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ArcSight Intelligence

Software Version: 24.1

Developer's Guide for ArcSight Intelligence

Document Release Date: Jan 2024

Software Release Date: Jan 2024

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Contents

Introduction	37
Intended Audience	37
Construct API URLs	37
Retrieve Paginated API Responses	37
Render Anomalies	38
Use the API with the Swagger UI	39
Example: Call an Endpoint	40
User Roles and Permissions	40
Tuning API Reference	42
Alert Templates	42
post <code>/{tid}/alert_templates</code>	42
Consumes	42
Produces	42
Path parameters	42
Request body	42
Responses	42
delete <code>/{tid}/alert_templates/{anomalyType}/{did}</code>	42
Consumes	43
Produces	43
Path parameters	43
Responses	43
get <code>/{tid}/alert_templates/{anomalyType}/{did}</code>	43
Produces	43
Path parameters	43
Return type	44
Example data	44
Responses	44
put <code>/{tid}/alert_templates/{anomalyType}/{did}</code>	44
Consumes	45
Produces	45
Path parameters	45
Request body	45
Responses	45
Anomaly Meta	45
post <code>/{tid}/anomaly_meta</code>	45

Consumes	45
Produces	45
Path parameters	46
Request body	46
Responses	46
delete /{tid}/anomaly_meta/{anomalyType}	46
Produces	46
Path parameters	46
Responses	46
get /{tid}/anomaly_meta/{anomalyType}	46
Produces	47
Path parameters	47
Return type	47
Example data	47
Responses	47
get /{tid}/anomaly_meta	47
Produces	47
Path parameters	48
Return type	48
Example data	48
Responses	48
put /{tid}/anomaly_meta/{anomalyType}	48
Consumes	48
Produces	48
Path parameters	49
Request body	49
Responses	49
Custom Anomalies	49
get /{tid}/byoa/{anomalyName}	49
Produces	49
Path parameters	49
Return type	49
Example data	50
Responses	50
get /{tid}/byoa	50
Produces	50
Path parameters	50
Return type	50
Example data	51

Responses	51
post /{tid}/byoa/register	51
Consumes	51
Produces	51
Path parameters	52
Request body	52
Responses	52
Custom Models	52
get /{tid}/byom/{ds}/{did}/{timeBucket}/{modelName}/export	52
Produces	52
Path parameters	52
Responses	53
get /{tid}/byom/{modelName}	53
Produces	53
Path parameters	53
Return type	53
Example data	53
Responses	54
get /{tid}/byom	54
Produces	54
Path parameters	54
Return type	54
Example data	54
Responses	55
post /{tid}/byom/register	55
Consumes	55
Produces	55
Path parameters	56
Form parameters	56
Responses	56
put /{tid}/byom/{ds}/{did}/{timeBucket}/{modelName}	57
Consumes	57
Produces	57
Path parameters	57
Form parameters	57
Responses	57
DID Tags	57
post /{tid}/did_tags	58
Consumes	58

Produces	58
Path parameters	58
Request body	58
Responses	58
delete /{tid}/did_tags/{ds}/{did}/{type}/{identifier}/{tag}	58
Produces	58
Path parameters	58
Responses	59
get /{tid}/did_tags	59
Produces	59
Path parameters	59
Return type	59
Example data	59
Responses	60
get /{tid}/did_tags/{ds}	60
Produces	60
Path parameters	60
Return type	60
Example data	60
Responses	61
get /{tid}/did_tags/{ds}/{did}	61
Produces	61
Path parameters	61
Return type	61
Example data	61
Responses	62
get /{tid}/did_tags/{ds}/{did}/{type}	62
Produces	62
Path parameters	62
Return type	63
Example data	63
Responses	63
get /{tid}/did_tags/{ds}/{did}/{type}/{identifier}/{tag}	63
Produces	63
Path parameters	63
Return type	64
Example data	64
Responses	64
get /{tid}/did_tags/{ds}/{did}/{type}/{identifier}	64

Produces	64
Path parameters	65
Return type	65
Example data	65
Responses	65
put /{tid}/did_tags/{ds}/{did}/{type}/{identifier}/{tag}	66
Consumes	66
Produces	66
Path parameters	66
Request body	66
Responses	66
Entity Mappings	67
post /{tid}/entity_mappings	67
Consumes	67
Produces	67
Path parameters	67
Request body	67
Responses	67
delete /{tid}/entity_mappings/{ds}/{did}/{entityType}/{entityId}	67
Produces	67
Path parameters	68
Responses	68
get /{tid}/entity_mappings/{ds}/{did}/{entityType}	68
Produces	68
Path parameters	68
Return type	69
Example data	69
Responses	69
get /{tid}/entity_mappings/{ds}/{did}	69
Produces	69
Path parameters	69
Return type	70
Example data	70
Responses	70
get /{tid}/entity_mappings/{ds}	70
Produces	70
Path parameters	71
Return type	71
Example data	71

Responses	71
get /{tid}/entity_mappings	71
Produces	72
Path parameters	72
Return type	72
Example data	72
Responses	72
get /{tid}/entity_mappings/{ds}/{did}/{entityType}/{entityId}	72
Produces	73
Path parameters	73
Return type	73
Example data	73
Responses	73
put /{tid}/entity_mappings/{ds}/{did}/{entityType}/{entityId}	74
Consumes	74
Produces	74
Path parameters	74
Request body	74
Responses	74
Entity Tags	74
post /{tid}/entity_tags	74
Consumes	75
Produces	75
Path parameters	75
Request body	75
Responses	75
delete /{tid}/entity_tags/{ds}/{did}/{type}/{identifier}/{tag}	75
Produces	75
Path parameters	75
Responses	76
get /{tid}/entity_tags	76
Produces	76
Path parameters	76
Return type	76
Example data	76
Responses	77
get /{tid}/entity_tags/{ds}	77
Produces	77
Path parameters	77

Return type	77
Example data	77
Responses	78
get /{tid}/entity_tags/{ds}/{did}	78
Produces	78
Path parameters	78
Return type	78
Example data	78
Responses	79
get /{tid}/entity_tags/{ds}/{did}/{type}	79
Produces	79
Path parameters	79
Return type	79
Example data	80
Responses	80
get /{tid}/entity_tags/{ds}/{did}/{type}/{identifier}/{tag}	80
Produces	80
Path parameters	80
Return type	81
Example data	81
Responses	81
get /{tid}/entity_tags/{ds}/{did}/{type}/{identifier}	81
Produces	81
Path parameters	81
Return type	82
Example data	82
Responses	82
put /{tid}/entity_tags/{ds}/{did}/{type}/{identifier}/{tag}	82
Consumes	83
Produces	83
Path parameters	83
Request body	83
Responses	83
Example Anomalies	83
get /{tid}/alert_templates/example/{anomaly_type}	83
Produces	84
Path parameters	84
Return type	84
Example data	84

Responses	84
Field Mappings	85
post /{tid}/field_mappings	85
Consumes	85
Produces	85
Path parameters	85
Request body	85
Responses	85
delete /{tid}/field_mappings/{ds}/{did}/{field}	85
Produces	85
Path parameters	86
Responses	86
get /{tid}/field_mappings/{ds}/{did}/{field}	86
Produces	86
Path parameters	86
Return type	86
Example data	87
Responses	87
get /{tid}/field_mappings	87
Produces	87
Path parameters	87
Return type	87
Example data	87
Responses	88
get /{tid}/field_mappings/{ds}	88
Produces	88
Path parameters	88
Return type	88
Example data	88
Responses	89
get /{tid}/field_mappings/{ds}/{did}	89
Produces	89
Path parameters	89
Return type	89
Example data	89
Responses	90
put /{tid}/field_mappings/{ds}/{did}/{field}	90
Produces	90
Path parameters	90

Request body	90
Responses	91
Importance	91
post /{tid}/importance	91
Consumes	91
Produces	91
Path parameters	91
Request body	91
Responses	91
delete /{tid}/importance/{entityType}/{entityId}	91
Produces	92
Path parameters	92
Responses	92
get /{tid}/importance/{entityType}/{entityId}	92
Produces	92
Path parameters	92
Return type	92
Example data	93
Responses	93
get /{tid}/importance	93
Produces	93
Path parameters	93
Return type	93
Example data	93
Responses	94
get /{tid}/importance/{entityType}	94
Produces	94
Path parameters	94
Return type	94
Example data	94
Responses	95
put /{tid}/importance/{entityType}/{entityId}	95
Consumes	95
Produces	95
Path parameters	95
Request body	95
Responses	96
Parameters	96
post /{tid}/parameters	96

Consumes	96
Produces	96
Path parameters	96
Request body	96
Responses	96
delete /{tid}/parameters/{name}	96
Produces	97
Path parameters	97
Responses	97
get /{tid}/parameters/{name}	97
Produces	97
Path parameters	97
Return type	97
Example data	97
Responses	98
get /{tid}/parameters	98
Produces	98
Path parameters	98
Return type	98
Example data	98
Responses	99
put /{tid}/parameters/{name}	99
Consumes	99
Produces	99
Path parameters	99
Request body	99
Responses	99
Relation Tags	99
post /{tid}/relation_tags	99
Consumes	100
Produces	100
Path parameters	100
Request body	100
Responses	100
delete /{tid}/relation_tags/{ds}/{did}/{type}/{identifier}/{tag}	100
Produces	100
Path parameters	100
Responses	101
get /{tid}/relation_tags	101

Produces	101
Path parameters	101
Return type	101
Example data	101
Responses	102
get /{tid}/relation_tags/{ds}	102
Produces	102
Path parameters	102
Return type	102
Example data	102
Responses	103
get /{tid}/relation_tags/{ds}/{did}	103
Produces	103
Path parameters	103
Return type	103
Example data	103
Responses	104
get /{tid}/relation_tags/{ds}/{did}/{type}	104
Produces	104
Path parameters	104
Return type	104
Example data	105
Responses	105
get /{tid}/relation_tags/{ds}/{did}/{type}/{identifier}/{tag}	105
Produces	105
Path parameters	105
Return type	106
Example data	106
Responses	106
get /{tid}/relation_tags/{ds}/{did}/{type}/{identifier}	106
Produces	106
Path parameters	106
Return type	107
Example data	107
Responses	107
put /{tid}/relation_tags/{ds}/{did}/{type}/{identifier}/{tag}	107
Consumes	108
Produces	108
Path parameters	108

Request body	108
Responses	108
Subqueries	108
post /{tid}/subqueries	108
Consumes	109
Produces	109
Path parameters	109
Request body	109
Responses	109
delete /{tid}/subqueries/{ds}/{did}	109
Consumes	109
Produces	109
Path parameters	109
Responses	110
get /{tid}/subqueries	110
Produces	110
Path parameters	110
Return type	110
Example data	110
Responses	110
get /{tid}/subqueries/{ds}	111
Produces	111
Path parameters	111
Return type	111
Example data	111
Responses	111
get /{tid}/subqueries/{ds}/{did}	112
Produces	112
Path parameters	112
Return type	112
Example data	112
Responses	112
put /{tid}/subqueries/{ds}/{did}	112
Consumes	113
Produces	113
Path parameters	113
Request body	113
Responses	113
Violations	113

get /{tid}/violations/{violationName}	113
Produces	113
Path parameters	114
Return type	114
Example data	114
Responses	114
get /{tid}/violations	114
Produces	115
Path parameters	115
Return type	115
Example data	115
Responses	115
post /{tid}/violations/register	115
Consumes	116
Produces	116
Path parameters	116
Request body	116
Responses	116
Weights	116
post /{tid}/weights	116
Consumes	116
Produces	116
Path parameters	116
Request body	117
Responses	117
delete /{tid}/weights/{did}/{anomalyType}	117
Produces	117
Path parameters	117
Responses	117
get /{tid}/weights/{did}/{anomalyType}	117
Produces	117
Path parameters	118
Return type	118
Example data	118
Responses	118
get /{tid}/weights	118
Produces	118
Path parameters	119
Return type	119

Example data	119
Responses	119
get /{tid}/weights/{did}	119
Produces	119
Path parameters	120
Return type	120
Example data	120
Responses	120
put /{tid}/weights/{did}/{anomalyType}	120
Consumes	121
Produces	121
Path parameters	121
Request body	121
Responses	121
Models	121
AlertTemplate	121
AlertsMeta	122
AlertsMetaSimple	123
AlertsMetaViolations	123
AnomalyMeta	123
ByomMeta	124
ByomMetaAnomalytype	124
DidTag	125
EntityMapping	125
EntityTag	126
ExampleAnomaly	126
FieldMapping	127
Importance	127
Parameter	127
RelationTag	128
Subquery	128
Weight	128
Analytics API Reference	129
actions	129
post /actions/login	129
Consumes	129
Produces	129
Request body	129
Return type	129

Example data	130
Responses	130
get /actions/logoff	130
Consumes	130
Produces	130
Request headers	130
Return type	130
Example data	130
Responses	131
get /actions/logoff/saml	131
Consumes	131
Produces	131
Request headers	131
Query parameters	131
Responses	131
get /actions/login/oauth2	132
Consumes	132
Produces	132
Query parameters	132
Responses	132
get /actions/login/oauth2/callback	132
Consumes	132
Produces	132
Query parameters	133
Responses	133
get /actions/logoff/oauth2	133
Consumes	133
Produces	133
Request headers	133
Query parameters	133
Responses	133
get /actions/login/oauth2/renew	133
Consumes	134
Produces	134
Request headers	134
Responses	134
get /actions/login/saml	134
Example Response (Status 200)	134
Consumes	135

Produces	135
Query parameters	135
Responses	135
post /actions/login/saml/sso	135
Consumes	135
Produces	135
Form parameters	135
Responses	136
dashboards{tenantId}	136
post /dashboards/{tid}	136
Example Request Body	136
Consumes	136
Produces	136
Path parameters	136
Request body	136
Return type	137
Example data	137
Responses	137
put /dashboards/{tid}/tags/{id}	137
Example Request Body	138
Produces	138
Path parameters	138
Request body	138
Responses	138
delete /dashboards/{tid}/tags/{id}	138
Produces	138
Path parameters	138
Responses	139
get /dashboards/{tid}/{id}	139
Example Response (Status 200)	139
Produces	139
Path parameters	139
Return type	140
Example data	140
Responses	140
get /dashboards/{tid}	140
Example Response (Status 200)	141
Produces	141
Path parameters	141

Return type	142
Example data	142
Responses	143
get /dashboards/{tid}/home	143
Example Response (Status 200)	143
Produces	143
Path parameters	143
Responses	143
get /dashboards/{tid}/tags	144
Example Request Body	144
Produces	144
Path parameters	144
Return type	144
Example data	144
Responses	145
delete /dashboards/{tid}/{id}	145
Produces	145
Path parameters	145
Responses	145
delete /dashboards/{tid}/home	145
Produces	145
Path parameters	146
Responses	146
put /dashboards/{tid}/home/{id}	146
Produces	146
Path parameters	146
Responses	146
put /dashboards/{tid}/{id}	146
Example Request Body	147
Consumes	147
Produces	147
Path parameters	147
Request body	147
Return type	147
Example data	147
Responses	148
events{tenantId}	148
post /events/{tid}/savedSearches	148
Consumes	148

Produces	148
Path parameters	148
Request body	149
Return type	149
Example data	149
Responses	151
get /events/{tid}/savedSearches	151
Produces	151
Path parameters	151
Return type	151
Example data	152
Responses	156
delete /events/{tid}/savedSearches/{id}	156
Produces	156
Path parameters	156
Responses	156
delete /events/{tid}/savedSearches/{id}/draft	157
Produces	157
Path parameters	157
Responses	157
put /events/{tid}/savedSearches/{id}	157
Consumes	157
Produces	157
Path parameters	157
Request body	158
Return type	158
Example data	158
Responses	160
put /events/{tid}/savedSearches/{id}/draft	160
Consumes	160
Produces	160
Path parameters	161
Request body	161
Return type	161
Example data	161
Responses	162
info	162
get /info/auth	162
Example Response (Status 200)	162

Produces	163
Responses	163
get /info/analysedEntities/{tid}	163
Example Response (Status 200)	163
Filtering the results	163
Produces	163
Path parameters	163
Query parameters	163
Responses	164
get /info/deployment	164
Example Response (Status 200)	164
Produces	164
Responses	164
get /info/session	164
Produces	164
Return type	164
Example data	165
Responses	166
get /info/build	166
Example Response (Status 200)	166
Produces	166
Responses	166
rawEvents{tenantId}	166
post /rawEvents/{tid}/typeAhead	167
Produces	167
Path parameters	167
Request body	167
Request headers	167
Query parameters	167
Responses	167
get /rawEvents/{tid}/csv	168
Produces	168
Path parameters	168
Query parameters	168
Responses	168
get /rawEvents/{tid}	169
Produces	169
Path parameters	169
Request headers	169

Query parameters	169
Responses	170
post /rawEvents/{tid}/graph	170
Consumes	170
Produces	170
Path parameters	170
Request body	170
Request headers	170
Query parameters	171
Responses	171
post /rawEvents/{tid}/resolve	171
Consumes	171
Produces	171
Path parameters	171
Request body	171
Request headers	172
Query parameters	172
Responses	172
get /rawEvents/{tid}/resolve/{id}	172
Consumes	172
Produces	172
Path parameters	173
Request headers	173
Query parameters	173
Responses	173
post /rawEvents/{tid}/search	173
Consumes	174
Produces	174
Path parameters	174
Request body	174
Request headers	174
Query parameters	174
Responses	175
search{tenantId}	175
get /search/{tid}/{rollupLevel}/breakdown/risk	175
Example Response (Status 200)	175
Filtering the results	175
Produces	176
Path parameters	176

Request headers	176
Query parameters	176
Responses	177
get /search/{tid}/{rollupLevel}	177
Example Response (Status 200)	177
Filtering the results	178
Produces	179
Path parameters	179
Request headers	179
Query parameters	179
Responses	180
get /search/{tid}/{rollupLevel}/count	180
Example Response (Status 200)	180
Filtering the results	181
Produces	181
Path parameters	181
Request headers	181
Query parameters	182
Responses	182
get /search/{tid}/{rollupLevel}/{rollupId}	182
Example Response (Status 200)	183
Filtering the results	184
Produces	184
Path parameters	184
Request headers	184
Query parameters	185
Responses	185
get /search/{tid}/controllers/authentications	185
Example Response (Status 200)	185
Filtering the results	185
Produces	186
Path parameters	186
Request headers	186
Query parameters	186
Responses	186
get /search/{tid}/{rollupLevel}/{rollupId}/context	187
Example Response (Status 200)	187
Filtering the results	187
Produces	188

Path parameters	188
Request headers	188
Responses	188
get /search/{tid}/{entityType}	188
Example Response (Status 200)	188
Produces	189
Path parameters	189
Request headers	189
Query parameters	189
Responses	190
get /search/{tid}/{entityType}/{entityHash}	190
Produces	190
Path parameters	190
Request headers	191
Responses	191
post /search/{tid}/entityByName	191
Produces	191
Path parameters	191
Request body	192
Request headers	192
Responses	192
get /search/{tid}/{entityType}/{entityHash}/risk	192
Example Response (Status 200)	192
Produces	193
Path parameters	193
Request headers	194
Query parameters	194
Responses	194
get /search/{tid}/{entityType}/{entityHash}/riskGraph	195
Example Response (Status 200)	195
Produces	195
Path parameters	195
Request headers	196
Query parameters	196
Responses	196
get /search/{tid}/users/bots	196
Example Response (Status 200)	197
Produces	197
Path parameters	197

Request headers	197
Query parameters	198
Responses	198
get /search/{tid}/distribution/risk	198
Example Response (Status 200)	198
Filtering the results	198
Produces	199
Path parameters	199
Request headers	199
Query parameters	199
Responses	200
get /search/{tid}/{entityType}/distribution/risk	200
Example Response (Status 200)	200
Filtering the results	200
Produces	201
Path parameters	201
Request headers	201
Query parameters	201
Responses	201
get /search/{tid}/info	202
Example Response (Status 200)	202
Produces	204
Path parameters	204
Request headers	204
Query parameters	204
Responses	205
get /search/{tid}/matrix/{type}	205
Example Response (Status 200)	205
Filtering the results	208
Produces	208
Path parameters	208
Request headers	209
Query parameters	209
Responses	209
get /search/{tid}/riskGraph/breakdown	209
Example Response (Status 200)	210
Filtering the results	211
Produces	211
Path parameters	211

Request headers	211
Query parameters	211
Responses	212
get /search/{tid}/riskGraph	212
Example Response (Status 200)	213
Filtering the results	213
Produces	213
Path parameters	214
Request headers	214
Query parameters	214
Responses	214
get /search/{tid}/riskyHours	215
Example Response (Status 200)	215
Filtering the results	215
Produces	216
Path parameters	216
Request headers	216
Query parameters	216
Responses	217
get /search/{tid}/templates	217
Example Response (Status 200)	217
Produces	218
Path parameters	218
Request headers	218
Query parameters	218
Responses	218
get /search/{tid}/{entityType}/topAccessed	218
Example Response (Status 200)	219
Filtering the results	219
Produces	220
Path parameters	220
Request headers	220
Query parameters	220
Responses	221
get /search/{tid}/users/topExitProducers	221
Example Response (Status 200)	221
Filtering the results	222
Produces	222
Path parameters	222

Request headers	222
Query parameters	222
Responses	223
get /search/{tid}/users/topFailedLogin	223
Example Response (Status 200)	223
Filtering the results	224
Produces	224
Path parameters	224
Request headers	224
Query parameters	224
Responses	225
get /search/{tid}/users/topScreenCaptures	225
Example Response (Status 200)	225
Filtering the results	226
Produces	226
Path parameters	226
Request headers	226
Query parameters	227
Responses	227
get /search/{tid}/users/topViolationProducers	227
Example Response (Status 200)	227
Filtering the results	228
Produces	228
Path parameters	229
Request headers	229
Query parameters	229
Responses	229
get /search/{tid}/typeAhead	229
Example Response (Status 200)	230
Produces	230
Path parameters	230
Request headers	231
Query parameters	231
Responses	231
get /search/{tid}/users/{userHash}/workingHours/daily	231
Example Response (Status 200)	232
Produces	232
Path parameters	232
Request headers	232

Responses	233
get /search/{tid}/users/workingHours/weekly	233
Example Response (Status 200)	233
Produces	234
Path parameters	234
Request headers	234
Responses	234
get /search/{tid}/users/workingHours/daily	234
Example Response (Status 200)	234
Produces	235
Path parameters	235
Request headers	235
Responses	235
get /search/{tid}/users/{userHash}/workingHours/weekly	235
Example Response (Status 200)	236
Produces	236
Path parameters	236
Request headers	237
Responses	237
get /search/{tid}/topRisky	237
Example Response (Status 200)	237
Filtering the results	238
Produces	238
Path parameters	238
Request headers	238
Query parameters	238
Responses	239
get /search/{tid}/{entityType}/topRisky	239
Example Response (Status 200)	240
Filtering the results	240
Produces	241
Path parameters	241
Request headers	241
Query parameters	241
Responses	242
get /search/{tid}/{rollupLevel}/{rollupId}/expand	242
Example Response (Status 200)	242
Filtering the results	243
Produces	243

Path parameters	244
Request headers	244
Query parameters	244
Responses	245
search{tenantId}meta	245
post /search/{tid}/meta	245
Example Response (Status 200)	245
Consumes	246
Produces	246
Path parameters	246
Request body	246
Request headers	246
Responses	246
delete /search/{tid}/meta/{metald}	246
Example Response (Status 200)	247
Consumes	247
Produces	247
Path parameters	247
Request headers	247
Responses	247
get /search/{tid}/meta/log	247
Example Response (Status 200)	248
Consumes	248
Produces	249
Path parameters	249
Request headers	249
Query parameters	249
Responses	250
get /search/{tid}/meta/{metald}	250
Example Response (Status 200)	250
Consumes	251
Produces	251
Path parameters	251
Request headers	251
Responses	251
get /search/{tid}/meta	251
Example Response (Status 200)	251
Consumes	252
Produces	252

Path parameters	252
Request headers	253
Query parameters	253
Responses	253
put /search/{tid}/meta/{metald}	254
Example Response (Status 200)	254
Consumes	254
Produces	254
Path parameters	254
Request body	255
Request headers	255
Responses	255
search{tenantId}tags	255
put /search/{tid}/tags/{tagId}/{tagElementType}/{elementHash}	255
Example Response (Status 200)	255
Consumes	255
Produces	256
Path parameters	256
Request headers	256
Query parameters	256
Responses	256
post /search/{tid}/tags/{tagId}/{tagElementType}/add	256
Example Response (Status 200)	257
Consumes	257
Produces	257
Path parameters	257
Request body	257
Request headers	257
Query parameters	258
Responses	258
post /search/{tid}/tags	258
Example Response (Status 200)	258
Consumes	258
Produces	258
Path parameters	259
Request body	259
Request headers	259
Responses	259
delete /search/{tid}/tags/{tagId}	259

Example Response (Status 200)	259
Consumes	259
Produces	260
Path parameters	260
Request headers	260
Query parameters	260
Responses	260
get /search/{tid}/tags/{tagId}/{tagElementType}	260
Example Response (Status 200)	260
Consumes	261
Produces	261
Path parameters	261
Request headers	261
Query parameters	261
Responses	261
get /search/{tid}/tags/{tagId}	262
Example Response (Status 200)	262
Consumes	262
Produces	262
Path parameters	262
Request headers	262
Responses	263
get /search/{tid}/tags/{boolOperator}/entities	263
Example Response (Status 200)	263
Consumes	263
Produces	263
Path parameters	263
Request headers	264
Query parameters	264
Responses	264
get /search/{tid}/tags	264
Example Response (Status 200)	264
Filtering the results	265
Consumes	265
Produces	265
Path parameters	265
Request headers	266
Query parameters	266
Responses	266

delete /search/{tid}/tags/{tagId}/{tagElementType}/{elementHash}	266
Example Response (Status 200)	266
Consumes	267
Produces	267
Path parameters	267
Request headers	267
Query parameters	267
Responses	267
post /search/{tid}/tags/{tagId}/{tagElementType}/remove	267
Example Response (Status 200)	268
Consumes	268
Produces	268
Path parameters	268
Request body	268
Request headers	268
Query parameters	269
Responses	269
post /search/{tid}/tags/{tagId}/update	269
Example Response (Status 200)	269
Consumes	269
Produces	269
Path parameters	270
Request body	270
Request headers	270
Responses	270
tenants	270
delete /tenants/{tid}	270
Produces	270
Path parameters	270
Responses	271
delete /tenants/{tid}/users/{userId}	271
Produces	271
Path parameters	271
Responses	271
get /tenants/{tid}	271
Produces	271
Path parameters	271
Return type	272
Example data	272

Responses	272
get /tenants/{tid}/users	272
Produces	272
Path parameters	272
Return type	272
Example data	272
Responses	273
get /tenants	273
Produces	273
Return type	273
Example data	274
Responses	274
get /tenants/{tid}/users/{userId}	274
Produces	274
Path parameters	274
Return type	274
Example data	274
Responses	275
put /tenants/{tid}	275
Consumes	275
Produces	275
Path parameters	275
Request body	275
Return type	275
Example data	276
Responses	276
put /tenants	276
Consumes	276
Request body	276
Responses	276
put /tenants/{tid}/users/{userId}	276
Consumes	277
Produces	277
Path parameters	277
Request body	277
Request headers	277
Return type	277
Example data	277
Responses	278

theme	278
delete /theme/{tid}	278
Produces	278
Path parameters	278
Responses	278
delete /theme	278
Produces	278
Responses	279
get /theme	279
Example Response (Status 200)	279
Produces	279
Responses	279
get /theme/{tid}	279
Example Response (Status 200)	280
Produces	280
Path parameters	280
Responses	280
put /theme	280
Example Request Body	281
Consumes	281
Produces	281
Request body	281
Responses	281
put /theme/{tid}	281
Example Request Body	282
Consumes	282
Produces	282
Path parameters	282
Request body	282
Responses	282
url	282
post /url	283
Example Request Body	283
Example Response (Status 200)	283
Produces	283
Request body	283
Return type	283
Example data	283
Responses	283

get /url/{hash}	284
Produces	284
Path parameters	284
Responses	284
users	284
get /users	284
Produces	284
Return type	284
Example data	284
Responses	285
Models	285
ApiAction	285
ApiCredentials	285
ApiDashboard	285
ApiDashboardTag	286
ApiEntityNameRequest	286
ApiHash	286
ApiMetaRequest	286
ApiSavedSearches	287
ApiSavedSearchesDraft	288
ApiSavedSearchesResponse	288
ApiSessionTenant	288
ApiSimpleDashboard	289
ApiSimpleDashboardTag	289
ApiTagEntities	289
ApiTenantUser	289
ApiTheme	290
ApiUrl	291
DbUser	291
JsonNode	291
LoginResponse	293
RawEventsGraphRequest	293
RawEventsRequest	293
RawEventsTypeaheadRequest	294
ServiceProxyInfo	294
Session	295
SessionInfo	295
SortField	296
TagBase	296

Tenant	296
Exports API Reference	297
Construct Exports API URLs	297
Exports API Endpoints	297
GET /dashboard	297
Consumes	297
Produces	297
Query Parameters	297
Return type	298
Responses	298
GET /info/build	298
Example Response (Status 200)	298
Produces	298
Responses	298
Publication Status	299
Send Documentation Feedback	300

Introduction

This guide describes how to use the Intelligence REST API, which allows you to manage, develop, and interface with analytics data. This API also provides access to analytics results and related tuning parameters.

Intended Audience

This Guide assumes that you are an experienced programmer and are familiar with REST APIs, web programming, and your organization's server environment, security infrastructure, and data sources.

You should also be familiar with the business needs of your organization.

Construct API URLs

To call an endpoint in this API, use the fully-qualified domain name (FQDN) of ArcSight Intelligence, and append the base path (/interset/api) followed by the path listed in the [Tuning API Reference](#) and [Analytics API Reference](#) . For example, to call the GET /tenants endpoint, use the following URL with the GET method:

```
https://<FQDN of Intelligence>/interset/api/tenants
```

Retrieve Paginated API Responses

Some endpoints return paginated results. These endpoints include a field called scrollId in their responses. To retrieve the next page of results from the same call, call the endpoint again with the same parameters, but this time pass the scrollId from the current response in the scrollId query parameter of the new API call.

For example, the response from the GET /search/{tid}/{entityType}/topRisky endpoint looks similar to the following:

```
{
  "requestTime": 29,
  "data": [
    {
      "entityHash": "bc23443bd21342fa8997e",
      "entityType": "user",
      "entityName": "Annie",
      "risk": 25,
    }
  ]
}
```

```

    "riskChange": 0,
    "storyCount": 3,
    "lastActivity": 1453957200,
    "preDecayedRisk": 0,
    "decayedToTimestamp": 0,
    "mostSignificantAlert": null,
    "tags": [
      {
        "id": "9v3sdqdC2jd0FJCBuYcAPw",
        "name": "reviewed",
        "source": "user",
        "description": ""
      }
    ]
  },
],
"totalHits": 25,
"scrollId": "vabsjk5h24elkdasjfojdabhgjk32b5b",
"cached": false
}

```

Note the returned `scrollId`. To get the next set of results, call the GET `/search/{tid}/{entityType}/topRisky` endpoint again, but pass the `scrollId` as a query parameter:

```

curl -X GET --header 'Accept: text/plain' \
  'https://<reporting_fqdn>/interset/api/search/<tenant_ID>/files/topRisky?scrollid=vabsjk5h24elkdasjfojdabhgjk32b5b'

```

Render Anomalies

For some of the search endpoints, you can specify a `markup` parameter. When `markup` is `false`, the returned anomalies contain only English text that can be directly displayed without further processing. When `markup` is `true`, the anomalies may contain markup tags in double curly braces, `{{` and `}}`. The possible tags are as follows:

- **timestamp**

The anomaly time.

The timestamp corresponds to the start of the hour in which the anomaly occurs. For example:

```
"...{{timestamp ms=\"1516748280000\" joda=\"h\" moment=\"h\"}} ..."
```

The **timestamp** can include the following fields:

- **ms**: the epoch (Unix) timestamp. Epoch timestamps are expressed in GMT (i.e., they don't contain time zone information). Usually this timestamp would be rendered in the

browser's time zone.

- **joda**: specifies the format to use when rendering with Joda-Time.
- **moment**: specifies the format to use when rendering with Moment.js or date-fns.

If the **moment** field isn't present, the Intelligence UI uses the format string "dddd".

- **entity**

The entity that the text pertains to. For example:

```
"... {{entity name=\"katherine.white\" hash=\"28044feb24be66c7\"
type=\"user\" risk=21 showRiskBall=false}} ..."
```

The **entity** can include the following fields:

- **name**: the name of the entity.
- **hash**: an internal identifier for the entity that is used in other API calls.
- **type**: identifies the kind of entity. One of: file, machine, project, server, user, volume, printer, share, resource, website, or ip.
- **risk**: the current risk of the entity.
- **showRiskBall**: specifies whether to show a visual indicator of the risk.

- **hover**

Additional text to use for hovering.

```
"... the user {{#hover title=\"accessed in some way\"}} touched {{/hover}}
27 projects ..."
```

This text provides a hint to the user interface that additional disclosure text is available. The text from the title field could be shown, for example, when the user hovers over the highlighted text.

Use the API with the Swagger UI

You can use Swagger UI to familiarize yourself with the API. In the Swagger UI, you can see all the endpoints, their parameters, and sample responses.



Note: You must have the required permissions to call API endpoints. The required permissions vary from endpoint to endpoint. For more information, see ["User Roles and Permissions" on the next page](#).

To access the Swagger UI:

1. In a web browser, log in to Intelligence as a user with the required permissions.
2. Click the gear icon on the top right corner of your screen, point to **API Documentation >**, then select the desired API in the drop-down list.
Swagger for the selected API opens in a new browser window.
3. Click a category (such as **actions** or **tenants**) to expand it.
The endpoints that are part of that category are listed.
4. Click an endpoint to show all its details. You can call an endpoint by clicking **Try it out!**, filling in the **Parameters** section (if required by the endpoint), and then clicking **Execute**.

Example: Call an Endpoint

In this example, we will call the `info/build` endpoint.

1. In the Swagger UI, expand **info**, and then expand **GET /info/build**.
2. Scroll down to the **Response Messages** section, and then Click **Try it out!**.
3. The response is displayed in the **Response Body** section.

User Roles and Permissions

You must have the required permissions to call API endpoints. The required permissions vary from endpoint to endpoint.

The following table lists the default roles, permissions, and the APIs the users have access to and can perform API operations.



Users must be created in Fusion and assigned relevant roles and permissions. For more information on creating users and roles, see the [User's Guide for Fusion 1.5 in the ArcSight Platform](#).

API	Required Permissions	Roles	Considerations
Tuning API	<ul style="list-style-type: none"> • Access Intelligence • Tune Intelligence Analytics 	<ul style="list-style-type: none"> • System Admin • Admin • Analyst 	<ul style="list-style-type: none"> • Some endpoints require only the Access Intelligence permission. • Some endpoints require only the Tune Intelligence Analytics permission. • The Analyst role does not have access to endpoints that require the Tune Intelligence Analytics permission.
Analytics API	<ul style="list-style-type: none"> • Access Intelligence • View Intelligence Raw Events 	<ul style="list-style-type: none"> • System Admin • Admin • Analyst 	<ul style="list-style-type: none"> • Some endpoints require only the Access Intelligence permission. • Some endpoints require only the View Intelligence Raw Events permission. • Some endpoints require both Access Intelligence and View Intelligence Raw Events permissions.

Tuning API Reference

Version: 24.1

BasePath: /interset/tuning

Alert Templates

POST /{tid}/alert_templates

Consumes

- application/json

Produces

- application/json

Path parameters

- **tid** (required)

Tenant ID

Request body

[AlertTemplate](#)

Responses

default

successful operation

DELETE /{tid}/alert_templates/{anomalyType}/{did}

Consumes

- application/json

Produces

- application/json

Path parameters

- **tid** (required)
Tenant ID
- **anomalyType** (required)
Analytics Anomaly Type (i.e. 200)
- **did** (required)
Data Identifier

Responses

default

successful operation

GET `/{tid}/alert_templates/{anomalyType}/{did}`

Produces

- application/json

Path parameters

- **tid** (required)
Tenant ID
- **anomalyType** (required)
Analytics Anomaly Type (i.e. 200)
- **did** (required)
Data Identifier

Return type

[AlertTemplate](#)

Example data

Content-Type: application/json

```
{
  "genericSearchQuery" : "genericSearchQuery",
  "reconSearchQuery" : "reconSearchQuery",
  "unitName" : "unitName",
  "anomalyType" : "anomalyType",
  "reconStartTime" : "reconStartTime",
  "tid" : "tid",
  "templatesAlert" : "templatesAlert",
  "reconEndTime" : "reconEndTime",
  "unitType" : "unitType",
  "hasAggregatedIdentifiers" : true,
  "genericTimeRangeQuery" : "genericTimeRangeQuery",
  "datasource" : "datasource",
  "threatDescription" : "threatDescription",
  "familyName" : "familyName",
  "unitDescription" : "unitDescription",
  "contextType" : "contextType",
  "threatName" : "threatName",
  "templatesThreat" : "templatesThreat",
  "sqlSearchQuery" : "sqlSearchQuery",
  "templatesFamily" : "templatesFamily",
  "templatesTooltip" : "templatesTooltip",
  "bucketSize" : "bucketSize",
  "did" : 0,
  "templatesTeaser" : "templatesTeaser"
}
```

Responses

200

successful operation

PUT `/{tid}/alert_templates/{anomalyType}/{did}`

Consumes

- application/json

Produces

- application/json

Path parameters

- **tid** (required)
Tenant ID
- **anomalyType** (required)
Analytics Anomaly Type (i.e. 200)
- **did** (required)
Data Identifier

Request body

[AlertTemplate](#)

Responses

default

successful operation

Anomaly Meta

POST /{tid}/anomaly_meta

Consumes

- application/json

Produces

- application/json

Path parameters

- **tid** (required)
Tenant ID

Request body

[AnomalyMeta](#)

Responses

default

successful operation

DELETE `/{tid}/anomaly_meta/{anomalyType}`

Produces

- application/json

Path parameters

- **tid** (required)
Tenant ID
- **anomalyType** (required)
Analytics Anomaly Type (i.e. 200)

Responses

default

successful operation

GET `/{tid}/anomaly_meta/{anomalyType}`

Produces

- application/json

Path parameters

- **tid** (required)
Tenant ID
- **anomalyType** (required)
Analytics Anomaly Type (i.e. 200)

Return type

[AnomalyMeta](#)

Example data

Content-Type: application/json

```
{
  "anomalyType" : 0,
  "timeBucket" : "timeBucket",
  "tid" : "tid"
}
```

Responses

200

successful operation

GET /{tid}/anomaly_meta

Produces

- application/json

Path parameters

- **tid** (required)
Tenant ID

Return type

array[[AnomalyMeta](#)]

Example data

Content-Type: application/json

```
[ {  
  "anomalyType" : 0,  
  "timeBucket" : "timeBucket",  
  "tid" : "tid"  
}, {  
  "anomalyType" : 0,  
  "timeBucket" : "timeBucket",  
  "tid" : "tid"  
} ]
```

Responses

200

successful operation

PUT `/{tid}/anomaly_meta/{anomalyType}`

Consumes

- application/json

Produces

- application/json

Path parameters

- **tid** (required)
Tenant ID
- **anomalyType** (required)
Analytics Anomaly Type (i.e. 200)

Request body

[AnomalyMeta](#)

Responses

default

successful operation

Custom Anomalies

GET `/{tid}/byoa/{anomalyName}`

Produces

- application/json

Path parameters

- **tid** (required)
Tenant ID
- **anomalyName** (required)
Anomaly Name

Return type

array[[AlertsMeta](#)]

Example data

Content-Type: application/json

```
[ {
  "alertType" : "alertType",
  "alertName" : "alertName",
  "anomalyType" : 6,
  "timeBucket" : "timeBucket",
  "tid" : "tid",
  "did" : 0,
  "ds" : "ds"
}, {
  "alertType" : "alertType",
  "alertName" : "alertName",
  "anomalyType" : 6,
  "timeBucket" : "timeBucket",
  "tid" : "tid",
  "did" : 0,
  "ds" : "ds"
} ]
```

Responses

200

successful operation

GET /{tid}/byoa

Produces

- application/json

Path parameters

- **tid** (required)
Tenant ID

Return type

array[[AlertsMeta](#)]

Example data

Content-Type: application/json

```
[ {
  "alertType" : "alertType",
  "alertName" : "alertName",
  "anomalyType" : 6,
  "timeBucket" : "timeBucket",
  "tid" : "tid",
  "did" : 0,
  "ds" : "ds"
}, {
  "alertType" : "alertType",
  "alertName" : "alertName",
  "anomalyType" : 6,
  "timeBucket" : "timeBucket",
  "tid" : "tid",
  "did" : 0,
  "ds" : "ds"
} ]
```

Responses

200

successful operation

POST /{tid}/byoa/register

Register Custom Anomaly.

Consumes

- application/json

Produces

- application/json

Path parameters

- **tid** (required)
Tenant ID

Request body

[AlertsMetaSimple](#)

Responses

default

successful operation

Custom Models

GET `/{tid}/byom/{ds}/{did}/{timeBucket}/{modelName}/export`

Produces

- text/xml

Path parameters

- **tid** (required)
Tenant ID
- **modelName** (required)
Model Name
- **ds** (required)
Data Source
- **did** (required)
Data Identifier
- **timeBucket** (required)
Time Bucket

Responses

default

successful operation

GET `/tid/byom/modelName`

Produces

- application/json

Path parameters

- **tid** (required)
Tenant ID
- **modelName** (required)
Model Name

Return type

array[[ByomMeta](#)]

Example data

Content-Type: application/json

```
[ {
  "secEntitytype" : "secEntitytype",
  "secEntityCol" : "secEntityCol",
  "modelName" : "modelName",
  "targetClass" : "targetClass",
  "primEntityCol" : "primEntityCol",
  "timeBucket" : "timeBucket",
  "primEntitytype" : "primEntitytype",
  "isActive" : true,
  "tid" : "tid",
  "did" : 0,
  "ds" : "ds"
}, {
  "secEntitytype" : "secEntitytype",
```

```
"secEntityCol" : "secEntityCol",
"modelName" : "modelName",
"targetClass" : "targetClass",
"primEntityCol" : "primEntityCol",
"timeBucket" : "timeBucket",
"primEntitytype" : "primEntitytype",
"isActive" : true,
"tid" : "tid",
"did" : 0,
"ds" : "ds"
} ]
```

Responses

200

successful operation

GET /{tid}/byom

Produces

- application/json

Path parameters

- **tid** (required)
Tenant ID

Return type

array[[ByomMetaAnomalytype](#)]

Example data

Content-Type: application/json

```
[ {
  "secEntitytype" : "secEntitytype",
  "secEntityCol" : "secEntityCol",
  "modelName" : "modelName",
  "targetClass" : "targetClass",
```

```

"anomalyType" : 6,
"primEntityCol" : "primEntityCol",
"timeBucket" : "timeBucket",
"primEntitytype" : "primEntitytype",
"isActive" : true,
"tid" : "tid",
"did" : 0,
"ds" : "ds"
}, {
"secEntitytype" : "secEntitytype",
"secEntityCol" : "secEntityCol",
"modelName" : "modelName",
"targetClass" : "targetClass",
"anomalyType" : 6,
"primEntityCol" : "primEntityCol",
"timeBucket" : "timeBucket",
"primEntitytype" : "primEntitytype",
"isActive" : true,
"tid" : "tid",
"did" : 0,
"ds" : "ds"
} ]

```

Responses

200

successful operation

POST /{tid}/byom/register

Register a new pmml model with metadata to the BYOM pipeline.

Consumes

- multipart/form-data

Produces

- application/json

Path parameters

- **tid** (required)
Tenant ID

Form parameters

- **file** (required)
BYOM Custom Model (.pmml)
- **modelName** (required)
Model Name
- **ds** (required)
Data Source
- **did** (required)
Data Identifier
- **timeBucket** (required)
Time Bucket
- **primEntitytype** (required)
Primary Entity Type
- **secEntitytype** (required)
Secondary Entity Type
- **primEntityCol** (required)
Primary Entity Column Name
- **secEntityCol** (required)
Secondary Entity Column Name
- **isActive** (required)
Model is active
- **targetClass** (required)
Target Class

Responses

default

successful operation

PUT `/{tid}/byom/{ds}/{did}/{timeBucket}/{modelName}`

Consumes

- multipart/form-data

Produces

- application/json

Path parameters

- **tid** (required)
Tenant ID
- **modelName** (required)
Model Name
- **ds** (required)
Data Source
- **did** (required)
Data Identifier
- **timeBucket** (required)
Time Bucket

Form parameters

- **isActive** (required)
Model is active

Responses

default

successful operation

DID Tags

POST /{tid}/did_tags

Consumes

- application/json

Produces

- application/json

Path parameters

- **tid** (required)
Tenant ID

Request body

[DidTag](#)

Responses

default

successful operation

DELETE /{tid}/did_tags/{ds}/{did}/{type}/{identifier}/{tag}

Produces

- application/json

Path parameters

- **tid** (required)
Tenant ID
- **ds** (required)
Data Source

- **did** (required)
Data Identifier
- **type** (required)
Tag Type (i.e. 'did')
- **identifier** (required)
Tag Key
- **tag** (required)
Tag Value

Responses

default

successful operation

GET `/{tid}/did_tags`

Produces

- application/json

Path parameters

- **tid** (required)
Tenant ID

Return type

array[[DidTag](#)]

Example data

Content-Type: application/json

```
[ {  
  "identifier" : "identifier",  
  "tag" : "tag",  
  "type" : "type",  
  "tid" : "tid",
```

```
"did" : 0,  
"ds" : "ds"  
}, {  
  "identifier" : "identifier",  
  "tag" : "tag",  
  "type" : "type",  
  "tid" : "tid",  
  "did" : 0,  
  "ds" : "ds"  
} ]
```

Responses

200

successful operation

GET /{tid}/did_tags/{ds}

Produces

- application/json

Path parameters

- **tid** (required)
Tenant ID
- **ds** (required)
Data Source

Return type

array[[DidTag](#)]

Example data

Content-Type: application/json

```
[ {  
  "identifier" : "identifier",  
  "tag" : "tag",
```

```
"type" : "type",
"tid" : "tid",
"did" : 0,
"ds" : "ds"
}, {
  "identifier" : "identifier",
  "tag" : "tag",
  "type" : "type",
  "tid" : "tid",
  "did" : 0,
  "ds" : "ds"
} ]
```

Responses

200

successful operation

GET /{tid}/did_tags/{ds}/{did}

Produces

- application/json

Path parameters

- **tid** (required)
Tenant ID
- **ds** (required)
Data Source
- **did** (required)
Data Identifier

Return type

array[[DidTag](#)]

Example data

Content-Type: application/json

```
[ {
  "identifier" : "identifier",
  "tag" : "tag",
  "type" : "type",
  "tid" : "tid",
  "did" : 0,
  "ds" : "ds"
}, {
  "identifier" : "identifier",
  "tag" : "tag",
  "type" : "type",
  "tid" : "tid",
  "did" : 0,
  "ds" : "ds"
} ]
```

Responses

200

successful operation

GET `/{tid}/did_tags/{ds}/{did}/{type}`

Produces

- application/json

Path parameters

- **tid** (required)
Tenant ID
- **ds** (required)
Data Source
- **did** (required)
Data Identifier
- **type** (required)
Tag Type (i.e. 'did')

Return type

array[[DidTag](#)]

Example data

Content-Type: application/json

```
[ {
  "identifier" : "identifier",
  "tag" : "tag",
  "type" : "type",
  "tid" : "tid",
  "did" : 0,
  "ds" : "ds"
}, {
  "identifier" : "identifier",
  "tag" : "tag",
  "type" : "type",
  "tid" : "tid",
  "did" : 0,
  "ds" : "ds"
} ]
```

Responses

200

successful operation

GET `/{tid}/did_tags/{ds}/{did}/{type}/{identifier}/{tag}`

Produces

- application/json

Path parameters

- **tid** (required)
Tenant ID
- **ds** (required)

Data Source

- **did** (required)

Data Identifier

- **type** (required)

Tag Type (i.e. 'did')

- **identifier** (required)

Tag Key

- **tag** (required)

Tag Value

Return type

[DidTag](#)

Example data

Content-Type: application/json

```
{
  "identifier" : "identifier",
  "tag" : "tag",
  "type" : "type",
  "tid" : "tid",
  "did" : 0,
  "ds" : "ds"
}
```

Responses

200

successful operation

GET `/{tid}/did_tags/{ds}/{did}/{type}/{identifier}`

Produces

- application/json

Path parameters

- **tid** (required)
Tenant ID
- **ds** (required)
Data Source
- **did** (required)
Data Identifier
- **type** (required)
Tag Type (i.e. 'did')
- **identifier** (required)
Tag Key

Return type

array[[DidTag](#)]

Example data

Content-Type: application/json

```
[ {  
  "identifier" : "identifier",  
  "tag" : "tag",  
  "type" : "type",  
  "tid" : "tid",  
  "did" : 0,  
  "ds" : "ds"  
}, {  
  "identifier" : "identifier",  
  "tag" : "tag",  
  "type" : "type",  
  "tid" : "tid",  
  "did" : 0,  
  "ds" : "ds"  
} ]
```

Responses

200

successful operation

PUT `/{tid}/did_tags/{ds}/{did}/{type}/{identifier}/{tag}`

Consumes

- application/json

Produces

- application/json

Path parameters

- **tid** (required)
Tenant ID
- **ds** (required)
Data Source
- **did** (required)
Data Identifier
- **type** (required)
Tag Type (i.e. 'did')
- **identifier** (required)
Tag Key
- **tag** (required)
Tag Value

Request body

[DidTag](#)

Responses

default

successful operation

Entity Mappings

POST `/tid/entity_mappings`

Consumes

- application/json

Produces

- application/json

Path parameters

- **tid** (required)
Tenant ID

Request body

[EntityMapping](#)

Responses

default

successful operation

DELETE `/tid/entity_mappings/{ds}/{did}/{entityType}/{entityId}`

Produces

- application/json

Path parameters

- **tid** (required)
Tenant ID
- **ds** (required)
Data Source
- **did** (required)
Data Identifier
- **entityType** (required)
Entity Type
- **entityId** (required)
Entity ID

Responses

default

successful operation

GET `/{tid}/entity_mappings/{ds}/{did}/{entityType}`

Produces

- application/json

Path parameters

- **tid** (required)
Tenant ID
- **ds** (required)
Data Source
- **did** (required)
Data Identifier
- **entityType** (required)
Entity Type

Return type

array[[EntityMapping](#)]

Example data

Content-Type: application/json

```
[ {
  "mapping" : "mapping",
  "entityType" : "entityType",
  "entityId" : "entityId",
  "tid" : "tid",
  "did" : 0,
  "ds" : "ds"
}, {
  "mapping" : "mapping",
  "entityType" : "entityType",
  "entityId" : "entityId",
  "tid" : "tid",
  "did" : 0,
  "ds" : "ds"
} ]
```

Responses

200

successful operation

GET `/{tid}/entity_mappings/{ds}/{did}`

Produces

- application/json

Path parameters

- **tid** (required)
Tenant ID
- **ds** (required)

Data Source

- **did** (required)
Data Identifier

Return type

array[[EntityMapping](#)]

Example data

Content-Type: application/json

```
[ {  
  "mapping" : "mapping",  
  "entityType" : "entityType",  
  "entityId" : "entityId",  
  "tid" : "tid",  
  "did" : 0,  
  "ds" : "ds"  
}, {  
  "mapping" : "mapping",  
  "entityType" : "entityType",  
  "entityId" : "entityId",  
  "tid" : "tid",  
  "did" : 0,  
  "ds" : "ds"  
} ]
```

Responses

200

successful operation

GET `/{tid}/entity_mappings/{ds}`

Produces

- application/json

Path parameters

- **tid** (required)
Tenant ID
- **ds** (required)
Data Source

Return type

array[[EntityMapping](#)]

Example data

Content-Type: application/json

```
[ {  
  "mapping" : "mapping",  
  "entityType" : "entityType",  
  "entityId" : "entityId",  
  "tid" : "tid",  
  "did" : 0,  
  "ds" : "ds"  
}, {  
  "mapping" : "mapping",  
  "entityType" : "entityType",  
  "entityId" : "entityId",  
  "tid" : "tid",  
  "did" : 0,  
  "ds" : "ds"  
} ]
```

Responses

200

successful operation

GET /{tid}/entity_mappings

Produces

- application/json

Path parameters

- **tid** (required)
Tenant ID

Return type

array[[EntityMapping](#)]

Example data

Content-Type: application/json

```
[ {
  "mapping" : "mapping",
  "entityType" : "entityType",
  "entityId" : "entityId",
  "tid" : "tid",
  "did" : 0,
  "ds" : "ds"
}, {
  "mapping" : "mapping",
  "entityType" : "entityType",
  "entityId" : "entityId",
  "tid" : "tid",
  "did" : 0,
  "ds" : "ds"
} ]
```

Responses

200

successful operation

GET `/{tid}/entity_mappings/{ds}/{did}/{entityType}/{entityId}`

Produces

- application/json

Path parameters

- **tid** (required)
Tenant ID
- **ds** (required)
Data Source
- **did** (required)
Data Identifier
- **entityType** (required)
Entity Type
- **entityId** (required)
Entity ID

Return type

[EntityMapping](#)

Example data

Content-Type: application/json

```
{
  "mapping" : "mapping",
  "entityType" : "entityType",
  "entityId" : "entityId",
  "tid" : "tid",
  "did" : 0,
  "ds" : "ds"
}
```

Responses

200

successful operation

PUT `/{tid}/entity_mappings/{ds}/{did}/{entityType}/{entityId}`

Consumes

- application/json

Produces

- application/json

Path parameters

- **tid** (required)
Tenant ID
- **ds** (required)
Data Source
- **did** (required)
Data Identifier
- **entityType** (required)
Entity Type
- **entityId** (required)
Entity ID

Request body

[EntityMapping](#)

Responses

default

successful operation

Entity Tags

POST `/{tid}/entity_tags`

Consumes

- application/json

Produces

- application/json

Path parameters

- **tid** (required)
Tenant ID

Request body

[EntityTag](#)

Responses

default

successful operation

DELETE `/{tid}/entity_tags/{ds}/{did}/{type}/{identifier}/{tag}`

Produces

- application/json

Path parameters

- **tid** (required)
Tenant ID
- **ds** (required)
Data Source
- **did** (required)
Data Identifier

- **type** (required)
Tag Type (i.e. 'did')
- **identifier** (required)
Tag Key
- **tag** (required)
Tag Value

Responses

default

successful operation

GET /{tid}/entity_tags

Produces

- application/json

Path parameters

- **tid** (required)
Tenant ID

Return type

array[[EntityTag](#)]

Example data

Content-Type: application/json

```
[ {  
  "identifier" : "identifier",  
  "tag" : "tag",  
  "type" : "type",  
  "tid" : "tid",  
  "did" : 0,  
  "ds" : "ds"  
}, {
```

```
"identifier" : "identifier",  
"tag" : "tag",  
"type" : "type",  
"tid" : "tid",  
"did" : 0,  
"ds" : "ds"  
} ]
```

Responses

200

successful operation

GET /{tid}/entity_tags/{ds}

Produces

- application/json

Path parameters

- **tid** (required)
Tenant ID
- **ds** (required)
Data Source

Return type

array[[EntityTag](#)]

Example data

Content-Type: application/json

```
[ {  
  "identifier" : "identifier",  
  "tag" : "tag",  
  "type" : "type",  
  "tid" : "tid",  
  "did" : 0,  
}
```

```
"ds" : "ds"  
}, {  
  "identifier" : "identifier",  
  "tag" : "tag",  
  "type" : "type",  
  "tid" : "tid",  
  "did" : 0,  
  "ds" : "ds"  
} ]
```

Responses

200

successful operation

GET `/{tid}/entity_tags/{ds}/{did}`

Produces

- application/json

Path parameters

- **tid** (required)
Tenant ID
- **ds** (required)
Data Source
- **did** (required)
Data Identifier

Return type

array[[EntityTag](#)]

Example data

Content-Type: application/json

```
[ {  
  "identifier" : "identifier",
```

```
"tag" : "tag",
"type" : "type",
"tid" : "tid",
"did" : 0,
"ds" : "ds"
}, {
  "identifier" : "identifier",
  "tag" : "tag",
  "type" : "type",
  "tid" : "tid",
  "did" : 0,
  "ds" : "ds"
} ]
```

Responses

200

successful operation

GET `/{tid}/entity_tags/{ds}/{did}/{type}`

Produces

- application/json

Path parameters

- **tid** (required)
Tenant ID
- **ds** (required)
Data Source
- **did** (required)
Data Identifier
- **type** (required)
Tag Type (i.e. 'did')

Return type

array[[EntityTag](#)]

Example data

Content-Type: application/json

```
[ {
  "identifier" : "identifier",
  "tag" : "tag",
  "type" : "type",
  "tid" : "tid",
  "did" : 0,
  "ds" : "ds"
}, {
  "identifier" : "identifier",
  "tag" : "tag",
  "type" : "type",
  "tid" : "tid",
  "did" : 0,
  "ds" : "ds"
} ]
```

Responses

200

successful operation

GET `/{tid}/entity_tags/{ds}/{did}/{type}/{identifier}/{tag}`

Produces

- application/json

Path parameters

- **tid** (required)
Tenant ID
- **ds** (required)
Data Source
- **did** (required)
Data Identifier

- **type** (required)
Tag Type (i.e. 'did')
- **identifier** (required)
Tag Key
- **tag** (required)
Tag Value

Return type

[EntityTag](#)

Example data

Content-Type: application/json

```
{  
  "identifier" : "identifier",  
  "tag" : "tag",  
  "type" : "type",  
  "tid" : "tid",  
  "did" : 0,  
  "ds" : "ds"  
}
```

Responses

200

successful operation

GET `/{tid}/entity_tags/{ds}/{did}/{type}/{identifier}`

Produces

- application/json

Path parameters

- **tid** (required)
Tenant ID

- **ds** (required)
Data Source
- **did** (required)
Data Identifier
- **type** (required)
Tag Type (i.e. 'did')
- **identifier** (required)
Tag Key

Return type

array[[EntityTag](#)]

Example data

Content-Type: application/json

```
[ {  
  "identifier" : "identifier",  
  "tag" : "tag",  
  "type" : "type",  
  "tid" : "tid",  
  "did" : 0,  
  "ds" : "ds"  
}, {  
  "identifier" : "identifier",  
  "tag" : "tag",  
  "type" : "type",  
  "tid" : "tid",  
  "did" : 0,  
  "ds" : "ds"  
} ]
```

Responses

200

successful operation

PUT `/{tid}/entity_tags/{ds}/{did}/{type}/{identifier}/{tag}`

Consumes

- application/json

Produces

- application/json

Path parameters

- **tid** (required)
Tenant ID
- **ds** (required)
Data Source
- **did** (required)
Data Identifier
- **type** (required)
Tag Type (i.e. 'did')
- **identifier** (required)
Tag Key
- **tag** (required)
Tag Value

Request body

[EntityTag](#)

Responses

default

successful operation

Example Anomalies

GET /{tid}/alert_templates/example/{anomaly_type}

Produces

- application/json

Path parameters

- **tid** (required)
Tenant ID
- **anomaly_type** (required)
Analytics Anomaly Type (i.e. 200)

Return type

[ExampleAnomaly](#)

Example data

Content-Type: application/json

```
{
  "exampleEndTimestamp" : "exampleEndTimestamp",
  "exampleEntityType" : "exampleEntityType",
  "exampleEntityHash" : "exampleEntityHash",
  "exampleEntityName" : "exampleEntityName",
  "exampleRisk" : 6.027456183070403,
  "exampleProbability" : 1.4658129805029452,
  "exampleObserved" : 5.962133916683182,
  "exampleBaseline" : 5.637376656633329,
  "exampleIdHash" : "exampleIdHash",
  "tid" : "tid",
  "exampleTimestamp" : "exampleTimestamp",
  "exampleRelation" : "exampleRelation",
  "exampleIdName" : "exampleIdName",
  "exampleDid" : 0,
  "exampleAssociatedEntities" : "exampleAssociatedEntities",
  "exampleAnomalyType" : "exampleAnomalyType",
  "exampleIdType" : "exampleIdType"
}
```

Responses

200

successful operation

Field Mappings

POST `/{tid}/field_mappings`

Consumes

- application/json

Produces

- application/json

Path parameters

- **tid** (required)
Tenant ID

Request body

[FieldMapping](#)

Responses

default

successful operation

DELETE `/{tid}/field_mappings/{ds}/{did}/{field}`

Produces

- application/json

Path parameters

- **tid** (required)
Tenant ID
- **ds** (required)
Data Source
- **did** (required)
Data Identifier
- **field** (required)
Interset Field Name

Responses

default

successful operation

GET `/{tid}/field_mappings/{ds}/{did}/{field}`

Produces

- application/json

Path parameters

- **tid** (required)
Tenant ID
- **ds** (required)
Data Source
- **did** (required)
Data Identifier
- **field** (required)
Interset Field Name

Return type

[FieldMapping](#)

Example data

Content-Type: application/json

```
{
  "mappings" : "mappings",
  "field" : "field",
  "tid" : "tid",
  "did" : 0,
  "ds" : "ds"
}
```

Responses

200

successful operation

GET /{tid}/field_mappings

Produces

- application/json

Path parameters

- **tid** (required)
Tenant ID

Return type

array[[FieldMapping](#)]

Example data

Content-Type: application/json

```
[ {
  "mappings" : "mappings",
  "field" : "field",
  "tid" : "tid",
  "did" : 0,
}
```

```
"ds" : "ds"  
}, {  
  "mappings" : "mappings",  
  "field" : "field",  
  "tid" : "tid",  
  "did" : 0,  
  "ds" : "ds"  
} ]
```

Responses

200

successful operation

GET /{tid}/field_mappings/{ds}

Produces

- application/json

Path parameters

- **tid** (required)
Tenant ID
- **ds** (required)
Data Source

Return type

array[[FieldMapping](#)]

Example data

Content-Type: application/json

```
[ {  
  "mappings" : "mappings",  
  "field" : "field",  
  "tid" : "tid",  
  "did" : 0,  
}
```



```
"ds" : "ds"  
}, {  
  "mappings" : "mappings",  
  "field" : "field",  
  "tid" : "tid",  
  "did" : 0,  
  "ds" : "ds"  
} ]
```

Responses

200

successful operation

GET `/tid/field_mappings/ds/did`

Produces

- application/json

Path parameters

- **tid** (required)
Tenant ID
- **ds** (required)
Data Source
- **did** (required)
Data Identifier

Return type

array[[FieldMapping](#)]

Example data

Content-Type: application/json

```
[ {  
  "mappings" : "mappings",  
  "field" : "field",
```

```
"tid" : "tid",  
"did" : 0,  
"ds" : "ds"  
}, {  
  "mappings" : "mappings",  
  "field" : "field",  
  "tid" : "tid",  
  "did" : 0,  
  "ds" : "ds"  
} ]
```

Responses

200

successful operation

PUT `/{tid}/field_mappings/{ds}/{did}/{field}`

Produces

- application/json

Path parameters

- **tid** (required)
Tenant ID
- **ds** (required)
Data Source
- **did** (required)
Data Identifier
- **field** (required)
Interset Field Name

Request body

[FieldMapping](#)

Responses

default

successful operation

Importance

POST /{tid}/importance

Consumes

- application/json

Produces

- application/json

Path parameters

- **tid** (required)
Tenant ID

Request body

[Importance](#)

Responses

default

successful operation

DELETE /{tid}/importance/{entityType}/{entityId}

Produces

- application/json

Path parameters

- **tid** (required)
Tenant ID
- **entityType** (required)
Entity Type
- **entityId** (required)
Entity ID

Responses

default

successful operation

GET `/{tid}/importance/{entityType}/{entityId}`

Produces

- application/json

Path parameters

- **tid** (required)
Tenant ID
- **entityType** (required)
Entity Type
- **entityId** (required)
Entity ID

Return type

[Importance](#)

Example data

Content-Type: application/json

```
{
  "score" : 0.8008281904610115,
  "entityType" : "entityType",
  "entityId" : "entityId",
  "tid" : "tid",
  "timestamp" : "2000-01-23T04:56:07.000+00:00"
}
```

Responses

200

successful operation

GET /{tid}/importance

Produces

- application/json

Path parameters

- **tid** (required)

Tenant ID

Return type

array[[Importance](#)]

Example data

Content-Type: application/json

```
[ {
  "score" : 0.8008281904610115,
  "entityType" : "entityType",
  "entityId" : "entityId",
  "tid" : "tid",
}
```

```
"timestamp" : "2000-01-23T04:56:07.000+00:00"  
}, {  
  "score" : 0.8008281904610115,  
  "entityType" : "entityType",  
  "entityId" : "entityId",  
  "tid" : "tid",  
  "timestamp" : "2000-01-23T04:56:07.000+00:00"  
} ]
```

Responses

200

successful operation

GET /{tid}/importance/{entityType}

Produces

- application/json

Path parameters

- **tid** (required)
Tenant ID
- **entityType** (required)
Entity Type

Return type

array[[Importance](#)]

Example data

Content-Type: application/json

```
[ {  
  "score" : 0.8008281904610115,  
  "entityType" : "entityType",  
  "entityId" : "entityId",  
  "tid" : "tid",
```

```
"timestamp" : "2000-01-23T04:56:07.000+00:00"  
}, {  
  "score" : 0.8008281904610115,  
  "entityType" : "entityType",  
  "entityId" : "entityId",  
  "tid" : "tid",  
  "timestamp" : "2000-01-23T04:56:07.000+00:00"  
} ]
```

Responses

200

successful operation

PUT `/{tid}/importance/{entityType}/{entityId}`

Consumes

- application/json

Produces

- application/json

Path parameters

- **tid** (required)
Tenant ID
- **entityType** (required)
Entity Type
- **entityId** (required)
Entity ID

Request body

[Importance](#)

Responses

default

successful operation

Parameters

POST `/tid/parameters`

Consumes

- application/json

Produces

- application/json

Path parameters

- **tid** (required)
Tenant ID

Request body

[Parameter](#)

Responses

default

successful operation

DELETE `/tid/parameters/{name}`

Produces

- application/json

Path parameters

- **tid** (required)
Tenant ID
- **name** (required)
Parameter Name

Responses

default

successful operation

GET `/{tid}/parameters/{name}`

Produces

- application/json

Path parameters

- **tid** (required)
Tenant ID
- **name** (required)
Parameter Name

Return type

[Parameter](#)

Example data

Content-Type: application/json

```
{
  "name" : "name",
  "value" : 0.8008281904610115,
  "tid" : "tid"
}
```

Responses

200

successful operation

GET /{tid}/parameters

Produces

- application/json

Path parameters

- **tid** (required)
Tenant ID

Return type

array[[Parameter](#)]

Example data

Content-Type: application/json

```
[ {
  "name" : "name",
  "value" : 0.8008281904610115,
  "tid" : "tid"
}, {
  "name" : "name",
  "value" : 0.8008281904610115,
  "tid" : "tid"
} ]
```

Responses

200

successful operation

PUT `/{tid}/parameters/{name}`

Consumes

- application/json

Produces

- application/json

Path parameters

- **tid** (required)
Tenant ID
- **name** (required)
Parameter Name

Request body

[Parameter](#)

Responses

default

successful operation

Relation Tags

POST `/{tid}/relation_tags`

Consumes

- application/json

Produces

- application/json

Path parameters

- **tid** (required)
Tenant ID

Request body

[RelationTag](#)

Responses

default

successful operation

DELETE /{tid}/relation_tags/{ds}/{did}/{type}/{identifier}/{tag}

Produces

- application/json

Path parameters

- **tid** (required)
Tenant ID
- **ds** (required)
Data Source
- **did** (required)
Data Identifier
- **type** (required)

Tag Type (i.e. 'did')

- **identifier** (required)

Tag Key

- **tag** (required)

Tag Value

Responses

default

successful operation

GET `/{tid}/relation_tags`

Produces

- application/json

Path parameters

- **tid** (required)

Tenant ID

Return type

array[[RelationTag](#)]

Example data

Content-Type: application/json

```
[ {
  "identifier" : "identifier",
  "tag" : "tag",
  "type" : "type",
  "tid" : "tid",
  "did" : 0,
  "ds" : "ds"
}, {
  "identifier" : "identifier",
  "tag" : "tag",
```

```
"type" : "type",  
"tid" : "tid",  
"did" : 0,  
"ds" : "ds"  
} ]
```

Responses

200

successful operation

GET /{tid}/relation_tags/{ds}

Produces

- application/json

Path parameters

- **tid** (required)
Tenant ID
- **ds** (required)
Data Source

Return type

array[[RelationTag](#)]

Example data

Content-Type: application/json

```
[ {  
  "identifier" : "identifier",  
  "tag" : "tag",  
  "type" : "type",  
  "tid" : "tid",  
  "did" : 0,  
  "ds" : "ds"  
}, {
```

```
"identifier" : "identifier",
"tag" : "tag",
"type" : "type",
"tid" : "tid",
"did" : 0,
"ds" : "ds"
} ]
```

Responses

200

successful operation

GET `/{tid}/relation_tags/{ds}/{did}`

Produces

- application/json

Path parameters

- **tid** (required)
Tenant ID
- **ds** (required)
Data Source
- **did** (required)
Data Identifier

Return type

array[[RelationTag](#)]

Example data

Content-Type: application/json

```
[ {
  "identifier" : "identifier",
  "tag" : "tag",
  "type" : "type",
```

```
"tid" : "tid",
"did" : 0,
"ds" : "ds"
}, {
  "identifier" : "identifier",
  "tag" : "tag",
  "type" : "type",
  "tid" : "tid",
  "did" : 0,
  "ds" : "ds"
} ]
```

Responses

200

successful operation

GET `/{tid}/relation_tags/{ds}/{did}/{type}`

Produces

- application/json

Path parameters

- **tid** (required)
Tenant ID
- **ds** (required)
Data Source
- **did** (required)
Data Identifier
- **type** (required)
Tag Type (i.e. 'did')

Return type

array[[RelationTag](#)]

Example data

Content-Type: application/json

```
[ {
  "identifier" : "identifier",
  "tag" : "tag",
  "type" : "type",
  "tid" : "tid",
  "did" : 0,
  "ds" : "ds"
}, {
  "identifier" : "identifier",
  "tag" : "tag",
  "type" : "type",
  "tid" : "tid",
  "did" : 0,
  "ds" : "ds"
} ]
```

Responses

200

successful operation

GET `/{tid}/relation_tags/{ds}/{did}/{type}/{identifier}/{tag}`

Produces

- application/json

Path parameters

- **tid** (required)
Tenant ID
- **ds** (required)
Data Source
- **did** (required)
Data Identifier

- **type** (required)
Tag Type (i.e. 'did')
- **identifier** (required)
Tag Key
- **tag** (required)
Tag Value

Return type

[RelationTag](#)

Example data

Content-Type: application/json

```
{  
  "identifier" : "identifier",  
  "tag" : "tag",  
  "type" : "type",  
  "tid" : "tid",  
  "did" : 0,  
  "ds" : "ds"  
}
```

Responses

200

successful operation

GET `/{tid}/relation_tags/{ds}/{did}/{type}/{identifier}`

Produces

- application/json

Path parameters

- **tid** (required)
Tenant ID

- **ds** (required)
Data Source
- **did** (required)
Data Identifier
- **type** (required)
Tag Type (i.e. 'did')
- **identifier** (required)
Tag Key

Return type

array[[RelationTag](#)]

Example data

Content-Type: application/json

```
[ {  
  "identifier" : "identifier",  
  "tag" : "tag",  
  "type" : "type",  
  "tid" : "tid",  
  "did" : 0,  
  "ds" : "ds"  
}, {  
  "identifier" : "identifier",  
  "tag" : "tag",  
  "type" : "type",  
  "tid" : "tid",  
  "did" : 0,  
  "ds" : "ds"  
} ]
```

Responses

200

successful operation

PUT `/{tid}/relation_tags/{ds}/{did}/{type}/{identifier}/{tag}`

Consumes

- application/json

Produces

- application/json

Path parameters

- **tid** (required)
Tenant ID
- **ds** (required)
Data Source
- **did** (required)
Data Identifier
- **type** (required)
Tag Type (i.e. 'did')
- **identifier** (required)
Tag Key
- **tag** (required)
Tag Value

Request body

[RelationTag](#)

Responses

default

successful operation

Subqueries

POST `/{tid}/subqueries`

Consumes

- application/json

Produces

- application/json

Path parameters

- **tid** (required)
Tenant ID

Request body

Subquery

Responses

default

successful operation

DELETE /{tid}/subqueries/{ds}/{did}

Consumes

- application/json

Produces

- application/json

Path parameters

- **tid** (required)
Tenant ID
- **ds** (required)
Data Source

- **did** (required)
Data Identifier

Responses

default

successful operation

GET /{tid}/subqueries

Produces

- application/json

Path parameters

- **tid** (required)
Tenant ID

Return type

array[[Subquery](#)]

Example data

Content-Type: application/json

```
[ {  
  "subquery" : "subquery",  
  "tid" : "tid",  
  "did" : 0,  
  "ds" : "ds"  
}, {  
  "subquery" : "subquery",  
  "tid" : "tid",  
  "did" : 0,  
  "ds" : "ds"  
} ]
```

Responses

200

successful operation

GET /{tid}/subqueries/{ds}

Produces

- application/json

Path parameters

- **tid** (required)
Tenant ID
- **ds** (required)
Data Source

Return type

array[[Subquery](#)]

Example data

Content-Type: application/json

```
[ {  
  "subquery" : "subquery",  
  "tid" : "tid",  
  "did" : 0,  
  "ds" : "ds"  
}, {  
  "subquery" : "subquery",  
  "tid" : "tid",  
  "did" : 0,  
  "ds" : "ds"  
} ]
```

Responses

200

successful operation

GET `/{tid}/subqueries/{ds}/{did}`

Produces

- application/json

Path parameters

- **tid** (required)
Tenant ID
- **ds** (required)
Data Source
- **did** (required)
Data Identifier

Return type

Subquery

Example data

Content-Type: application/json

```
{
  "subquery" : "subquery",
  "tid" : "tid",
  "did" : 0,
  "ds" : "ds"
}
```

Responses

200

successful operation

PUT `/{tid}/subqueries/{ds}/{did}`

Consumes

- application/json

Produces

- application/json

Path parameters

- **tid** (required)
Tenant ID
- **ds** (required)
Data Source
- **did** (required)
Data Identifier

Request body

[Subquery](#)

Responses

default

successful operation

Violations

GET `/{tid}/violations/{violationName}`

Produces

- application/json

Path parameters

- **tid** (required)
Tenant ID
- **violationName** (required)
Alert Name

Return type

array[[AlertsMeta](#)]

Example data

Content-Type: application/json

```
[ {  
  "alertType" : "alertType",  
  "alertName" : "alertName",  
  "anomalyType" : 6,  
  "timeBucket" : "timeBucket",  
  "tid" : "tid",  
  "did" : 0,  
  "ds" : "ds"  
}, {  
  "alertType" : "alertType",  
  "alertName" : "alertName",  
  "anomalyType" : 6,  
  "timeBucket" : "timeBucket",  
  "tid" : "tid",  
  "did" : 0,  
  "ds" : "ds"  
} ]
```

Responses

200

successful operation

GET /{tid}/violations

Produces

- application/json

Path parameters

- **tid** (required)
Tenant ID

Return type

array[AlertsMeta]

Example data

Content-Type: application/json

```
[ {
  "alertType" : "alertType",
  "alertName" : "alertName",
  "anomalyType" : 6,
  "timeBucket" : "timeBucket",
  "tid" : "tid",
  "did" : 0,
  "ds" : "ds"
}, {
  "alertType" : "alertType",
  "alertName" : "alertName",
  "anomalyType" : 6,
  "timeBucket" : "timeBucket",
  "tid" : "tid",
  "did" : 0,
  "ds" : "ds"
} ]
```

Responses

200

successful operation

POST /{tid}/violations/register

Register Violation.

Consumes

- application/json

Produces

- application/json

Path parameters

- **tid** (required)
Tenant ID

Request body

[AlertsMetaViolations](#)

Responses

default

successful operation

Weights

POST /{tid}/weights

Consumes

- application/json

Produces

- application/json

Path parameters

- **tid** (required)
Tenant ID

Request body

[Weight](#)

Responses

default

successful operation

DELETE /{tid}/weights/{did}/{anomalyType}

Produces

- application/json

Path parameters

- **tid** (required)
Tenant ID
- **did** (required)
Data Identifier
- **anomalyType** (required)
Analytics Anomaly Type (i.e. 200)

Responses

default

successful operation

GET /{tid}/weights/{did}/{anomalyType}

Produces

- application/json

Path parameters

- **tid** (required)
Tenant ID
- **did** (required)
Data Identifier
- **anomalyType** (required)
Analytics Anomaly Type (i.e. 200)

Return type

[Weight](#)

Example data

Content-Type: application/json

```
{
  "anomalyType" : 6,
  "importance" : 5.637376656633329,
  "weight" : 1.4658129805029452,
  "probabilityThreshold" : 2.3021358869347655,
  "tid" : "tid",
  "did" : 0,
  "defaultWeight" : 5.962133916683182
}
```

Responses

200

successful operation

GET /{tid}/weights

Produces

- application/json

Path parameters

- **tid** (required)

Tenant ID

Return type

array[[Weight](#)]

Example data

Content-Type: application/json

```
[ {
  "anomalyType" : 6,
  "importance" : 5.637376656633329,
  "weight" : 1.4658129805029452,
  "probabilityThreshold" : 2.3021358869347655,
  "tid" : "tid",
  "did" : 0,
  "defaultWeight" : 5.962133916683182
}, {
  "anomalyType" : 6,
  "importance" : 5.637376656633329,
  "weight" : 1.4658129805029452,
  "probabilityThreshold" : 2.3021358869347655,
  "tid" : "tid",
  "did" : 0,
  "defaultWeight" : 5.962133916683182
} ]
```

Responses

200

successful operation

GET `/{tid}/weights/{did}`

Produces

- application/json

Path parameters

- **tid** (required)
Tenant ID
- **did** (required)
Data Identifier

Return type

array[[Weight](#)]

Example data

Content-Type: application/json

```
[ {
  "anomalyType" : 6,
  "importance" : 5.637376656633329,
  "weight" : 1.4658129805029452,
  "probabilityThreshold" : 2.3021358869347655,
  "tid" : "tid",
  "did" : 0,
  "defaultWeight" : 5.962133916683182
}, {
  "anomalyType" : 6,
  "importance" : 5.637376656633329,
  "weight" : 1.4658129805029452,
  "probabilityThreshold" : 2.3021358869347655,
  "tid" : "tid",
  "did" : 0,
  "defaultWeight" : 5.962133916683182
} ]
```

Responses

200

successful operation

PUT `/{tid}/weights/{did}/{anomalyType}`

Consumes

- application/json

Produces

- application/json

Path parameters

- **tid** (required)
Tenant ID
- **did** (required)
Data Identifier
- **anomalyType** (required)
Analytics Anomaly Type (i.e. 200)

Request body

Weight

Responses

default

successful operation

Models

AlertTemplate

- **tid** -- String
- **did** -- Integer
Format: int32
- **anomalyType** -- String

- **datasource** -- String
- **threatName** -- String
- **threatDescription** -- String
- **familyName** -- String
- **unitName** -- String
- **unitType** -- String
- **unitDescription** -- String
- **templatesTeaser** -- String
- **templatesAlert** -- String
- **templatesThreat** -- String
- **templatesFamily** -- String
- **templatesTooltip** -- String
- **reconSearchQuery** -- String
- **reconStartTime** -- String
- **reconEndTime** -- String
- **bucketSize** -- String
- **contextType** -- String
- **genericSearchQuery** -- String
- **genericTimeRangeQuery** -- String
- **sqlSearchQuery** -- String
- **hasAggregatedIdentifiers** -- Boolean

AlertsMeta

- **tid** -- String
- **ds** -- String
- **did** -- Integer

Format: int32

- **alertType** -- String
- **alertName** -- String
- **timeBucket** -- String
- **anomalyType** -- Integer
Format: int32

AlertsMetaSimple

- **tid** -- String
- **ds** -- String
- **did** -- Integer
Format: int32
- **alertName** -- String
- **timeBucket** -- String

AlertsMetaViolations

- **tid** -- String
- **ds** -- String
- **did** -- Integer
Format: int32
- **alertName** -- String
- **timeBucket** -- String
- **severity** -- String

AnomalyMeta

- **tid** -- String
- **anomalyType** -- Integer
Format: int32
- **timeBucket** -- String

ByomMeta

- **tid** -- String
- **ds** -- String
- **did** -- Integer
Format: int32
- **modelName** -- String
- **timeBucket** -- String
- **primEntitytype** -- String
- **secEntitytype** -- String
- **primEntityCol** -- String
- **secEntityCol** -- String
- **isActive** -- Boolean
- **targetClass** -- String

ByomMetaAnomalytype

- **tid** -- String
- **ds** -- String
- **did** -- Integer
Format: int32
- **modelName** -- String
- **timeBucket** -- String

- **primEntityType** -- String
- **secEntityType** -- String
- **primEntityCol** -- String
- **secEntityCol** -- String
- **isActive** -- Boolean
- **targetClass** -- String
- **anomalyType** -- Integer
Format: int32

DidTag

- **tid** -- String
- **ds** -- String
- **did** -- Integer
Format: int32
- **type** -- String
- **identifier** -- String
- **tag** -- String

EntityMapping

- **tid** -- String
- **ds** -- String
- **did** -- Integer
Format: int32
- **entityType** -- String
- **entityId** -- String
- **mapping** -- String

EntityTag

- **tid** -- String
- **ds** -- String
- **did** -- Integer
Format: int32
- **type** -- String
- **identifier** -- String
- **tag** -- String

ExampleAnomaly

- **tid** -- String
- **exampleAnomalyType** -- String
- **exampleDid** -- Integer
Format: int32
- **exampleTimestamp** -- String
- **exampleRisk** -- Double
Format: double
- **exampleProbability** -- Double
Format: double
- **exampleObserved** -- Double
Format: double
- **exampleBaseline** -- Double
Format: double
- **exampleRelation** -- String
- **exampleEntityName** -- String
- **exampleEntityHash** -- String
- **exampleEntityType** -- String

- **exampleIdName** -- String
- **exampleIdHash** -- String
- **exampleIdType** -- String
- **exampleEndTimestamp** -- String
- **exampleAssociatedEntities** -- String

FieldMapping

- **tid** -- String
- **ds** -- String
- **did** -- Integer
Format: int32
- **field** -- String
- **mappings** -- String

Importance

- **tid** -- String
- **entityType** -- String
- **entityId** -- String
- **score** -- Double
Format: double
- **timestamp** -- Date
Format: date-time

Parameter

- **tid** -- String
- **name** -- String

- **value** -- Double
Format: double

RelationTag

- **tid** -- String
- **ds** -- String
- **did** -- Integer
Format: int32
- **type** -- String
- **identifier** -- String
- **tag** -- String

Subquery

- **tid** -- String
- **ds** -- String
- **did** -- Integer
Format: int32
- **subquery** -- String

Weight

- **tid** -- String
- **did** -- Integer
Format: int32
- **anomalyType** -- Integer
Format: int32
- **weight** -- Double

Format: double

- **defaultWeight** -- Double

Format: double

- **importance** -- Double

Format: double

- **probabilityThreshold** -- Double

Format: double

Analytics API Reference

Version: 24.1

BasePath: /interset/api

actions

POST /actions/login

Log in

Authenticates and creates a new session for the specified user identifier and password. Returns a JSON structure containing an access token and the token type.

Consumes

- application/json

Produces

- application/json

Request body

[ApiCredentials](#)

Return type

[LoginResponse](#)

Example data

Content-Type: application/json

```
{
  "access_token" : "802BR4y-kajOPE4agOR_d4RaE-Ja",
  "token_type" : "Bearer"
}
```

Responses

200

successful operation

GET /actions/logoff

Log off

Ends the specified user session. Expects an Authorization header containing the string "<token_type>: <access_token>". The token_type is typically "Bearer".

Consumes

- application/json

Produces

- application/json

Request headers

- **Authorization** (optional) -- String

Return type

[ApiAction](#)

Example data

Content-Type: application/json

```
{
  "success" : true,
  "detail" : "logged off"
}
```

Responses

200

successful operation

GET /actions/logoff/saml

Log off (SAML)

Expects an Authorization header containing the string "<token_type>: <access_token>". You can get both of these using the /actions/login/saml method. The token_type is typically "Bearer".

This method redirects requests to the SAML logout URL.

Consumes

- application/json

Produces

- application/json

Request headers

- **Authorization** (optional) -- String

Query parameters

- **relayState** (optional)

Responses

default

successful operation

GET /actions/login/oauth2

Login (OAuth2)

Login API for OAuth2

Consumes

- application/json

Produces

- application/json

Query parameters

- **relayState** (optional)

Responses

default

successful operation

GET /actions/login/oauth2/callback

CallBack URI (OAuth2)

This is callback handler which is registered with OAuth2 provider and this handler will be called with authcode and state info

Consumes

- application/json

Produces

- application/json

Query parameters

- **code** (optional)
- **state** (optional)

Responses

default

successful operation

GET /actions/logoff/oauth2

Log off (OAuth2)

Revokes refresh token and invalidates all the sessions and cookies

Consumes

- application/json

Produces

- application/json

Request headers

- **Authorization** (optional) -- String

Query parameters

- **relayState** (optional)

Responses

default

successful operation

GET /actions/login/oauth2/renew


```
type='hidden' id='RelayState' name='RelayState' value='/interset'/></form><script
type='text/javascript'>document.getElementById('TheForm').submit
();</script></body></html>
```

Consumes

- application/json

Produces

- application/json

Query parameters

- **relayState** (optional)

The path where the user should be redirected once authenticated.

Responses

default

successful operation

POST /actions/login/saml/sso

Log in (SAML SSO)

Expects an IDP generated SAML response. Processes a signed SAML response.

Consumes

- application/x-www-form-urlencoded

Produces

- application/json

Form parameters

- **SAMLResponse** (optional)

- **RelayState** (optional)

The path where the user should be redirected once authenticated.

Responses

default

successful operation

dashboards{tenantId}

POST /dashboards/{tid}

Add a dashboard

Creates a new dashboard for the currently logged-in user.

Example Request Body

```
{
  "doc":{"title":"Overall Risk 2","layouts":[{"x":0,"y":0,"w":3,"h":16,"setting":
{"panelName":"MatrixVisualization"}]}},
  "description":"This is my second dashboard",
  "name":"Overall Risk 2",
  "private":false
}
```

Consumes

- application/json

Produces

- application/json

Path parameters

- **tid** (required)
The tenant ID.

Request body

[ApiSimpleDashboard](#)

Return type

[ApiDashboard](#)

Example data

Content-Type: application/json

```
{
  "private" : true,
  "lastModifiedDate" : "2000-01-23T04:56:07.000+00:00",
  "lastModifiedBy" : "lastModifiedBy",
  "name" : "name",
  "doc" : "doc",
  "description" : "description",
  "id" : 0,
  "creationDate" : "2000-01-23T04:56:07.000+00:00",
  "userId" : "userId",
  "tid" : "tid",
  "home" : true,
  "tags" : [ {
    "name" : "recon",
    "id" : "46b489f7f46588c6"
  }, {
    "name" : "recon",
    "id" : "46b489f7f46588c6"
  } ]
}
```

Responses

200

successful operation

PUT /dashboards/{tid}/tags/{id}

Attach a tag to a dashboard

Attaches a new tag

Example Request Body

```
{  
  "name": "newTag",  
}
```

Produces

- application/json

Path parameters

- **tid** (required)
The tenant ID.
- **id** (required)
The dashboard ID.

Request body

[ApiSimpleDashboardTag](#)

Responses

default

successful operation

DELETE /dashboards/{tid}/tags/{id}

Detach tag from dashboard

Removes specified tag from dashboard

Produces

- application/json

Path parameters

- **tid** (required)
The tenant ID.

- **id** (required)

Responses

default

successful operation

GET /dashboards/{tid}/{id}

Get a dashboard

Returns the JSON representation of the dashboard with the specified ID.

Example Response (Status 200)

```
{
  "doc": {"title": "Overall Risk 2", "layouts": [{"x": 0, "y": 0, "w": 3, "h": 16, "setting": {"panelName": "MatrixVisualization"}}]},
  "name": "Overall Risk 2",
  "description": "This is my second dashboard",
  "tid": "0",
  "userId": "admin",
  "id": 78,
  "lastModifiedBy": "admin",
  "creationDate": "2018-11-22",
  "lastModifiedDate": "2018-11-22",
  "home": null,
  "private": false
}
```

Produces

- application/json

Path parameters

- **tid** (required)
The tenant ID.
- **id** (required)
The dashboard ID.

Return type

[ApiDashboard](#)

Example data

Content-Type: application/json

```
{
  "private" : true,
  "lastModifiedDate" : "2000-01-23T04:56:07.000+00:00",
  "lastModifiedBy" : "lastModifiedBy",
  "name" : "name",
  "doc" : "doc",
  "description" : "description",
  "id" : 0,
  "creationDate" : "2000-01-23T04:56:07.000+00:00",
  "userId" : "userId",
  "tid" : "tid",
  "home" : true,
  "tags" : [ {
    "name" : "recon",
    "id" : "46b489f7f46588c6"
  }, {
    "name" : "recon",
    "id" : "46b489f7f46588c6"
  } ]
}
```

Responses

200

successful operation

GET /dashboards/{tid}

Get a list of dashboards

Returns all public dashboards for the tenant, as well as the logged-in user's private dashboards.

Example Response (Status 200)

```
[
  {
    "doc":null,
    "name":"Overall Risk 2",
    "description":"description":"This is my second dashboard",
    "tid":null,
    "userId":"admin",
    "id":78,
    "lastModifiedBy":"admin",
    "creationDate":"2018-11-22",
    "lastModifiedDate":"2018-11-22",
    "home":false,
    "tags":[
      {
        "name":"addedTag",
        "id":"4"
      }
    ],
    "private":false
  },
  {
    "doc":null,
    "name":"Breakdown Dashboard",
    "description":"description":"This is my breakdown dashboard",
    "tid":"0",
    "userId":"admin",
    "id":79,
    "lastModifiedBy":"admin",
    "creationDate":"2018-11-10",
    "lastModifiedDate":"2018-11-10",
    "home":true,
    "tags": [],
    "private":false
  }
]
```

Produces

- application/json

Path parameters

- **tid** (required)
The tenant ID.

Return type

array[[ApiDashboard](#)]

Example data

Content-Type: application/json

```
[ {
  "private" : true,
  "lastModifiedDate" : "2000-01-23T04:56:07.000+00:00",
  "lastModifiedBy" : "lastModifiedBy",
  "name" : "name",
  "doc" : "doc",
  "description" : "description",
  "id" : 0,
  "creationDate" : "2000-01-23T04:56:07.000+00:00",
  "userId" : "userId",
  "tid" : "tid",
  "home" : true,
  "tags" : [ {
    "name" : "recon",
    "id" : "46b489f7f46588c6"
  }, {
    "name" : "recon",
    "id" : "46b489f7f46588c6"
  } ]
}, {
  "private" : true,
  "lastModifiedDate" : "2000-01-23T04:56:07.000+00:00",
  "lastModifiedBy" : "lastModifiedBy",
  "name" : "name",
  "doc" : "doc",
  "description" : "description",
  "id" : 0,
  "creationDate" : "2000-01-23T04:56:07.000+00:00",
  "userId" : "userId",
  "tid" : "tid",
  "home" : true,
  "tags" : [ {
    "name" : "recon",
    "id" : "46b489f7f46588c6"
  }, {
    "name" : "recon",
    "id" : "46b489f7f46588c6"
  } ]
}
```

```
} ]
} ]
```

Responses

```
200
```

successful operation

GET /dashboards/{tid}/home

Get home dashboard

Returns the JSON representation of the home dashboard for the logged-in user.

Example Response (Status 200)

```
{
  "doc":{"title":"Overall Risk 2","layouts":[{"x":0,"y":0,"w":3,"h":16,"setting":
{"panelName":"MatrixVisualization"}]}},
  "name":"Overall Risk 2",
  "description":"This is my second dashboard",
  "tid":"0",
  "userId":"admin",
  "id":78,
  "lastModifiedBy":"admin",
  "creationDate":"2018-11-22",
  "lastModifiedDate":"2018-11-22",
  "home":null,
  "private":false
}
```

Produces

- application/json

Path parameters

- **tid** (required)
The tenant ID.

Responses

```
default
```

successful operation

GET /dashboards/{tid}/tags

Get a list of tags

Gets all tags for the tenant

Example Request Body

```
[
  {
    "name": "Aiden",
    "id": "4"
  },
  {
    "name": "Bryan",
    "id": "2"
  }
]
```

Produces

- application/json

Path parameters

- **tid** (required)
The tenant ID.

Return type

array[[ApiDashboardTag](#)]

Example data

Content-Type: application/json

```
[ {
  "name" : "recon",
  "id" : "46b489f7f46588c6"
}, {
  "name" : "recon",
  "id" : "46b489f7f46588c6"
} ]
```


Responses

200

successful operation

DELETE /dashboards/{tid}/{id}

Delete a dashboard

Deletes the dashboard with the specified ID. You must have the permissions required to delete the specified dashboard.

Produces

- application/json

Path parameters

- **tid** (required)
The tenant ID.
- **id** (required)

Responses

default

successful operation

DELETE /dashboards/{tid}/home

Reset home dashboard

Resets the home dashboard for the currently logged-in user.

Produces

- application/json

Path parameters

- **tid** (required)
The tenant ID.

Responses

default

successful operation

PUT /dashboards/{tid}/home/{id}

Update home dashboard

Sets the dashboard with the specified ID to be the home dashboard for the logged-in user.

Produces

- application/json

Path parameters

- **tid** (required)
The tenant ID.
- **id** (required)
The dashboard ID.

Responses

default

successful operation

PUT /dashboards/{tid}/{id}

Update a dashboard

Updates the dashboard with the specified ID. You must have the permissions required to update the specified dashboard.

Example Request Body

```
{
  "doc":{"title":"Overall Risk 2","layouts":[{"x":0,"y":0,"w":3,"h":16,"setting":
{"panelName":"MatrixVisualization"}}]},
  "description":"This is my second dashboard",
  "name":"Overall Risk 2",
  "private":false
}
```

Consumes

- application/json

Produces

- application/json

Path parameters

- **tid** (required)
The tenant ID.
- **id** (required)

Request body

[ApiSimpleDashboard](#)

Return type

[ApiDashboard](#)

Example data

Content-Type: application/json

```
{
  "private" : true,
  "lastModifiedDate" : "2000-01-23T04:56:07.000+00:00",
  "lastModifiedBy" : "lastModifiedBy",
  "name" : "name",
  "doc" : "doc",
  "description" : "description",
```

```
"id" : 0,  
"creationDate" : "2000-01-23T04:56:07.000+00:00",  
"userId" : "userId",  
"tid" : "tid",  
"home" : true,  
"tags" : [ {  
  "name" : "recon",  
  "id" : "46b489f7f46588c6"  
}, {  
  "name" : "recon",  
  "id" : "46b489f7f46588c6"  
} ]  
}
```

Responses

200

successful operation

events{tenantId}

POST /events/{tid}/savedSearches

Add a saved search

Creates a new saved search for the currently logged-in user.

Consumes

- application/json

Produces

- application/json

Path parameters

- **tid** (required)
The tenant ID.

Request body

[ApiSavedSearches](#)

Return type

[ApiSavedSearchesResponse](#)

Example data

Content-Type: application/json

```
{
  "docDraft" : {
    "integralNumber" : true,
    "double" : true,
    "valueNode" : true,
    "floatingPointNumber" : true,
    "bigInteger" : true,
    "nodeType" : "ARRAY",
    "float" : true,
    "int" : true,
    "long" : true,
    "textual" : true,
    "empty" : true,
    "missingNode" : true,
    "pojo" : true,
    "number" : true,
    "boolean" : true,
    "null" : true,
    "array" : true,
    "binary" : true,
    "containerNode" : true,
    "short" : true,
    "bigDecimal" : true,
    "object" : true
  },
  "columns" : {
    "integralNumber" : true,
    "double" : true,
    "valueNode" : true,
    "floatingPointNumber" : true,
    "bigInteger" : true,
    "nodeType" : "ARRAY",
    "float" : true,
    "int" : true,
```

```
"long" : true,
"textual" : true,
"empty" : true,
"missingNode" : true,
"pojo" : true,
"number" : true,
"boolean" : true,
"null" : true,
"array" : true,
"binary" : true,
"containerNode" : true,
"short" : true,
"bigDecimal" : true,
"object" : true
},
"name" : "name",
"doc" : {
  "integralNumber" : true,
  "double" : true,
  "valueNode" : true,
  "floatingPointNumber" : true,
  "bigInteger" : true,
  "nodeType" : "ARRAY",
  "float" : true,
  "int" : true,
  "long" : true,
  "textual" : true,
  "empty" : true,
  "missingNode" : true,
  "pojo" : true,
  "number" : true,
  "boolean" : true,
  "null" : true,
  "array" : true,
  "binary" : true,
  "containerNode" : true,
  "short" : true,
  "bigDecimal" : true,
  "object" : true
},
"columnsDraft" : {
  "integralNumber" : true,
  "double" : true,
  "valueNode" : true,
  "floatingPointNumber" : true,
  "bigInteger" : true,
  "nodeType" : "ARRAY",
```

```
"float" : true,
"int" : true,
"long" : true,
"textual" : true,
"empty" : true,
"missingNode" : true,
"pojo" : true,
"number" : true,
"boolean" : true,
"null" : true,
"array" : true,
"binary" : true,
"containerNode" : true,
"short" : true,
"bigDecimal" : true,
"object" : true
},
"id" : 0
}
```

Responses

200

successful operation

GET /events/{tid}/savedSearches

Get the saved searches for one user

Return the saved searches for one user on a specific tenant.

Produces

- application/json

Path parameters

- **tid** (required)
The tenant ID.

Return type

array[[ApiSavedSearchesResponse](#)]

Example data

Content-Type: application/json

```
[ {
  "docDraft" : {
    "integralNumber" : true,
    "double" : true,
    "valueNode" : true,
    "floatingPointNumber" : true,
    "bigInteger" : true,
    "nodeType" : "ARRAY",
    "float" : true,
    "int" : true,
    "long" : true,
    "textual" : true,
    "empty" : true,
    "missingNode" : true,
    "pojo" : true,
    "number" : true,
    "boolean" : true,
    "null" : true,
    "array" : true,
    "binary" : true,
    "containerNode" : true,
    "short" : true,
    "bigDecimal" : true,
    "object" : true
  },
  "columns" : {
    "integralNumber" : true,
    "double" : true,
    "valueNode" : true,
    "floatingPointNumber" : true,
    "bigInteger" : true,
    "nodeType" : "ARRAY",
    "float" : true,
    "int" : true,
    "long" : true,
    "textual" : true,
    "empty" : true,
    "missingNode" : true,
    "pojo" : true,
    "number" : true,
    "boolean" : true,
    "null" : true,
    "array" : true,
```



```
"binary" : true,
"containerNode" : true,
"short" : true,
"bigDecimal" : true,
"object" : true
},
"name" : "name",
"doc" : {
  "integralNumber" : true,
  "double" : true,
  "valueNode" : true,
  "floatingPointNumber" : true,
  "bigInteger" : true,
  "nodeType" : "ARRAY",
  "float" : true,
  "int" : true,
  "long" : true,
  "textual" : true,
  "empty" : true,
  "missingNode" : true,
  "pojo" : true,
  "number" : true,
  "boolean" : true,
  "null" : true,
  "array" : true,
  "binary" : true,
  "containerNode" : true,
  "short" : true,
  "bigDecimal" : true,
  "object" : true
},
"columnsDraft" : {
  "integralNumber" : true,
  "double" : true,
  "valueNode" : true,
  "floatingPointNumber" : true,
  "bigInteger" : true,
  "nodeType" : "ARRAY",
  "float" : true,
  "int" : true,
  "long" : true,
  "textual" : true,
  "empty" : true,
  "missingNode" : true,
  "pojo" : true,
  "number" : true,
  "boolean" : true,
```

```
"null" : true,
"array" : true,
"binary" : true,
"containerNode" : true,
"short" : true,
"bigDecimal" : true,
"object" : true
},
"id" : 0
}, {
"docDraft" : {
"integralNumber" : true,
"double" : true,
"valueNode" : true,
"floatingPointNumber" : true,
"bigInteger" : true,
"nodeType" : "ARRAY",
"float" : true,
"int" : true,
"long" : true,
"textual" : true,
"empty" : true,
"missingNode" : true,
"pojo" : true,
"number" : true,
"boolean" : true,
>null" : true,
"array" : true,
"binary" : true,
"containerNode" : true,
"short" : true,
"bigDecimal" : true,
"object" : true
},
"columns" : {
"integralNumber" : true,
"double" : true,
"valueNode" : true,
"floatingPointNumber" : true,
"bigInteger" : true,
"nodeType" : "ARRAY",
"float" : true,
"int" : true,
"long" : true,
"textual" : true,
"empty" : true,
"missingNode" : true,
```

```
"pojo" : true,
"number" : true,
"boolean" : true,
"null" : true,
"array" : true,
"binary" : true,
"containerNode" : true,
"short" : true,
"bigDecimal" : true,
"object" : true
},
"name" : "name",
"doc" : {
  "integralNumber" : true,
  "double" : true,
  "valueNode" : true,
  "floatingPointNumber" : true,
  "bigInteger" : true,
  "nodeType" : "ARRAY",
  "float" : true,
  "int" : true,
  "long" : true,
  "textual" : true,
  "empty" : true,
  "missingNode" : true,
  "pojo" : true,
  "number" : true,
  "boolean" : true,
  "null" : true,
  "array" : true,
  "binary" : true,
  "containerNode" : true,
  "short" : true,
  "bigDecimal" : true,
  "object" : true
},
"columnsDraft" : {
  "integralNumber" : true,
  "double" : true,
  "valueNode" : true,
  "floatingPointNumber" : true,
  "bigInteger" : true,
  "nodeType" : "ARRAY",
  "float" : true,
  "int" : true,
  "long" : true,
  "textual" : true,
```

```
"empty" : true,  
"missingNode" : true,  
"pojo" : true,  
"number" : true,  
"boolean" : true,  
"null" : true,  
"array" : true,  
"binary" : true,  
"containerNode" : true,  
"short" : true,  
"bigDecimal" : true,  
"object" : true  
},  
"id" : 0  
} ]
```

Responses

200

successful operation

DELETE /events/{tid}/savedSearches/{id}

Delete a saved search

Deletes the saved search with the specified ID. You must have the permissions required to delete the specified saved search.

Produces

- application/json

Path parameters

- **tid** (required)
The tenant ID.
- **id** (required)

Responses

default

successful operation

DELETE /events/{tid}/savedSearches/{id}/draft

Removes a saved search draft

Deletes the draft for the saved search with the specified ID.

Produces

- application/json

Path parameters

- **tid** (required)
The tenant ID.
- **id** (required)

Responses

default

successful operation

PUT /events/{tid}/savedSearches/{id}

Update a saved search

Updates the saved search with the specified ID. You must have the permissions required to update the specified saved search.

Consumes

- application/json

Produces

- application/json

Path parameters

- **tid** (required)
The tenant ID.

- **id** (required)

Request body

[ApiSavedSearches](#)

Return type

[ApiSavedSearchesResponse](#)

Example data

Content-Type: application/json

```
{
  "docDraft" : {
    "integralNumber" : true,
    "double" : true,
    "valueNode" : true,
    "floatingPointNumber" : true,
    "bigInteger" : true,
    "nodeType" : "ARRAY",
    "float" : true,
    "int" : true,
    "long" : true,
    "textual" : true,
    "empty" : true,
    "missingNode" : true,
    "pojo" : true,
    "number" : true,
    "boolean" : true,
    "null" : true,
    "array" : true,
    "binary" : true,
    "containerNode" : true,
    "short" : true,
    "bigDecimal" : true,
    "object" : true
  },
  "columns" : {
    "integralNumber" : true,
    "double" : true,
    "valueNode" : true,
    "floatingPointNumber" : true,
    "bigInteger" : true,
    "nodeType" : "ARRAY",
```

```
"float" : true,
"int" : true,
"long" : true,
"textual" : true,
"empty" : true,
"missingNode" : true,
"pojo" : true,
"number" : true,
"boolean" : true,
"null" : true,
"array" : true,
"binary" : true,
"containerNode" : true,
"short" : true,
"bigDecimal" : true,
"object" : true
},
"name" : "name",
"doc" : {
  "integralNumber" : true,
  "double" : true,
  "valueNode" : true,
  "floatingPointNumber" : true,
  "bigInteger" : true,
  "nodeType" : "ARRAY",
  "float" : true,
  "int" : true,
  "long" : true,
  "textual" : true,
  "empty" : true,
  "missingNode" : true,
  "pojo" : true,
  "number" : true,
  "boolean" : true,
  "null" : true,
  "array" : true,
  "binary" : true,
  "containerNode" : true,
  "short" : true,
  "bigDecimal" : true,
  "object" : true
},
"columnsDraft" : {
  "integralNumber" : true,
  "double" : true,
  "valueNode" : true,
  "floatingPointNumber" : true,
```

```
"bigInteger" : true,  
"nodeType" : "ARRAY",  
"float" : true,  
"int" : true,  
"long" : true,  
"textual" : true,  
"empty" : true,  
"missingNode" : true,  
"pojo" : true,  
"number" : true,  
"boolean" : true,  
"null" : true,  
"array" : true,  
"binary" : true,  
"containerNode" : true,  
"short" : true,  
"bigDecimal" : true,  
"object" : true  
},  
"id" : 0  
}
```

Responses

200

successful operation

PUT /events/{tid}/savedSearches/{id}/draft

Replace the draft for one saved search

Updates the draft for the saved search with the specified ID.

Consumes

- application/json

Produces

- application/json

Path parameters

- **tid** (required)
The tenant ID.
- **id** (required)

Request body

[ApiSavedSearchesDraft](#)

Return type

[ApiSavedSearchesDraft](#)

Example data

Content-Type: application/json

```
{
  "docDraft" : {
    "integralNumber" : true,
    "double" : true,
    "valueNode" : true,
    "floatingPointNumber" : true,
    "bigInteger" : true,
    "nodeType" : "ARRAY",
    "float" : true,
    "int" : true,
    "long" : true,
    "textual" : true,
    "empty" : true,
    "missingNode" : true,
    "pojo" : true,
    "number" : true,
    "boolean" : true,
    "null" : true,
    "array" : true,
    "binary" : true,
    "containerNode" : true,
    "short" : true,
    "bigDecimal" : true,
    "object" : true
  },
  "columnsDraft" : {
```

```
"integralNumber" : true,  
"double" : true,  
"valueNode" : true,  
"floatingPointNumber" : true,  
"bigInteger" : true,  
"nodeType" : "ARRAY",  
"float" : true,  
"int" : true,  
"long" : true,  
"textual" : true,  
"empty" : true,  
"missingNode" : true,  
"pojo" : true,  
"number" : true,  
"boolean" : true,  
"null" : true,  
"array" : true,  
"binary" : true,  
"containerNode" : true,  
"short" : true,  
"bigDecimal" : true,  
"object" : true  
}  
}
```

Responses

200

successful operation

info

GET /info/auth

Get authentication provider information

Returns information about enabled authentication provider(s).

Example Response (Status 200)

```
{  
  "ldap": false,  
}
```

```
"sam1": true,  
"local": false  
}
```

Produces

- application/json

Responses

default

successful operation

GET /info/analysedEntities/{tid}

Get the number of entities that have been ingested and are available for analysis

Returns the number of availed entities in the dataset.

Example Response (Status 200)

Filtering the results

The results can be filtered using the `q` parameter, which accepts a filter query (e.g., `entityType:users OR entityType:machines`):

- **entityType**: Allows filtering using the entityTypes (e.g., `entityType:users`)

Produces

- application/json

Path parameters

- **tid** (required)
The tenant ID.

Query parameters

- **q** (optional)
Query filter.

Responses

default

successful operation

GET /info/deployment

Get deployment information

Returns information about deployment type.

Example Response (Status 200)

```
{
  "ldap": false,
  "saml": true,
  "local": false
}
```

Produces

- application/json

Responses

default

successful operation

GET /info/session

Get session information

Returns information about the current session.

Produces

- application/json

Return type

[SessionInfo](#)

Example data

Content-Type: application/json

```
{
  "extendedApi" : [ {
    "schema" : "schema",
    "prefix" : "prefix",
    "name" : "name",
    "description" : "description",
    "menu" : "menu",
    "permissionsByMethod" : {
      "key" : "ACCESS_INTELLIGENCE"
    }
  }, {
    "schema" : "schema",
    "prefix" : "prefix",
    "name" : "name",
    "description" : "description",
    "menu" : "menu",
    "permissionsByMethod" : {
      "key" : "ACCESS_INTELLIGENCE"
    }
  } ],
  "persistentSessions" : false,
  "permissions" : [ {
    "features" : "showTuning",
    "tenantName" : "Interaset",
    "tenantId" : "0",
    "permission" : "ACCESS_INTELLIGENCE,VIEW_INTELLIGENCE_RAW_EVENTS",
    "userId" : "camilla"
  }, {
    "features" : "showTuning",
    "tenantName" : "Interaset",
    "tenantId" : "0",
    "permission" : "ACCESS_INTELLIGENCE,VIEW_INTELLIGENCE_RAW_EVENTS",
    "userId" : "camilla"
  } ],
  "userDisplayName" : "Camilla Ferguson",
  "swaggerEndpoints" : {
    "key" : "swaggerEndpoints"
  },
  "analyticsTuningAvailable" : true,
  "disableTenantManagement" : false,
  "accessToken" : "FFvoDf8VkeKITR-L3z3xU_uKZxrT",
  "userId" : "camilla"
}
```

Responses

200

successful operation

GET /info/build

Get version information

Returns information about this Interset build.

Example Response (Status 200)

```
{
  "Api-Current-Version": "6.3.0",
  "Build-Date": "2018-04-27T03:01:37Z",
  "Build-Number": "6.3.0.102",
  "Archiver-Version": "Plexus Archiver",
  "Built-By": "root",
  "Version": "6.3.0-SNAPSHOT",
  "Manifest-Version": "1.0",
  "Git-Commit": "b72836125ba95d855397b7fa63e50847f3fe255a",
  "Main-Class": "com.interset.reporting.InvestigatorApplication",
  "Git-Branch": "6.3.0",
  "Application": "com.interset.reporting",
  "Name": "reporting",
  "Created-By": "Apache Maven 3.3.9",
  "Build-Jdk": "1.8.0_92",
  "Api-Deprecated-Version": "5.9.0"
}
```

Produces

- application/json

Responses

default

successful operation

rawEvents{tenantId}

POST /rawEvents/{tid}/typeAhead

Auto-complete event field by column

Produces

- application/json

Path parameters

- **tid** (required)
The tenant ID.

Request body

[RawEventsTypeaheadRequest](#)

Request headers

- **Intersect-Version** (optional) -- String
Indicates which version of the API to use. Defaults to the latest version. Call GET /api/info/build to see available API versions.

Query parameters

- **ts** (optional)
Start time in seconds. If no value is provided, the start time of the dataset is used. You can also use (case-insensitive) natural language with relative times, for example, 'first monday in july, 2017', or '10 days ago'.
- **te** (optional)
End time in seconds. If no value is provided, the end time of the dataset is used. You can also use (case-insensitive) natural language with relative times, for example, 'first monday in july, 2017', or '10 days ago'.

Responses

default

successful operation

GET /rawEvents/{tid}/csv

Get raw data as CSV

Download raw events in CSV format.

Produces

- application/json

Path parameters

- **tid** (required)
The tenant ID.

Query parameters

- **q** (optional)
Accepts a Kibana-type query against the applicable raw data. For example, (user: ("camilla")) AND (project:("csrv/re13/Auditor")).
- **ds** (optional)
Comma separated list of datasources against which to query. Default includes all.
- **count** (optional)
The maximum number of raw events to return.
- **tz** (optional)
The timezone in which the results should be returned (e.g., +5:00, America/Montreal, EST).
- **ts** (optional)
Start time in seconds. If no value is provided, the start time of the dataset is used. You can also use (case-insensitive) natural language with relative times, for example, 'first monday in july, 2017', or '10 days ago'.
- **te** (optional)
End time in seconds. If no value is provided, the end time of the dataset is used. You can also use (case-insensitive) natural language with relative times, for example, 'first monday in july, 2017', or '10 days ago'.

Responses

```
default
```

successful operation

GET /rawEvents/{tid}

Get raw data as JSON

Download raw events in JSON format.

Produces

- application/json

Path parameters

- **tid** (required)
The tenant ID.

Request headers

- **Intersect-Version** (optional) -- String
Indicates which version of the API to use. Defaults to the latest version. Call GET /api/info/build to see available API versions.

Query parameters

- **q** (optional)
Accepts a Kibana-type query against the applicable raw data. For example, (user: ("camilla")) AND (project:("csrv/re13/Auditor")).
- **ds** (optional)
Comma separated list of datasources against which to query. Default includes all.
- **count** (optional)
The maximum number of raw events to return.
- **includeFields** (optional)
Should the fields be returned. If false, allFields and sortableFields will be omitted.
- **tz** (optional)
The timezone in which the results should be returned (e.g., +5:00, America/Montreal, EST).
- **ts** (optional)
Start time in seconds. If no value is provided, the start time of the dataset is used. You can also use (case-insensitive) natural language with relative times, for example, 'first monday in july, 2017', or '10 days ago'.

- **te** (optional)

End time in seconds. If no value is provided, the end time of the dataset is used. You can also use (case-insensitive) natural language with relative times, for example, 'first monday in july, 2017', or '10 days ago'.

Responses

default

successful operation

POST /rawEvents/{tid}/graph

Consumes

- application/json

Produces

- application/json

Path parameters

- **tid** (required)
The tenant ID.

Request body

[RawEventsGraphRequest](#)

Request headers

- **Intersect-Version** (optional) -- String
Indicates which version of the API to use. Defaults to the latest version. Call GET /api/info/build to see available API versions.

Query parameters

- **tz** (optional)
The timezone in which the results should be returned (e.g., +5:00, America/Montreal, EST).
- **ts** (optional)
Start time in seconds. If no value is provided, the start time of the dataset is used. You can also use (case-insensitive) natural language with relative times, for example, 'first monday in july, 2017', or '10 days ago'.
- **te** (optional)
End time in seconds. If no value is provided, the end time of the dataset is used. You can also use (case-insensitive) natural language with relative times, for example, 'first monday in july, 2017', or '10 days ago'.

Responses

```
default
```

successful operation

POST /rawEvents/{tid}/resolve

Get raw data as json or csv

Retrieve raw events in csv or json.

Consumes

- application/json

Produces

- application/json

Path parameters

- **tid** (required)
The tenant ID.

Request body

```
array[String]
```

Request headers

- **Intersect-Version** (optional) -- String
Indicates which version of the API to use. Defaults to the latest version. Call GET /api/info/build to see available API versions.

Query parameters

- **format** (optional)
The format of the response. Can be json or csv.
- **tz** (optional)
The timezone in which the results should be returned (e.g., +5:00, America/Montreal, EST).
- **ts** (optional)
Start time in seconds. If no value is provided, the start time of the dataset is used. You can also use (case-insensitive) natural language with relative times, for example, 'first monday in july, 2017', or '10 days ago'.
- **te** (optional)
End time in seconds. If no value is provided, the end time of the dataset is used. You can also use (case-insensitive) natural language with relative times, for example, 'first monday in july, 2017', or '10 days ago'.

Responses

```
default
```

successful operation

GET /rawEvents/{tid}/resolve/{id}

Get raw data as json or csv

Retrieve raw events in csv or json.

Consumes

- application/json

Produces

- application/json

Path parameters

- **tid** (required)
The tenant ID.
- **id** (required)
Event id

Request headers

- **Intersect-Version** (optional) -- String
Indicates which version of the API to use. Defaults to the latest version. Call GET `/api/info/build` to see available API versions.

Query parameters

- **format** (optional)
The format of the response. Can be json or csv.
- **tz** (optional)
The timezone in which the results should be returned (e.g., +5:00, America/Montreal, EST).
- **ts** (optional)
Start time in seconds. If no value is provided, the start time of the dataset is used. You can also use (case-insensitive) natural language with relative times, for example, 'first monday in july, 2017', or '10 days ago'.
- **te** (optional)
End time in seconds. If no value is provided, the end time of the dataset is used. You can also use (case-insensitive) natural language with relative times, for example, 'first monday in july, 2017', or '10 days ago'.

Responses

```
default
```

successful operation

POST /rawEvents/{tid}/search

Get an event stream that returns raw data as it's retrieved from backend storage

Stream raw events

Consumes

- application/json

Produces

- text/event-stream

Path parameters

- **tid** (required)
The tenant ID.

Request body

[RawEventsRequest](#)

Request headers

- **Intersect-Version** (optional) -- String
Indicates which version of the API to use. Defaults to the latest version. Call GET /api/info/build to see available API versions.

Query parameters

- **count** (optional)
The maximum number of raw events to return.
- **includeFields** (optional)
Should the fields be returned. If false, allFields and sortableFields will be omitted.
- **tz** (optional)
The timezone in which the results should be returned (e.g., +5:00, America/Montreal, EST).
- **scrollId** (optional)
The scrollId from the previous request. Use this scrollId to get subsequent results.
- **ts** (optional)
Start time in seconds. If no value is provided, the start time of the dataset is used. You can also use (case-insensitive) natural language with relative times, for example, 'first monday in july, 2017', or '10 days ago'.
- **te** (optional)

End time in seconds. If no value is provided, the end time of the dataset is used. You can also use (case-insensitive) natural language with relative times, for example, 'first monday in july, 2017', or '10 days ago'.

Responses

```
default
```

successful operation

search{tenantId}

GET /search/{tid}/{rollupLevel}/breakdown/risk

Get risk breakdown for alerts/anomalies

Gets the number of anomalies or alerts for each risk breakdown (low, medium, high, extreme).

Example Response (Status 200)

```
{
  "requestTime": 29,
  "data": {
    "extreme": 38,
    "high": 433,
    "low": 231422,
    "medium": 2103
  },
  "cached": "false"
}
```

Filtering the results

The results can be filtered using the `q` parameter, which accepts a filter query (e.g., `userid:a1cb99f133d83b44 AND risk:extreme`):

- **userid:** Allows filtering using the entityHash; use `serverid`, `projectid`, and so on, to filter on other types of scored entities.
- **user:** Allows filtering using the entityName; use `server`, `project`, and so on, to filter on other types of scored entities.
- **risk:** Allows filtering by risk level (low, medium, high, extreme).
- **anomalies:** Allows filtering by anomaly types (e.g., `anomalies:201,202`).

Although the operators AND and OR serve as separators between different filters, their respective values are currently ignored. Filters concerning the same `entityType` are automatically ORed, and those concerning different entities are ANDed.

Produces

- application/json

Path parameters

- **tid** (required)
The tenant ID.
- **rollupLevel** (required)
The level at which anomalies are combined. Aggregates combine similar alerts within the same time period across entities. Alerts combine similar anomalies within the same time period for a single entity.

Request headers

- **Intersect-Version** (optional) -- String
Indicates which version of the API to use. Defaults to the latest version. Call GET /api/info/build to see available API versions.

Query parameters

- **minRisk** (optional)
Minimum anomaly/alert risk. All anomalies/alerts below this threshold are excluded from the results.
- **maxRisk** (optional)
Maximum anomaly/alert risk. All anomalies/alerts above this threshold are excluded from the results.
- **q** (optional)
Query filter.
- **scType** (optional)
Scaled contribution type. Always use `risk`; `contribution` is deprecated.
- **sc** (optional)
Scaled contribution. Deprecated; use `minRisk`.
- **ts** (optional)

Start time in seconds. If no value is provided, the start time of the dataset is used. You can also use (case-insensitive) natural language with relative times, for example, 'first monday in july, 2017', or '10 days ago'.

- **te** (optional)

End time in seconds. If no value is provided, the end time of the dataset is used. You can also use (case-insensitive) natural language with relative times, for example, 'first monday in july, 2017', or '10 days ago'.

Responses

default

successful operation

GET /search/{tid}/{rollupLevel}

Get anomalies/alerts/aggregates for the selected level

Returns anomalies, alerts, or aggregates for the selected rollup and for the specified tenant.

Example Response (Status 200)

```
{
  "requestTime": 29,
  "data": [
    {
      "id": "",
      "alertId": "",
      "datasource": "repo",
      "timestamp": 1393567200,
      "risk": 13,
      "contribution": 10,
      "significance": 88,
      "templates": {
        "threat": "",
        "family": "",
        "teaser": "",
        "alert": "",
        "tooltip": ""
      },
      "anomalyTypes": [
        11
      ],
      "numAnomalies": 2,
      "category": "Repository",
    }
  ]
}
```

```

    "bucketSize": "hourly",
    "rollupLevel": "alerts",
    "numChildren": 2,
    "parentId": "aggId1",
    "kibana": {
      "searchQuery": "",
      "indexName": ""
    },
    "contextAnomalyId": "",
    "contextType": "none",
    "tags": [
      {
        "id": "tagId1",
        "name": "foo",
        "source": "user",
        "createdAt": 1493453400000,
        "createdBy": "jp"
      },
      {
        "id": "tagId1",
        "name": "foo",
        "source": "user",
        "createdAt": 1493567200000,
        "createdBy": "sean"
      }
    ]
  },
],
"totalHits": 25,
"scrollId": "vabsjk5h24e1kdasjfojdabhgjk32b5b",
"cached": false
}

```

Filtering the results

The results can be filtered using the `q` parameter, which accepts a filter query (e.g., `userid:a1cb99f133d83b44 AND risk:extreme`):

- **userid**: Allows filtering using the `entityHash`; use `serverid`, `projectid`, and so on, to filter on other types of scored entities.
- **user**: Allows filtering using the `entityName`; use `server`, `project`, and so on, to filter on other types of scored entities.
- **risk**: Allows filtering by risk level (low, medium, high, extreme).
- **anomalies**: Allows filtering by anomaly types (e.g., `anomalies:201,202`).

Although the operators AND and OR serve as separators between different filters, their respective values are currently ignored. Filters concerning the same `entityType` are automatically ORed, and those concerning different entities are ANDed.

Produces

- application/json

Path parameters

- **tid** (required)
The tenant ID.
- **rollupLevel** (required)
The level at which anomalies are combined. Aggregates combine similar alerts within the same time period across entities. Alerts combine similar anomalies within the same time period for a single entity.

Request headers

- **Intersect-Version** (optional) -- String
Indicates which version of the API to use. Defaults to the latest version. Call GET /api/info/build to see available API versions.

Query parameters

- **count** (optional)
count
- **sort** (optional)
Method of sorting alerts.
- **sortOrder** (optional)
Specifies the sort order of the results. Possible values are desc and asc.
- **riskSort** (optional)
Risk sort order in which to return entities.
- **minRisk** (optional)
Minimum anomaly/alert risk. All anomalies/alerts below this threshold are excluded from the results.
- **maxRisk** (optional)
Maximum anomaly/alert risk. All anomalies/alerts above this threshold are excluded from the results.
- **q** (optional)
Query filter.

- **markup** (optional)
Indicates whether to include handlebar markup in alert text. When `false`, the returned anomalies contain only plain English text that can be displayed directly without further processing. When `true`, anomalies may contain markup tags in double curly braces, `{{ and }}`. For more information about rendering the returned anomalies, see the Introduction section of the developer guide.
- **scrollId** (optional)
The `scrollId` from the previous request. Use this `scrollId` to get subsequent results.
- **scType** (optional)
Scaled contribution type. Always use `risk`; `contribution` is deprecated.
- **sc** (optional)
Scaled contribution. Deprecated; use `minRisk`.
- **ts** (optional)
Start time in seconds. If no value is provided, the start time of the dataset is used. You can also use (case-insensitive) natural language with relative times, for example, 'first monday in july, 2017', or '10 days ago'.
- **te** (optional)
End time in seconds. If no value is provided, the end time of the dataset is used. You can also use (case-insensitive) natural language with relative times, for example, 'first monday in july, 2017', or '10 days ago'.

Responses

```
default
```

successful operation

GET /search/{tid}/{rollupLevel}/count

Get total count for rollup level

Gets the total number of aggregates, alerts, or anomalies for the specified tenant and rollup level.

Example Response (Status 200)

```
{
  "requestTime": 29,
  "data": {
```

```
"count": 237086
},
"cached": "false"
}
```

Filtering the results

The results can be filtered using the `q` parameter, which accepts a filter query (e.g., `userid:a1cb99f133d83b44 AND risk:extreme`):

- **userid**: Allows filtering using the entityHash; use `serverid`, `projectid`, and so on, to filter on other types of scored entities.
- **user**: Allows filtering using the entityName; use `server`, `project`, and so on, to filter on other types of scored entities.
- **risk**: Allows filtering by risk level (low, medium, high, extreme).
- **anomalies**: Allows filtering by anomaly types (e.g., `anomalies:201,202`).

Although the operators AND and OR serve as separators between different filters, their respective values are currently ignored. Filters concerning the same entityType are automatically ORed, and those concerning different entities are ANDed.

Produces

- `application/json`

Path parameters

- **tid** (required)
The tenant ID.
- **rollupLevel** (required)
The level at which anomalies are combined. Aggregates combine similar alerts within the same time period across entities. Alerts combine similar anomalies within the same time period for a single entity.

Request headers

- **Intersect-Version** (optional) -- String
Indicates which version of the API to use. Defaults to the latest version. Call `GET /api/info/build` to see available API versions.

Query parameters

- **minRisk** (optional)
Minimum anomaly/alert risk. All anomalies/alerts below this threshold are excluded from the results.
- **maxRisk** (optional)
Maximum anomaly/alert risk. All anomalies/alerts above this threshold are excluded from the results.
- **q** (optional)
Query filter.
- **scType** (optional)
Scaled contribution type. Always use `risk`; `contribution` is deprecated.
- **sc** (optional)
Scaled contribution. Deprecated; use `minRisk`.
- **ts** (optional)
Start time in seconds. If no value is provided, the start time of the dataset is used. You can also use (case-insensitive) natural language with relative times, for example, 'first monday in july, 2017', or '10 days ago'.
- **te** (optional)
End time in seconds. If no value is provided, the end time of the dataset is used. You can also use (case-insensitive) natural language with relative times, for example, 'first monday in july, 2017', or '10 days ago'.

Responses

```
default
```

successful operation

GET /search/{tid}/{rollupLevel}/{rollupId}

Get anomaly/alert/aggregate for specified rollupId

Returns the anomaly, alert, or aggregate with the specified rollup ID (anomaly ID, alert ID, aggregate ID).

Example Response (Status 200)

```
{
  "requestTime": 29,
  "data": {
    "id": "ebea3079901fd4c1",
    "alertId": "ebea3079901fd4c1",
    "datasource": "repo",
    "timestamp": 1393453400,
    "risk": 8100,
    "contribution": 100,
    "significance": 88,
    "templates": {
      "threat": "",
      "family": "",
      "teaser": "",
      "alert": "",
      "tooltip": ""
    },
    "anomalyTypes": [
      11
    ],
    "numAnomalies": 2,
    "category": "Repository",
    "bucketSize": "hourly",
    "rollupLevel": "alerts",
    "numChildren": 2,
    "parentId": null,
    "kibana": {
      "searchQuery": "",
      "indexName": ""
    },
    "contextAnomalyId": "",
    "contextType": "none",
    "tags": [
      {
        "id": "tagId1",
        "name": "foo",
        "source": "user",
        "createdAt": 1493453400000,
        "createdBy": "jp"
      },
      {
        "id": "tagId1",
        "name": "foo",
        "source": "user",
        "createdAt": 1493567200000,
        "createdBy": "sean"
      }
    ]
  }
}
```

```

},
"totalHits": 25,
"cached": "false",
"scrollId": "vabsjk5h24e1kdasjfojdabhgjk32b5b"
}

```

Filtering the results

The results can be filtered using the `q` parameter, which accepts a filter query (e.g., `userid:a1cb99f133d83b44 AND risk:extreme`):

- **userid**: Allows filtering using the entityHash; use `serverid`, `projectid`, and so on, to filter on other types of scored entities.
- **user**: Allows filtering using the entityName; use `server`, `project`, and so on, to filter on other types of scored entities.
- **risk**: Allows filtering by risk level (low, medium, high, extreme).
- **anomalies**: Allows filtering by anomaly types (e.g., `anomalies:201,202`).

Although the operators AND and OR serve as separators between different filters, their respective values are currently ignored. Filters concerning the same entityType are automatically ORed, and those concerning different entities are ANDed.

Produces

- `application/json`

Path parameters

- **tid** (required)
The tenant ID.
- **rollupLevel** (required)
The level at which anomalies are combined. Aggregates combine similar alerts within the same time period across entities. Alerts combine similar anomalies within the same time period for a single entity.
- **rollupId** (required)
The ID of the aggregate, alert or anomaly to match.

Request headers

- **Intersect-Version** (optional) -- String
Indicates which version of the API to use. Defaults to the latest version. Call `GET /api/info/build` to see available API versions.

Query parameters

- **markup** (optional)

Indicates whether to include handlebar markup in alert text. When `false`, the returned anomalies contain only plain English text that can be displayed directly without further processing. When `true`, anomalies may contain markup tags in double curly braces, `{{` and `}}`. For more information about rendering the returned anomalies, see the Introduction section of the developer guide.

- **riskSort** (optional)

Which risk score should be associated with an entity.

Responses

default

successful operation

GET /search/{tid}/controllers/authentications

Get authentication attempts

Provides an overview of the number of successful and failed authentication attempts made against servers.

Example Response (Status 200)

```
{
  "requestTime": 29,
  "data": {
    "failed": 4,
    "succeeded": 45
  },
  "cached": "false"
}
```

Filtering the results

The results can be filtered using the `q` parameter, which accepts a filter query (e.g., `userid:a1cb99f133d83b44 AND risk:extreme`):

- **userid**: Allows filtering using the `entityHash`; use `serverid`, `projectid`, and so on, to filter on other types of scored entities.

- **user:** Allows filtering using the `entityName`; use `server`, `project`, and so on, to filter on other types of scored entities.
- **risk:** Allows filtering by risk level (low, medium, high, extreme).
- **anomalies:** Allows filtering by anomaly types (e.g., `anomalies:201,202`).

Although the operators AND and OR serve as separators between different filters, their respective values are currently ignored. Filters concerning the same `entityType` are automatically ORed, and those concerning different entities are ANDed.

Produces

- `application/json`

Path parameters

- **tid** (required)
The tenant ID.

Request headers

- **Intersect-Version** (optional) -- String
Indicates which version of the API to use. Defaults to the latest version. Call `GET /api/info/build` to see available API versions.

Query parameters

- **q** (optional)
Query filter.
- **ts** (optional)
Start time in seconds. If no value is provided, the start time of the dataset is used. You can also use (case-insensitive) natural language with relative times, for example, 'first monday in july, 2017', or '10 days ago'.
- **te** (optional)
End time in seconds. If no value is provided, the end time of the dataset is used. You can also use (case-insensitive) natural language with relative times, for example, 'first monday in july, 2017', or '10 days ago'.

Responses

`default`

successful operation

GET /search/{tid}/{rollupLevel}/{rollupId}/context

Get context around an aggregate/alert/anomaly

Returns the context and statistics for the specified anomaly, alert, or aggregate.

Example Response (Status 200)

```
{
  "requestTime": 29,
  "data": {
    "values": [
      {
        "key": "probability",
        "value": 33.0,
        "type": "percentage",
        "description": "Anomalousness",
        "displayName": ""
      }
    ],
    "contextType": "rare",
    "threat": "Potential Internal Recon",
    "threatDescription": "When a user who rarely interacts with a certain volume type then accesses it, this may represent suspicious activity.",
    "unit": "Anomaly Score",
    "unitDescription": "\"Anomaly Score\" represents how unusual it was for a user to interact with a specific volume type, when that user rarely uses that volume type. The anomaly is based on any use of a volume type by a user, compared to normal behavior.",
    "unitType": "Unknown",
    "bucketSize": "hourly"
  },
  "cached": "false"
}
```

Filtering the results

The results can be filtered using the `q` parameter, which accepts a filter query (e.g., `userid:a1cb99f133d83b44 AND risk:extreme`):

- **userid**: Allows filtering using the entityHash; use `serverid`, `projectid`, and so on, to filter on other types of scored entities.
- **user**: Allows filtering using the entityName; use `server`, `project`, and so on, to filter on other types of scored entities.
- **risk**: Allows filtering by risk level (low, medium, high, extreme).
- **anomalies**: Allows filtering by anomaly types (e.g., `anomalies:201,202`).

Although the operators AND and OR serve as separators between different filters, their respective values are currently ignored. Filters concerning the same `entityType` are automatically ORed, and those concerning different entities are ANDed.

Produces

- `application/json`

Path parameters

- **tid** (required)
The tenant ID.
- **rollupLevel** (required)
The level at which anomalies are combined. Aggregates combine similar alerts within the same time period across entities. Alerts combine similar anomalies within the same time period for a single entity.
- **rollupId** (required)
The ID of the aggregate, alert or anomaly to match.

Request headers

- **Intersect-Version** (optional) -- String
Indicates which version of the API to use. Defaults to the latest version. Call GET `/api/info/build` to see available API versions.

Responses

```
default
```

successful operation

GET `/search/{tid}/{entityType}`

Get entities of a specific type

Returns entities of the specified type sorted by `entityName`.

Example Response (Status 200)

```
{  
  "requestTime": 29,
```

```

"data": [
  {
    "entityHash": "bc23443bd21342fa8997e",
    "entityType": "usr",
    "entityName": "Frank"
  },
  {
    "entityHash": "a89789b897e897d768ef8",
    "entityType": "usr",
    "entityName": "François"
  },
  {
    "entityHash": "9ba897e8978898e87fd76",
    "entityType": "usr",
    "entityName": "Joséphine"
  }
],
"totalHits": 25,
"scrollId": "vabsjk5h24elkdasjfojdabhgjk32b5b",
"cached": false
}

```

Produces

- application/json

Path parameters

- **tid** (required)
The tenant ID.
- **entityType** (required)
The entity type, for example, user, volume, printer, website, etc.

Request headers

- **Intersect-Version** (optional) -- String
Indicates which version of the API to use. Defaults to the latest version. Call GET /api/info/build to see available API versions.

Query parameters

- **count** (optional)
The number of entities to return.
- **sortOrder** (optional)

Specifies the sort order of the results. Possible values are desc and asc.

- **scrollId** (optional)

The scrollId from the previous request. Use this scrollId to get subsequent results.

Responses

default

successful operation

GET /search/{tid}/{entityType}/{entityHash}

Get entity details

Given an entity hash, returns the entity's name, type, bot score, tags and clusters.

```
{
  "requestTime": 29,
  "data": {
    "entityType": "user",
    "entityHash": "a1cb99f133d83b44",
    "entityName": "camilla",
    "botScore": 0.0007642867371433429,
    "tags": "[ BOT ]",
    "clusters": "[ KMEANS_2 ]"
  },
  "totalHits": 25,
  "scrollId": "vabsjk5h24e1kdasjfojdabhgjk32b5b",
  "cached": false
}
```

Produces

- application/json

Path parameters

- **tid** (required)
The tenant ID.
- **entityType** (required)
The entity type, for example, user, volume, printer, website, etc.
- **entityHash** (required)
Element hash (e.g., 393ff13c9b519ec2).

Request headers

- **Intersect-Version** (optional) -- String

Indicates which version of the API to use. Defaults to the latest version. Call GET /api/info/build to see available API versions.

Responses

default

successful operation

POST /search/{tid}/entityByName

Get entity details by entity name

Given an entity name and optionally an entity type, returns the entity's name, type, bot score, tags and clusters.

```
{
  "requestTime": 0,
  "data": {
    "entityType": "user",
    "entityHash": "c6b00f4cca9b3d9",
    "entityName": "jacquelyn.higdon",
    "botScore": 0.00032597667691905424,
    "tags": [],
    "clusters": [
      "KMEANS_5"
    ]
  },
  "cached": false
}
```

Produces

- application/json

Path parameters

- **tid** (required)
The tenant ID.

Request body

[ApiEntityNameRequest](#)

Request headers

- **Intersect-Version** (optional) -- String
Indicates which version of the API to use. Defaults to the latest version. Call GET /api/info/build to see available API versions.

Responses

default

successful operation

GET /search/{tid}/{entityType}/{entityHash}/risk

Get the entity risk score

Returns the current risk score for the specified entity for the specified time range. If the long format is requested, the entity's most significant alert is included in the response. The value of riskChange represents the change in risk over the past day. Note that the long format response and the risk change are populated only when the current risk score is requested for the entity.

Example Response (Status 200)

```
{
  "requestTime": 29,
  "data": {
    "entityHash": "bc23443bd21342fa8997e",
    "entityType": "user",
    "entityName": "Annie",
    "risk": 25,
    "riskChange": -1,
    "lastActivity": 1453957200,
    "preDecayedRisk": 0,
    "decayedToTimestamp": 0,
    "mostSignificantAlert": {
      "id": "",
      "alertId": "",
      "datasource": "auth",

```



```

    "timestamp": 1459144000,
    "risk": 100,
    "contribution": 2,
    "significance": 100,
    "templates": {
      "threat": "",
      "family": "",
      "teaser": "",
      "alert": "",
      "tooltip": ""
    },
    "anomalyTypes": [],
    "numAnomalies": 3,
    "category": "Active Directory",
    "bucketSize": "hourly",
    "rollupLevel": "alerts",
    "numChildren": 3,
    "parentId": "aggId",
    "kibana": {
      "searchQuery": "",
      "indexName": ""
    },
    "contextAnomalyId": "",
    "contextType": "none"
  },
  "tags": [
    {
      "id": "9v3sdqdC2jd0FJCBuYcAPw",
      "name": "reviewed",
      "source": "user",
      "description": ""
    }
  ]
},
"cached": "false"
}

```

Produces

- application/json

Path parameters

- **tid** (required)
The tenant ID.
- **entityType** (required)
The entity type, for example, user, volume, printer, website, etc.

- **entityHash** (required)
Element hash (e.g., 393ff13c9b519ec2).

Request headers

- **Intersect-Version** (optional) -- String
Indicates which version of the API to use. Defaults to the latest version. Call GET `/api/info/build` to see available API versions.

Query parameters

- **sort** (optional)
The risk to return for the entity.
- **format** (optional)
The format of the response. When set to `long`, the top alert information for the entity is included in the response.
- **markup** (optional)
Indicates whether to include handlebar markup in alert text. When `false`, the returned anomalies contain only plain English text that can be displayed directly without further processing. When `true`, anomalies may contain markup tags in double curly braces, `{{ and }}`. For more information about rendering the returned anomalies, see the Introduction section of the developer guide.
- **tz** (optional)
The timezone in which the results should be returned (e.g., `+5:00, America/Montreal, EST`).
- **ts** (optional)
Start time in seconds. If no value is provided, the start time of the dataset is used. You can also use (case-insensitive) natural language with relative times, for example, 'first monday in july, 2017', or '10 days ago'.
- **te** (optional)
End time in seconds. If no value is provided, the end time of the dataset is used. You can also use (case-insensitive) natural language with relative times, for example, 'first monday in july, 2017', or '10 days ago'.

Responses

```
default
```

```
successful operation
```

GET /search/{tid}/{entityType}/{entityHash}/riskGraph

Get the entity risk graph

Returns a timeline of an entity's risk scores in a given time range. The risk returned in each time bucket represents the maximum risk for that entity within that bucket's time range.

Example Response (Status 200)

The first array represents the start of each time bucket in seconds. Buckets with no risk are omitted. Each item in the second array represents the risk score for the bucket at the same index in the first array.

```
{
  "requestTime": 29,
  "data": [
    {
      "risk": 14,
      "timestamp": 1457982000
    },
    {
      "risk": 5,
      "timestamp": 1458003600
    },
    {
      "risk": 12,
      "timestamp": 1458046800
    }
  ],
  "cached": "false"
}
```

Produces

- application/json

Path parameters

- **tid** (required)
The tenant ID.
- **entityType** (required)
The entity type, for example, user, volume, printer, website, etc.
- **entityHash** (required)
Element hash (e.g., 393ff13c9b519ec2).

Request headers

- **Intersect-Version** (optional) -- String

Indicates which version of the API to use. Defaults to the latest version. Call GET `/api/info/build` to see available API versions.

Query parameters

- **count** (optional)

The number of time buckets to return between `ts` and `te`. Each time bucket contains the entity's maximum risk in that time range.

- **interval** (optional)

The bucket interval (supersedes the `count` parameter). Accepted values are: "day". Buckets are broken down based on the requested time zone.

- **tz** (optional)

The timezone in which the results should be returned (e.g., +5:00, America/Montreal, EST).

- **ts** (optional)

Start time in seconds. If no value is provided, the start time of the dataset is used. You can also use (case-insensitive) natural language with relative times, for example, 'first monday in july, 2017', or '10 days ago'.

- **te** (optional)

End time in seconds. If no value is provided, the end time of the dataset is used. You can also use (case-insensitive) natural language with relative times, for example, 'first monday in july, 2017', or '10 days ago'.

Responses

```
default
```

successful operation

GET /search/{tid}/users/bots

Get bot users

Returns bot users ordered by descending bot score.

Example Response (Status 200)

```
{
  "requestTime": 29,
  "data": [
    {
      "entityName": "anne@intserset.com",
      "entityHash": "aadfd74dc21710de",
      "entityType": "bot",
      "risk": 0.73,
      "tags": [
        {
          "id": "tagId0987",
          "name": "FORCEBOT",
          "source": "analytics",
          "description": ""
        },
        {
          "id": "tagId1244",
          "name": "BOT",
          "source": "analytics",
          "description": ""
        }
      ]
    }
  ],
  "cached": "false"
}
```

Produces

- application/json

Path parameters

- **tid** (required)
The tenant ID.

Request headers

- **Interset-Version** (optional) -- String
Indicates which version of the API to use. Defaults to the latest version. Call GET /api/info/build to see available API versions.

Query parameters

- **count** (optional)
The number of bots to return

Responses

default

successful operation

GET /search/{tid}/distribution/risk

Get entity risk distribution

Returns the number of entities associated with each risk level at the most current time in the dataset.

Example Response (Status 200)

```
{
  "requestTime": 29,
  "data": {
    "risks": {
      "high": 0,
      "total": 370,
      "low": 370,
      "medium": 0,
      "extreme": 0
    },
    "entityTypes": ["projects", "users"],
    "name": "risk",
    "count": 4,
    "type": "current"
  },
  "cached": "false"
}
```

Filtering the results

The results can be filtered using the `q` parameter, which accepts a filter query (e.g., `userid:a1cb99f133d83b44 AND risk:extreme`):

- **userid**: Allows filtering using the entityHash; use `serverid`, `projectid`, and so on, to filter on other types of scored entities.

- **user:** Allows filtering using the `entityName`; use `server`, `project`, and so on, to filter on other types of scored entities.
- **risk:** Allows filtering by risk level (low, medium, high, extreme).
- **anomalies:** Allows filtering by anomaly types (e.g., `anomalies:201,202`).

Although the operators AND and OR serve as separators between different filters, their respective values are currently ignored. Filters concerning the same `entityType` are automatically ORed, and those concerning different entities are ANDed.

Produces

- `application/json`

Path parameters

- **tid** (required)
The tenant ID.

Request headers

- **Intersect-Version** (optional) -- String
Indicates which version of the API to use. Defaults to the latest version. Call `GET /api/info/build` to see available API versions.

Query parameters

- **q** (optional)
Query filter.
- **includeAssociatedEntities** (optional)
If `false` and the `q` parameter filters for one or more entities and/or entity types, related entities of other entity types are not returned.
- **ts** (optional)
Start time in seconds. If no value is provided, the start time of the dataset is used. You can also use (case-insensitive) natural language with relative times, for example, 'first monday in july, 2017', or '10 days ago'.
- **te** (optional)
End time in seconds. If no value is provided, the end time of the dataset is used. You can also use (case-insensitive) natural language with relative times, for example, 'first monday in july, 2017', or '10 days ago'.

Responses

default

successful operation

GET /search/{tid}/{entityType}/distribution/risk

Get the entity risk distribution

Provides an overview of how many entities of the specified type are associated with each risk level at the most current time in the dataset.

Example Response (Status 200)

```
{
  "requestTime": 29,
  "data": {
    "risks": {
      "high": 0,
      "total": 370,
      "low": 370,
      "medium": 0,
      "extreme": 0
    },
    "entityTypes": ["projects"],
    "name": "risk",
    "count": 4,
    "type": "current"
  },
  "cached": "false"
}
```

Filtering the results

The results can be filtered using the `q` parameter, which accepts a filter query (e.g., `userid:a1cb99f133d83b44 AND risk:extreme`):

- **userid**: Allows filtering using the entityHash; use `serverid`, `projectid`, and so on, to filter on other types of scored entities.
- **user**: Allows filtering using the entityName; use `server`, `project`, and so on, to filter on other types of scored entities.
- **risk**: Allows filtering by risk level (low, medium, high, extreme).
- **anomalies**: Allows filtering by anomaly types (e.g., `anomalies:201,202`).

Although the operators AND and OR serve as separators between different filters, their respective values are currently ignored. Filters concerning the same `entityType` are automatically ORed, and those concerning different entities are ANDed.

Produces

- `application/json`

Path parameters

- **tid** (required)
The tenant ID.
- **entityType** (required)
The entity type, for example, user, volume, printer, website, etc.

Request headers

- **Intersect-Version** (optional) -- String
Indicates which version of the API to use. Defaults to the latest version. Call `GET /api/info/build` to see available API versions.

Query parameters

- **q** (optional)
Query filter.
- **ts** (optional)
Start time in seconds. If no value is provided, the start time of the dataset is used. You can also use (case-insensitive) natural language with relative times, for example, 'first monday in july, 2017', or '10 days ago'.
- **te** (optional)
End time in seconds. If no value is provided, the end time of the dataset is used. You can also use (case-insensitive) natural language with relative times, for example, 'first monday in july, 2017', or '10 days ago'.

Responses

`default`

successful operation

GET /search/{tid}/info

Get tenant data overview

Provides an overview of the tenant's data. Information includes scored entities and their counts, the total number of events analyzed, the anomalies discovered, and the time the tenant was last modified.

Example Response (Status 200)

```
{
  "requestTime": 29,
  "data": {
    "timestart": 0,
    "timeend": 1488213317,
    "lastModified": 0,
    "totalDocs": 0,
    "totalScoredFiles": 0,
    "totalCurrentScoredFiles": 0,
    "totalScoredMachines": 0,
    "totalCurrentScoredMachines": 0,
    "totalScoredProjects": 0,
    "totalCurrentScoredProjects": 0,
    "totalScoredServers": 0,
    "totalCurrentScoredServers": 0,
    "totalScoredUsers": 0,
    "totalCurrentScoredUsers": 0,
    "totalScoredVolumes": 0,
    "totalCurrentScoredVolumes": 0,
    "totalScoredPrinters": 0,
    "totalCurrentScoredPrinters": 0,
    "totalScoredShares": 0,
    "totalCurrentScoredShares": 0,
    "totalScoredResources": 0,
    "totalCurrentScoredResources": 0,
    "totalScoredWebsites": 0,
    "totalCurrentScoredWebsites": 0,
    "totalScoredIps": 0,
    "totalCurrentScoredIps": 0,
    "totalAlerts": 0,
    "totalAnomalies": 0,
    "totalEvents": 0,
    "datasources": [
      "vpn",
      "auth",
      "netflow"
    ],
  },
}
```

```
"families": [],
"threatTypes": ["Suspicious Activity", "Potential Account Misuse"],
"uiMappings": {
  "volume": {
    "plural": "Volumes",
    "singular": "Volume",
    "query": "volume"
  },
  "server": {
    "plural": "Servers",
    "singular": "Server",
    "query": "server"
  },
  "website": {
    "plural": "Websites",
    "singular": "Website",
    "query": "website"
  },
  "file": {
    "plural": "Files",
    "singular": "File",
    "query": "file"
  },
  "resource": {
    "plural": "Resources",
    "singular": "Resource",
    "query": "resource"
  },
  "machine": {
    "plural": "Engines",
    "singular": "Engine",
    "query": "machine"
  },
  "ip": {
    "plural": "IP Addresses",
    "singular": "IP Address",
    "query": "ip"
  },
  "printer": {
    "plural": "Printers",
    "singular": "Printer",
    "query": "printer"
  },
  "project": {
    "plural": "Projects",
    "singular": "Project",
    "query": "project"
  },
  "share": {
    "plural": "Shares",
```

```

    "singular": "Share",
    "query": "share"
  },
  "user": {
    "plural": "Players",
    "singular": "Player",
    "query": "player"
  }
},
"features": [
  "awesomeFeature",
  "forAllFeature"
]
},
"cached": "false"
}

```

Produces

- application/json

Path parameters

- **tid** (required)
The tenant ID.

Request headers

- **Intersect-Version** (optional) -- String
Indicates which version of the API to use. Defaults to the latest version. Call GET /api/info/build to see available API versions.

Query parameters

- **ts** (optional)
Start time in seconds. If no value is provided, the start time of the dataset is used. You can also use (case-insensitive) natural language with relative times, for example, 'first monday in july, 2017', or '10 days ago'.
- **te** (optional)
End time in seconds. If no value is provided, the end time of the dataset is used. You can also use (case-insensitive) natural language with relative times, for example, 'first monday in july, 2017', or '10 days ago'.

Responses

default

successful operation

GET /search/{tid}/matrix/{type}

Get anomaly matrix

Returns a grid representation of the number of anomalies for each risk and time range. Parameters *tn* and *rn* can be used to control the number of datapoints returned.

Example Response (Status 200)

```
{
  "requestTime": 29,
  "data": {
    "id": "6e129a48-e3cb-471c-90a4-e431f53301e5",
    "query": null,
    "axis": {
      "type": "timestamp",
      "min": 1440388800,
      "max": 1445540400,
      "count": 10
    },
  },
  "dimensions": [
    {
      "maxvalue": 1640,
      "rows": 10,
      "axis": {
        "type": "risk",
        "min": 0,
        "max": 100,
        "count": 10
      },
    },
  ],
  "totalhits": 21745,
  "data": [
    [
      1475,
      1475,
      1514,
      1640,
      1227,
      1024,
      733,
```

```
    765,  
    782,  
    583  
  ],  
  [  
    305,  
    305,  
    338,  
    308,  
    244,  
    611,  
    255,  
    205,  
    496,  
    157  
  ],  
  [  
    25,  
    25,  
    127,  
    22,  
    20,  
    247,  
    94,  
    25,  
    125,  
    19  
  ],  
  [  
    500,  
    500,  
    408,  
    400,  
    400,  
    530,  
    400,  
    500,  
    579,  
    381  
  ],  
  [  
    0,  
    0,  
    51,  
    0,  
    0,  
    76,  
    0,  
    0,  
    0,
```

```
    0
  ],
  [
    0,
    0,
    12,
    0,
    0,
    0,
    0,
    0,
    0,
    0
  ],
  [
    50,
    50,
    40,
    40,
    40,
    116,
    40,
    50,
    50,
    38
  ],
  [
    0,
    0,
    0,
    0,
    0,
    0,
    0,
    0,
    0,
    0
  ],
  [
    50,
    50,
    37,
    40,
    40,
    40,
    40,
    50,
    50,
    38
  ],
],
```

```

    [
      100,
      100,
      80,
      80,
      80,
      92,
      80,
      100,
      100,
      76
    ]
  ]
}
]
},
"cached": "false"
}

```

Filtering the results

The results can be filtered using the `q` parameter, which accepts a filter query (e.g., `userid:a1cb99f133d83b44 AND risk:extreme`):

- **userid**: Allows filtering using the entityHash; use `serverid`, `projectid`, and so on, to filter on other types of scored entities.
- **user**: Allows filtering using the entityName; use `server`, `project`, and so on, to filter on other types of scored entities.
- **risk**: Allows filtering by risk level (low, medium, high, extreme).
- **anomalies**: Allows filtering by anomaly types (e.g., `anomalies:201,202`).

Although the operators AND and OR serve as separators between different filters, their respective values are currently ignored. Filters concerning the same entityType are automatically ORed, and those concerning different entities are ANDed.

Produces

- `application/json`

Path parameters

- **tid** (required)
The tenant ID.
- **type** (required)
The type of anomaly representation that should be graphed on the matrix.

Request headers

- **Intersect-Version** (optional) -- String
Indicates which version of the API to use. Defaults to the latest version. Call GET `/api/info/build` to see available API versions.

Query parameters

- **rn** (optional)
The number of risk rows to include in the matrix.
- **tn** (optional)
The number of time buckets into which the time window should be split (matrix columns)
- **q** (optional)
Query filter.
- **ts** (optional)
Start time in seconds. If no value is provided, the start time of the dataset is used. You can also use (case-insensitive) natural language with relative times, for example, 'first monday in july, 2017', or '10 days ago'.
- **te** (optional)
End time in seconds. If no value is provided, the end time of the dataset is used. You can also use (case-insensitive) natural language with relative times, for example, 'first monday in july, 2017', or '10 days ago'.

Responses

```
default
```

successful operation

GET `/search/{tid}/riskGraph/breakdown`

Population risk breakdown

Returns a list of time buckets containing a breakdown of anomaly contribution to the population risk at each of those points in time. The risk can be included in the response by setting the query string parameter `includeRisk` to `true`. For performance reasons, we recommend that you call the `/riskGraph` endpoint if you are fetching only the risk.

A breakdown of contribution can be retrieved by:

- **risk:** Breakdown of anomaly risk levels that contributed to the current population risk
- **entityType:** Breakdown of the entityType involved in anomalies that contributed to the current population risk
- **threat/workingDays:** Breakdown of threat types involved in anomalies that contributed to the current population risk

Example Response (Status 200)

Example of population risk breakdown by entity type:

```
{
  "requestTime": 29,
  "data": {
    "breakdown": [
      {
        "timestamp": 1479898800,
        "timestampStr": "2016-11-23T03:00:00-08:00[America/Los_Angeles]",
        "groupBy": "entityType",
        "values": {
          "projects": {
            "contribution": 23.0
          },
          "servers": {
            "contribution": 37.0
          },
          "files": {
            "contribution": 15.0
          },
          "users": {
            "contribution": 25.0
          }
        }
      }
    ],
    "categories": [
      "files",
      "machines",
      "projects",
      "servers",
      "users",
      "volumes",
      "printers",
      "shares",
      "resources",
      "websites",
      "ips"
    ]
  }
},
```

```
"cached": "false"  
}
```

Filtering the results

The results can be filtered using the `q` parameter, which accepts a filter query (e.g., `userid:a1cb99f133d83b44 AND risk:extreme`):

- **userid**: Allows filtering using the `entityHash`; use `serverid`, `projectid`, and so on, to filter on other types of scored entities.
- **user**: Allows filtering using the `entityName`; use `server`, `project`, and so on, to filter on other types of scored entities.
- **risk**: Allows filtering by risk level (low, medium, high, extreme).
- **anomalies**: Allows filtering by anomaly types (e.g., `anomalies:201,202`).

Although the operators AND and OR serve as separators between different filters, their respective values are currently ignored. Filters concerning the same `entityType` are automatically ORed, and those concerning different entities are ANDed.

Produces

- `application/json`

Path parameters

- **tid** (required)
The tenant ID.

Request headers

- **Intersect-Version** (optional) -- String
Indicates which version of the API to use. Defaults to the latest version. Call GET `/api/info/build` to see available API versions.

Query parameters

- **count** (optional)
If `interval` is set to `day`, the number of days to graph, working backwards from `te`; otherwise, the number of time buckets to return between `ts` and `te`. Each time bucket contains the entity's maximum risk in that time range. Maximum value of 100. The minimum bucket size is 1 hour.
- **interval** (optional)

Bucket interval (supersedes the count parameter). Accepted values are: "day". Buckets are broken down based on the requested timezone.

- **breakdownBy** (optional)
Specifies how the risk contribution is broken down
- **includeRisk** (optional)
When true, indicates that the risk for each bucket should be returned. The risk can be retrieved in parallel for the same buckets by using the /riskGraph endpoint with the same parameters.
- **tz** (optional)
The timezone in which the results should be returned (e.g., +5:00, America/Montreal, EST).
- **q** (optional)
Query filter.
- **ts** (optional)
Start time in seconds. If no value is provided, the start time of the dataset is used. You can also use (case-insensitive) natural language with relative times, for example, 'first monday in july, 2017', or '10 days ago'.
- **te** (optional)
End time in seconds. If no value is provided, the end time of the dataset is used. You can also use (case-insensitive) natural language with relative times, for example, 'first monday in july, 2017', or '10 days ago'.

Responses

```
default
```

successful operation

GET /search/{tid}/riskGraph

Population risk graph

Returns a list of time buckets containing the population risk at each of those points in time. The risk in each bucket represents a combination of the risk scores at that time for each entity not filtered out.

Example Response (Status 200)

```
{
  "requestTime": 29,
  "data": {
    "breakdown": [
      {
        "timestamp": 1479898800,
        "timestampStr": "2016-11-23T03:00:00-08:00[America/Los_Angeles]",
        "risk": 32.0
      },
      {
        "timestamp": 1479985200,
        "timestampStr": "2016-11-24T03:00:00-08:00[America/Los_Angeles]",
        "risk": 38.0
      }
    ]
  },
  "cached": "false"
}
```

Filtering the results

The results can be filtered using the `q` parameter, which accepts a filter query (e.g., `userid:a1cb99f133d83b44 AND risk:extreme`):

- **userid**: Allows filtering using the entityHash; use `serverid`, `projectid`, and so on, to filter on other types of scored entities.
- **user**: Allows filtering using the entityName; use `server`, `project`, and so on, to filter on other types of scored entities.
- **risk**: Allows filtering by risk level (low, medium, high, extreme).
- **anomalies**: Allows filtering by anomaly types (e.g., `anomalies:201,202`).

Although the operators AND and OR serve as separators between different filters, their respective values are currently ignored. Filters concerning the same entityType are automatically ORed, and those concerning different entities are ANDed.

Produces

- application/json

Path parameters

- **tid** (required)
The tenant ID.

Request headers

- **Intersect-Version** (optional) -- String
Indicates which version of the API to use. Defaults to the latest version. Call GET `/api/info/build` to see available API versions.

Query parameters

- **count** (optional)
Number of time buckets to return between `ts` and `te`. Each time bucket will contain the entity's maximum risk in that time range.
- **interval** (optional)
Bucket interval (will supersede `count` parameter). Accepted values are: "day". Buckets will be broken down based on the requested timezone.
- **tz** (optional)
The timezone in which the results should be returned (e.g., +5:00, America/Montreal, EST).
- **q** (optional)
Query filter.
- **ts** (optional)
Start time in seconds. If no value is provided, the start time of the dataset is used. You can also use (case-insensitive) natural language with relative times, for example, 'first monday in july, 2017', or '10 days ago'.
- **te** (optional)
End time in seconds. If no value is provided, the end time of the dataset is used. You can also use (case-insensitive) natural language with relative times, for example, 'first monday in july, 2017', or '10 days ago'.

Responses

```
default
```

```
successful operation
```

GET /search/{tid}/riskyHours

Get risky hours

Returns a list of hours during which the specified entity had anomalies. Each hour is accompanied by the maximum risk of the entity at that time.

Example Response (Status 200)

```
{
  "requestTime": 29,
  "data": [
    {
      "hour": 1357920900,
      "significance": 100.0
    },
    {
      "hour": 1357920900,
      "significance": 99.0
    },
    {
      "hour": 1357920900,
      "significance": 98.01
    },
    {
      "hour": 1357920900,
      "significance": 37.89
    }
  ],
  "cached": "false"
}
```

Filtering the results

The results can be filtered using the `q` parameter, which accepts a filter query (e.g., `userid:a1cb99f133d83b44 AND risk:extreme`):

- **userid**: Allows filtering using the entityHash; use `serverid`, `projectid`, and so on, to filter on other types of scored entities.
- **user**: Allows filtering using the entityName; use `server`, `project`, and so on, to filter on other types of scored entities.
- **risk**: Allows filtering by risk level (low, medium, high, extreme).
- **anomalies**: Allows filtering by anomaly types (e.g., `anomalies:201,202`).

Although the operators AND and OR serve as separators between different filters, their respective values are currently ignored. Filters concerning the same `entityType` are automatically ORed, and those concerning different entities are ANDed.

Produces

- `application/json`

Path parameters

- **tid** (required)
The tenant ID.

Request headers

- **Intersect-Version** (optional) -- String
Indicates which version of the API to use. Defaults to the latest version. Call GET `/api/info/build` to see available API versions.

Query parameters

- **minRisk** (optional)
Minimum anomaly/alert risk. All anomalies/alerts below this threshold are excluded from the results.
- **maxRisk** (optional)
Maximum anomaly/alert risk. All anomalies/alerts above this threshold are excluded from the results.
- **q** (optional)
Query filter.
- **ts** (optional)
Start time in seconds. If no value is provided, the start time of the dataset is used. You can also use (case-insensitive) natural language with relative times, for example, 'first monday in july, 2017', or '10 days ago'.
- **te** (optional)
End time in seconds. If no value is provided, the end time of the dataset is used. You can also use (case-insensitive) natural language with relative times, for example, 'first monday in july, 2017', or '10 days ago'.

Responses

default

successful operation

GET /search/{tid}/templates

Get examples of rendered alert templates

Returns an example showing how each anomaly type is rendered into a human-readable sentence using the templating engine. The response can be filtered to retrieve only anomalies of a single type or belonging to a specific datasource.

Example Response (Status 200)

```
{
  "requestTime": 29,
  "data": [
    {
      "template": {
        "threat": "Suspicious Activity",
        "family": "Application/Protocol Use",
        "teaser": "7-8 PM Dec 20, 2012: Used EXPLORER rare for User.",
        "alert": "It was very unusual that {user1} used the application EXPLORER,
having only used that application 2 days.",
        "tooltip": ""
      },
      "category": "Endpoint",
      "threat": {
        "name": "Suspicious Activity",
        "description": "When a user who rarely uses an application then uses it, this
may represent suspicious activity."
      },
      "family": {
        "name": "Application/Protocol Use"
      },
      "anomalyType": 129,
      "datasource": "endpoint"
    }
  ],
  "cached": "false"
}
```

Produces

- application/json

Path parameters

- **tid** (required)
The tenant ID.

Request headers

- **Intersect-Version** (optional) -- String
Indicates which version of the API to use. Defaults to the latest version. Call GET /api/info/build to see available API versions.

Query parameters

- **ds** (optional)
Data source
- **anomalyType** (optional)
Anomaly type
- **markup** (optional)
Indicates whether to include handlebar markup in alert text. When false, the returned anomalies contain only plain English text that can be displayed directly without further processing. When true, anomalies may contain markup tags in double curly braces, {{ and }}. For more information about rendering the returned anomalies, see the Introduction section of the developer guide.

Responses

default

successful operation

GET /search/{tid}/{entityType}/topAccessed

Get the top accessed entities by entity type

Returns a list of entities, ordered by the number of times they were accessed.

Example Response (Status 200)

The keys represent the number of accesses, and their respective values represent the entities that recorded that number of accesses

```
{
  "requestTime": 29,
  "data": {
    "12": [
      {
        "entityHash": "bc23443bd21342fa8997e",
        "entityType": "server",
        "entityName": "server1"
      },
      {
        "entityHash": "a89789b897e897d768ef8",
        "entityType": "server",
        "entityName": "server2"
      }
    ],
    "8": [
      {
        "entityHash": "64d7794788a116f964733",
        "entityType": "server",
        "entityName": "server3"
      }
    ],
    "4": [
      {
        "entityHash": "af867786e09453b67457c",
        "entityType": "server",
        "entityName": "server4"
      }
    ]
  },
  "cached": "false"
}
```

Filtering the results

The results can be filtered using the `q` parameter, which accepts a filter query (e.g., `userid:a1cb99f133d83b44 AND risk:extreme`):

- **userid**: Allows filtering using the entityHash; use `serverid`, `projectid`, and so on, to filter on other types of scored entities.
- **user**: Allows filtering using the entityName; use `server`, `project`, and so on, to filter on other types of scored entities.

- **risk**: Allows filtering by risk level (low, medium, high, extreme).
- **anomalies**: Allows filtering by anomaly types (e.g., `anomalies:201,202`).

Although the operators AND and OR serve as separators between different filters, their respective values are currently ignored. Filters concerning the same entityType are automatically ORed, and those concerning different entities are ANDed.

Produces

- application/json

Path parameters

- **tid** (required)
The tenant ID.
- **entityType** (required)
The entity type, for example, user, volume, printer, website, etc.

Request headers

- **Intersect-Version** (optional) -- String
Indicates which version of the API to use. Defaults to the latest version. Call GET `/api/info/build` to see available API versions.

Query parameters

- **count** (optional)
The number of top accessed entities to return
- **q** (optional)
Query filter.
- **ts** (optional)
Start time in seconds. If no value is provided, the start time of the dataset is used. You can also use (case-insensitive) natural language with relative times, for example, 'first monday in july, 2017', or '10 days ago'.
- **te** (optional)
End time in seconds. If no value is provided, the end time of the dataset is used. You can also use (case-insensitive) natural language with relative times, for example, 'first monday in july, 2017', or '10 days ago'.

Responses

default

successful operation

GET /search/{tid}/users/topExitProducers

Get top producers of exit events

Returns the users with the top number of events representing information exiting the system, for example, through a printer or USB.

Example Response (Status 200)

The keys represent the number of exit events, and their respective values represent the entities that generated that number of exit events.

```
{
  "requestTime": 29,
  "data": {
    "12": [
      {
        "entityHash": "bc23443bd21342fa8997e",
        "entityType": "server",
        "entityName": "elavigne@interset.com"
      },
      {
        "entityHash": "a89789b897e897d768ef8",
        "entityType": "server",
        "entityName": "rwall@interset.com"
      }
    ],
    "8": [
      {
        "entityHash": "64d7794788a116f964733",
        "entityType": "server",
        "entityName": "mcyze@interset.com"
      }
    ],
    "4": [
      {
        "entityHash": "af867786e09453b67457c",
        "entityType": "server",
        "entityName": "jmahonin@interset.com"
      }
    ]
  }
}
```

```

    ]
  },
  "cached": "false"
}

```

Filtering the results

The results can be filtered using the `q` parameter, which accepts a filter query (e.g., `userid:a1cb99f133d83b44 AND risk:extreme`):

- **userid**: Allows filtering using the `entityHash`; use `serverid`, `projectid`, and so on, to filter on other types of scored entities.
- **user**: Allows filtering using the `entityName`; use `server`, `project`, and so on, to filter on other types of scored entities.
- **risk**: Allows filtering by risk level (low, medium, high, extreme).
- **anomalies**: Allows filtering by anomaly types (e.g., `anomalies:201,202`).

Although the operators AND and OR serve as separators between different filters, their respective values are currently ignored. Filters concerning the same `entityType` are automatically ORed, and those concerning different entities are ANDed.

Produces

- `application/json`

Path parameters

- **tid** (required)
The tenant ID.

Request headers

- **Intersect-Version** (optional) -- String
Indicates which version of the API to use. Defaults to the latest version. Call GET `/api/info/build` to see available API versions.

Query parameters

- **count** (optional)
The number of top exit producers to return
- **q** (optional)
Query filter.

- **ts** (optional)
Start time in seconds. If no value is provided, the start time of the dataset is used. You can also use (case-insensitive) natural language with relative times, for example, 'first monday in july, 2017', or '10 days ago'.
- **te** (optional)
End time in seconds. If no value is provided, the end time of the dataset is used. You can also use (case-insensitive) natural language with relative times, for example, 'first monday in july, 2017', or '10 days ago'.

Responses

```
default
```

successful operation

GET /search/{tid}/users/topFailedLogin

Get top failed logins

Returns the users with the top number of failed login attempts.

Example Response (Status 200)

```
{
  "requestTime": 29,
  "data": [
    {
      "entityHash": "elavigne@interset.com",
      "entityName": "bc23443bd21342fa8997e",
      "totalSuccess": 25,
      "totalFailed": 33
    },
    {
      "entityHash": "rwall@interset.com",
      "entityName": "a89789b897e897d768ef8",
      "totalSuccess": 35,
      "totalFailed": 17
    },
    {
      "entityHash": "mcyze@interset.com",
      "entityName": "64d7794788a116f964733",
      "totalSuccess": 18,
      "totalFailed": 13
    }
  ]
}
```

```
],  
"cached": "false"  
}
```

Filtering the results

The results can be filtered using the `q` parameter, which accepts a filter query (e.g., `userid:a1cb99f133d83b44 AND risk:extreme`):

- **userid**: Allows filtering using the entityHash; use `serverid`, `projectid`, and so on, to filter on other types of scored entities.
- **user**: Allows filtering using the entityName; use `server`, `project`, and so on, to filter on other types of scored entities.
- **risk**: Allows filtering by risk level (low, medium, high, extreme).
- **anomalies**: Allows filtering by anomaly types (e.g., `anomalies:201,202`).

Although the operators AND and OR serve as separators between different filters, their respective values are currently ignored. Filters concerning the same entityType are automatically ORed, and those concerning different entities are ANDed.

Produces

- `application/json`

Path parameters

- **tid** (required)
The tenant ID.

Request headers

- **Intersect-Version** (optional) -- String
Indicates which version of the API to use. Defaults to the latest version. Call GET `/api/info/build` to see available API versions.

Query parameters

- **count** (optional)
The number of top users with failed logins to return
- **q** (optional)
Query filter.

- **ts** (optional)
Start time in seconds. If no value is provided, the start time of the dataset is used. You can also use (case-insensitive) natural language with relative times, for example, 'first monday in july, 2017', or '10 days ago'.
- **te** (optional)
End time in seconds. If no value is provided, the end time of the dataset is used. You can also use (case-insensitive) natural language with relative times, for example, 'first monday in july, 2017', or '10 days ago'.

Responses

default

successful operation

GET /search/{tid}/users/topScreenCaptures

Get top producers of screen captures

Returns the users with the top number of screen captures within the specified time period.

Example Response (Status 200)

The keys represent the number of screen captures, and their respective values represent the entities that generated that number of screen captures.

```
{
  "requestTime": 29,
  "data": {
    "12": [
      {
        "entityHash": "bc23443bd21342fa8997e",
        "entityType": "server",
        "entityName": "elavigne@interset.com"
      },
      {
        "entityHash": "a89789b897e897d768ef8",
        "entityType": "server",
        "entityName": "rwall@interset.com"
      }
    ],
    "8": [
      {
        "entityHash": "64d7794788a116f964733",
```

```

    "entityType": "server",
    "entityName": "mcyze@interset.com"
  }
],
"4": [
  {
    "entityHash": "af867786e09453b67457c",
    "entityType": "server",
    "entityName": "jmahonin@interset.com"
  }
]
},
"cached": "false"
}

```

Filtering the results

The results can be filtered using the `q` parameter, which accepts a filter query (e.g., `userid:a1cb99f133d83b44 AND risk:extreme`):

- **userid**: Allows filtering using the `entityHash`; use `serverid`, `projectid`, and so on, to filter on other types of scored entities.
- **user**: Allows filtering using the `entityName`; use `server`, `project`, and so on, to filter on other types of scored entities.
- **risk**: Allows filtering by risk level (low, medium, high, extreme).
- **anomalies**: Allows filtering by anomaly types (e.g., `anomalies:201,202`).

Although the operators `AND` and `OR` serve as separators between different filters, their respective values are currently ignored. Filters concerning the same `entityType` are automatically `ORed`, and those concerning different entities are `ANDed`.

Produces

- `application/json`

Path parameters

- **tid** (required)
The tenant ID.

Request headers

- **Interset-Version** (optional) -- String
Indicates which version of the API to use. Defaults to the latest version. Call `GET /api/info/build` to see available API versions.

Query parameters

- **count** (optional)
The number of users to return.
- **q** (optional)
Query filter.
- **ts** (optional)
Start time in seconds. If no value is provided, the start time of the dataset is used. You can also use (case-insensitive) natural language with relative times, for example, 'first monday in july, 2017', or '10 days ago'.
- **te** (optional)
End time in seconds. If no value is provided, the end time of the dataset is used. You can also use (case-insensitive) natural language with relative times, for example, 'first monday in july, 2017', or '10 days ago'.

Responses

```
default
```

successful operation

GET /search/{tid}/users/topViolationProducers

Get top violation producers

Returns the users that triggered the most violations within the specified time period.

Example Response (Status 200)

The keys represent the number of violation events, and their respective values represent the entities that generated that number of violations.

```
{
  "requestTime": 29,
  "data": {
    "12": [
      {
        "entityHash": "bc23443bd21342fa8997e",
        "entityType": "server",
        "entityName": "elavigne@interset.com"
      },
    ],
  },
}
```

```

    {
      "entityHash": "a89789b897e897d768ef8",
      "entityType": "server",
      "entityName": "rwall@interset.com"
    }
  ],
  "8": [
    {
      "entityHash": "64d7794788a116f964733",
      "entityType": "server",
      "entityName": "mcyze@interset.com"
    }
  ],
  "4": [
    {
      "entityHash": "af867786e09453b67457c",
      "entityType": "server",
      "entityName": "jmahonin@interset.com"
    }
  ]
},
"cached": "false"
}

```

Filtering the results

The results can be filtered using the `q` parameter, which accepts a filter query (e.g., `userid:a1cb99f133d83b44 AND risk:extreme`):

- **userid**: Allows filtering using the entityHash; use `serverid`, `projectid`, and so on, to filter on other types of scored entities.
- **user**: Allows filtering using the entityName; use `server`, `project`, and so on, to filter on other types of scored entities.
- **risk**: Allows filtering by risk level (low, medium, high, extreme).
- **anomalies**: Allows filtering by anomaly types (e.g., `anomalies:201,202`).

Although the operators AND and OR serve as separators between different filters, their respective values are currently ignored. Filters concerning the same entityType are automatically ORed, and those concerning different entities are ANDed.

Produces

- application/json

Path parameters

- **tid** (required)
The tenant ID.

Request headers

- **Intersect-Version** (optional) -- String
Indicates which version of the API to use. Defaults to the latest version. Call GET `/api/info/build` to see available API versions.

Query parameters

- **count** (optional)
The number of top violation producers to return.
- **q** (optional)
Query filter.
- **ts** (optional)
Start time in seconds. If no value is provided, the start time of the dataset is used. You can also use (case-insensitive) natural language with relative times, for example, 'first monday in july, 2017', or '10 days ago'.
- **te** (optional)
End time in seconds. If no value is provided, the end time of the dataset is used. You can also use (case-insensitive) natural language with relative times, for example, 'first monday in july, 2017', or '10 days ago'.

Responses

```
default
```

successful operation

GET /search/{tid}/typeAhead

Auto-complete entity name for any entity type

Returns entities across all entity types that have part of their name starting with the value provided in the text parameter.

Example Response (Status 200)

```
{
  "requestTime": 29,
  "data": {
    "users": [
      {
        "entityHash": "bc23443bd21342fa8997e",
        "entityType": "user",
        "entityName": "user1",
        "risk": 100,
        "riskChange": 0,
        "lastActivity": 1453957200,
        "preDecayedRisk": 0,
        "decayedToTimestamp": 0,
        "mostSignificantAlert": null,
        "tags": []
      }
    ],
    "files": [
      {
        "entityHash": "a89789b897e897d768ef8",
        "entityType": "file",
        "entityName": "u-some-file",
        "risk": 100,
        "riskChange": 0,
        "lastActivity": 1453957200,
        "preDecayedRisk": 0,
        "decayedToTimestamp": 0,
        "mostSignificantAlert": null,
        "tags": []
      }
    ]
  },
  "cached": "false"
}
```

Produces

- application/json

Path parameters

- **tid** (required)
The tenant ID.

Request headers

- **Intersect-Version** (optional) -- String
Indicates which version of the API to use. Defaults to the latest version. Call GET `/api/info/build` to see available API versions.

Query parameters

- **count** (optional)
The max number of entities to return per entity type
- **text** (required)
The text to be used to match entity(ies) by name.
- **ts** (optional)
Start time in seconds. If no value is provided, the start time of the dataset is used. You can also use (case-insensitive) natural language with relative times, for example, 'first monday in july, 2017', or '10 days ago'.
- **te** (optional)
End time in seconds. If no value is provided, the end time of the dataset is used. You can also use (case-insensitive) natural language with relative times, for example, 'first monday in july, 2017', or '10 days ago'.

Responses

```
default
```

successful operation

GET /search/{tid}/users/{userHash}/workingHours/daily

Get daily working hours per user

Returns an array of expected activity for the specified user for each half hour of the day. The minute represents the beginning of the half hour period, and the expected value represents the level of activity expected for that half hour period. The expected values form a histogram and are not normalized to a particular scale.

Example Response (Status 200)

```
{
  "requestTime": 29,
  "data": [
    {
      "minute": 0,
      "expected": 0.6
    },
    {
      "minute": 30,
      "expected": 0.78
    },
    {
      "minute": 60,
      "expected": 0.87
    },
    {
      "minute": 90,
      "expected": 0.9
    },
    {
      "minute": 120,
      "expected": 1.1
    }
  ],
  "cached": "false"
}
```

Produces

- application/json

Path parameters

- **tid** (required)
The tenant ID.
- **userHash** (required)
Element hash for a user entity (e.g., 393ff13c9b519ec2).

Request headers

- **Intersect-Version** (optional) -- String
Indicates which version of the API to use. Defaults to the latest version. Call GET /api/info/build to see available API versions.

Responses

default

successful operation

GET /search/{tid}/users/workingHours/weekly

Get weekly working hours for the organization

Returns an array of expected activity for the entire organization for each half hour of the week. The minute represents the beginning of the half hour period, and the expected value represents the level of activity expected for that half hour period. The expected values form a histogram and are not normalized to a particular scale.

Example Response (Status 200)

```
{
  "requestTime": 29,
  "data": [
    {
      "minute": 150,
      "expected": 1.1
    },
    {
      "minute": 180,
      "expected": 1.2
    },
    {
      "minute": 210,
      "expected": 0.9
    },
    {
      "minute": 240,
      "expected": 0.5
    },
    {
      "minute": 270,
      "expected": 0.0
    }
  ],
  "cached": "false"
}
```

Produces

- application/json

Path parameters

- **tid** (required)
The tenant ID.

Request headers

- **Intersect-Version** (optional) -- String
Indicates which version of the API to use. Defaults to the latest version. Call GET /api/info/build to see available API versions.

Responses

default

successful operation

GET /search/{tid}/users/workingHours/daily

Get daily working hours for the organization

Returns an array of expected activity for the entire organization for each half hour of the day. The minute represents the beginning of the half hour period, and the expected value represents the level of activity expected for that half hour period. The expected values form a histogram and are not normalized to a particular scale.

Example Response (Status 200)

```
{
  "requestTime": 29,
  "data": [
    {
      "minute": 0,
      "expected": 0.6
    },
    {
      "minute": 30,
      "expected": 0.78
    }
  ]
}
```

```

    },
    {
      "minute": 60,
      "expected": 0.87
    },
    {
      "minute": 90,
      "expected": 0.9
    },
    {
      "minute": 120,
      "expected": 1.1
    }
  ],
  "cached": "false"
}

```

Produces

- application/json

Path parameters

- **tid** (required)
The tenant ID.

Request headers

- **Intersect-Version** (optional) -- String
Indicates which version of the API to use. Defaults to the latest version. Call GET /api/info/build to see available API versions.

Responses

default

successful operation

GET /search/{tid}/users/{userHash}/workingHours/weekly

Get weekly working hours per user

Returns an array of expected activity for the specified user for each half hour of the week. The minute represents the beginning of the half hour period, and the expected value represents

the level of activity expected for that half hour period. The expected values form a histogram and are not normalized to a particular scale.

Example Response (Status 200)

```
{
  "requestTime": 29,
  "data": [
    {
      "minute": 150,
      "expected": 1.1
    },
    {
      "minute": 180,
      "expected": 1.2
    },
    {
      "minute": 210,
      "expected": 0.9
    },
    {
      "minute": 240,
      "expected": 0.5
    },
    {
      "minute": 270,
      "expected": 0.0
    }
  ],
  "cached": "false"
}
```

Produces

- application/json

Path parameters

- **tid** (required)
The tenant ID.
- **userHash** (required)
Element hash for a user entity (e.g., 393ff13c9b519ec2).

Request headers

- **Intersect-Version** (optional) -- String

Indicates which version of the API to use. Defaults to the latest version. Call GET /api/info/build to see available API versions.

Responses

default

successful operation

GET /search/{tid}/topRisky

Get top risky entities

Returns a list of all top risky entities.

Example Response (Status 200)

```
{
  "requestTime": 29,
  "data": [
    {
      "entityHash": "bc23443bd21342fa8997e",
      "entityType": "user",
      "entityName": "Annie",
      "risk": 25,
      "riskChange": 0,
      "lastActivity": 1453957200,
      "preDecayedRisk": 0,
      "decayedToTimestamp": 0,
      "mostSignificantAlert": null,
      "tags": [
        {
          "id": "9v3sdqdC2jd0FJCBuYcAPw",
          "name": "reviewed",
          "source": "user",
          "description": ""
        }
      ]
    }
  ],
  "totalHits": 25,
  "scrollId": "vabsjk5h24e1kdasjfojdabhgjk32b5b",
}
```

```
"cached": false  
}
```

Filtering the results

The results can be filtered using the `q` parameter, which accepts a filter query (e.g., `userid:a1cb99f133d83b44 AND risk:extreme`):

- **userid**: Allows filtering using the `entityHash`; use `serverid`, `projectid`, and so on, to filter on other types of scored entities.
- **user**: Allows filtering using the `entityName`; use `server`, `project`, and so on, to filter on other types of scored entities.
- **risk**: Allows filtering by risk level (low, medium, high, extreme).
- **anomalies**: Allows filtering by anomaly types (e.g., `anomalies:201,202`).

Although the operators AND and OR serve as separators between different filters, their respective values are currently ignored. Filters concerning the same `entityType` are automatically ORed, and those concerning different entities are ANDed.

Produces

- `application/json`

Path parameters

- **tid** (required)
The tenant ID.

Request headers

- **Intersect-Version** (optional) -- String
Indicates which version of the API to use. Defaults to the latest version. Call GET `/api/info/build` to see available API versions.

Query parameters

- **sort** (optional)
Risk sort order in which to return entities.
- **format** (optional)
The format of the response. When set to `long`, the top alert information for the entity is included in the response.

- **q** (optional)
Query filter.
- **includeAssociatedEntities** (optional)
If `false` and the `q` parameter filters for one or more entities and/or entity types, related entities of other entity types are not returned.
- **markup** (optional)
Indicates whether to include handlebar markup in alert text. When `false`, the returned anomalies contain only plain English text that can be displayed directly without further processing. When `true`, anomalies may contain markup tags in double curly braces, `{{ and }}`. For more information about rendering the returned anomalies, see the Introduction section of the developer guide.
- **tz** (optional)
The timezone in which the results should be returned (e.g., `+5:00, America/Montreal, EST`).
- **count** (optional)
Number of top risky entities to return
- **scrollId** (optional)
The `scrollId` from the previous request. Use this `scrollId` to get subsequent results.
- **includeNonAnomalous** (optional)
Set to `true` to include entities that never triggered anomalies
- **ts** (optional)
Start time in seconds. If no value is provided, the start time of the dataset is used. You can also use (case-insensitive) natural language with relative times, for example, 'first monday in july, 2017', or '10 days ago'.
- **te** (optional)
End time in seconds. If no value is provided, the end time of the dataset is used. You can also use (case-insensitive) natural language with relative times, for example, 'first monday in july, 2017', or '10 days ago'.

Responses

```
default
```

successful operation

GET /search/{tid}/{entityType}/topRisky

Get top risky entities by type

Returns a list of the top riskiest entities by type.

Example Response (Status 200)

```
{
  "requestTime": 29,
  "data": [
    {
      "entityHash": "bc23443bd21342fa8997e",
      "entityType": "user",
      "entityName": "Annie",
      "risk": 25,
      "riskChange": 0,
      "lastActivity": 1453957200,
      "preDecayedRisk": 0,
      "decayedToTimestamp": 0,
      "mostSignificantAlert": null,
      "tags": [
        {
          "id": "9v3sdqdC2jd0FJCBuYcAPw",
          "name": "reviewed",
          "source": "user",
          "description": ""
        }
      ]
    }
  ],
  "totalHits": 25,
  "scrollId": "vabsjk5h24e1kdasjfojdabhgjk32b5b",
  "cached": false
}
```

Filtering the results

The results can be filtered using the `q` parameter, which accepts a filter query (e.g., `userid:a1cb99f133d83b44 AND risk:extreme`):

- **userid**: Allows filtering using the entityHash; use `serverid`, `projectid`, and so on, to filter on other types of scored entities.
- **user**: Allows filtering using the entityName; use `server`, `project`, and so on, to filter on other types of scored entities.
- **risk**: Allows filtering by risk level (low, medium, high, extreme).
- **anomalies**: Allows filtering by anomaly types (e.g., `anomalies:201,202`).

Although the operators AND and OR serve as separators between different filters, their respective values are currently ignored. Filters concerning the same entityType are automatically ORed, and those concerning different entities are ANDed.

Produces

- application/json

Path parameters

- **tid** (required)
The tenant ID.
- **entityType** (required)
The entity type, for example, user, volume, printer, website, etc.

Request headers

- **Intersect-Version** (optional) -- String
Indicates which version of the API to use. Defaults to the latest version. Call GET /api/info/build to see available API versions.

Query parameters

- **sort** (optional)
Risk sort order in which to return entities.
- **format** (optional)
The format of the response. When set to long, the top alert information for the entity is included in the response.
- **q** (optional)
Query filter.
- **markup** (optional)
Indicates whether to include handlebar markup in alert text. When false, the returned anomalies contain only plain English text that can be displayed directly without further processing. When true, anomalies may contain markup tags in double curly braces, {{ and }}. For more information about rendering the returned anomalies, see the Introduction section of the developer guide.
- **tz** (optional)
The timezone in which the results should be returned (e.g., +5:00, America/Montreal, EST).
- **count** (optional)
The number of top risky entities to return
- **scrollId** (optional)

The `scrollId` from the previous request. Use this `scrollId` to get subsequent results.

- **includeNonAnomalous** (optional)

Set to true to include entities that never triggered anomalies

- **ts** (optional)

Start time in seconds. If no value is provided, the start time of the dataset is used. You can also use (case-insensitive) natural language with relative times, for example, 'first monday in july, 2017', or '10 days ago'.

- **te** (optional)

End time in seconds. If no value is provided, the end time of the dataset is used. You can also use (case-insensitive) natural language with relative times, for example, 'first monday in july, 2017', or '10 days ago'.

Responses

```
default
```

```
successful operation
```

GET /search/{tid}/{rollupLevel}/{rollupId}/expand

Get children of aggregate/alert/anomaly

Returns the children of the specified rollup ID. If an aggregate ID is specified, this method returns the child alerts. If an alert ID is specified, the child anomalies are returned. Nothing is returned when an anomaly ID is specified because anomalies are the lowest level and have no children.

Example Response (Status 200)

```
{
  "requestTime": 29,
  "data": [
    {
      "id": "ebea3079901fd4c1",
      "alertId": "ebea3079901fd4c1",
      "datasource": "repo",
      "timestamp": 1393453400,
      "risk": 8100,
      "contribution": 100,
      "significance": 88,
      "templates": {
        "threat": "",

```

```

    "family": "",
    "teaser": "",
    "alert": "",
    "tooltip": ""
  },
  "anomalyTypes": [
    11
  ],
  "numAnomalies": 2,
  "category": "Repository",
  "bucketSize": "hourly",
  "rollupLevel": "alerts",
  "numChildren": 2,
  "parentId": null,
  "kibana": {
    "searchQuery": "",
    "indexName": ""
  },
  "contextAnomalyId": "",
  "contextType": "none"
}
],
"totalHits": 25,
"cached": false,
"scrollId": "vabsjk5h24e1kdasjfojdabhgjk32b5b"
}

```

Filtering the results

The results can be filtered using the `q` parameter, which accepts a filter query (e.g., `userid:a1cb99f133d83b44 AND risk:extreme`):

- **userid**: Allows filtering using the entityHash; use `serverid`, `projectid`, and so on, to filter on other types of scored entities.
- **user**: Allows filtering using the entityName; use `server`, `project`, and so on, to filter on other types of scored entities.
- **risk**: Allows filtering by risk level (low, medium, high, extreme).
- **anomalies**: Allows filtering by anomaly types (e.g., `anomalies:201,202`).

Although the operators AND and OR serve as separators between different filters, their respective values are currently ignored. Filters concerning the same entityType are automatically ORed, and those concerning different entities are ANDed.

Produces

- application/json

Path parameters

- **tid** (required)
The tenant ID.
- **rollupLevel** (required)
The level at which anomalies are combined. Aggregates combine similar alerts within the same time period across entities. Alerts combine similar anomalies within the same time period for a single entity.
- **rollupId** (required)
The ID of the aggregate, alert or anomaly to match.

Request headers

- **Intersect-Version** (optional) -- String
Indicates which version of the API to use. Defaults to the latest version. Call GET /api/info/build to see available API versions.

Query parameters

- **minRisk** (optional)
Minimum anomaly/alert risk. All anomalies/alerts below this threshold are excluded from the results.
- **maxRisk** (optional)
Maximum anomaly/alert risk. All anomalies/alerts above this threshold are excluded from the results.
- **count** (optional)
- **q** (optional)
Query filter.
- **markup** (optional)
Indicates whether to include handlebar markup in alert text. When `false`, the returned anomalies contain only plain English text that can be displayed directly without further processing. When `true`, anomalies may contain markup tags in double curly braces, `{{` and `}}`. For more information about rendering the returned anomalies, see the Introduction section of the developer guide.
- **scrollId** (optional)
The `scrollId` from the previous request. Use this `scrollId` to get subsequent results.

- **sort** (optional)
Method of sorting alerts.
- **sortOrder** (optional)
Specifies the sort order of the results. Possible values are desc and asc.
- **riskSort** (optional)
Risk sort order in which to return entities.
- **scType** (optional)
Scaled contribution. Deprecated; use minRisk.
- **sc** (optional)
Scaled contribution. Deprecated; use minRisk.

Responses

default

successful operation

search{tenantId}meta

POST /search/{tid}/meta

Create a meta resource

Creates a new meta resource. Fields that must be added: resourceType, destinationId, destinationType, content, contentType

Example Response (Status 200)

```
{
  "requestTime": 29,
  "data":
  {
    "id": "cb3c32ebc26d8463",
    "resourceType": "annotation",
    "sourceId": "abc@interset.com",
    "sourceType": "user",
    "destinationId": "b2d1bbfd2daa1fed",
    "destinationType": "entities",
    "content": "",
    "contentType": "html",
  }
}
```

```
"createdBy": "abc@interset.com"  
"created": 1541603226  
"timestamp": 1541725744  
},  
"cached": "false"  
}
```

Consumes

- application/json

Produces

- application/json

Path parameters

- **tid** (required)
The tenant ID.

Request body

[ApiMetaRequest](#)

Request headers

- **Intersect-Version** (optional) -- String
Indicates which version of the API to use. Defaults to the latest version. Call GET /api/info/build to see available API versions.

Responses

default

successful operation

DELETE /search/{tid}/meta/{metaId}

Delete a meta resource

Deletes the meta resource with the specified ID.

Example Response (Status 200)

```
{
  "requestTime": 29,
  "data": {
    "message": "Meta resource with ID 6f327e088def9386 successfully deleted."
  },
  "cached": "false"
}
```

Consumes

- application/json

Produces

- application/json

Path parameters

- **tid** (required)
The tenant ID.
- **metaId** (required)
The ID of the meta resource (e.g., cb3c32ebc26d8463).

Request headers

- **Intersect-Version** (optional) -- String
Indicates which version of the API to use. Defaults to the latest version. Call GET /api/info/build to see available API versions.

Responses

default

successful operation

GET /search/{tid}/meta/log

Get all meta logs for a tenant with certain conditions.

Get all meta logs for this tenant with the search conditions specified. Source type can be configured either by a user through the UI, or by Analytics. Currently supported destination types are alerts, anomalies and entities

Example Response (Status 200)

```
{
  "requestTime": 29,
  "data": [
    {
      "id": "423c32ebc26d8bce",
      "resourceId": "null",
      "resourceType": "comment",
      "action": "create",
      "sourceId": "def@interset.com",
      "sourceType": "user",
      "destinationId": "8202835f7614404d",
      "destinationType": "alerts",
      "content": "This is my very first comment.",
      "contentType": "plaintext",
      "created": 1541603226
      "createdBy": "def@interset.com"
      "modifiedBy": null
      "timestamp": 1541603226
    },
    {
      "id": "cb3c32ebc26d8463",
      "resourceId": "423c32ebc26d8bce",
      "resourceType": "comment",
      "action": "update",
      "sourceId": "abc@interset.com",
      "sourceType": "user",
      "destinationId": "b2d1bbfd2daa1fed",
      "destinationType": "entities",
      "content": "This is my very first *edited* comment.",
      "contentType": "markdown",
      "created": 1541603226
      "createdBy": "abc@interset.com"
      "modifiedBy": "admin@interset.com"
      "timestamp": 1541725744
    },
  ],
  "cached": "false"
}
```

Consumes

- application/json

Produces

- application/json

Path parameters

- **tid** (required)
The tenant ID.

Request headers

- **Intersect-Version** (optional) -- String
Indicates which version of the API to use. Defaults to the latest version. Call GET /api/info/build to see available API versions.

Query parameters

- **q** (optional)
Query filter.
- **resourceId** (optional)
A reference to the original resource if applicable (metaId, tagId, null)
- **resourceType** (optional)
The type of the meta resource e.g. comment, annotation, tag, dashboard, visualization and so on.
- **action** (optional)
The operation made on this meta resources. This API supports add, update, delete.
- **sourceId** (optional)
The ID of the source. If the source type is user, then createdBy is the user's name.
- **sourceType** (optional)
The type of the source. Currently supported: user, analytics
- **destinationId** (optional)
The ID of the destination.
- **destinationType** (optional)
The type of the source. Currently supported: alerts, anomalies, entities
- **content** (optional)
The raw content of the object. This is a full text search. Larger than 128KB can significantly impact the search performance.

- **contentType** (optional)
Currently supported: markdown, plaintext, html
- **createdBy** (optional)
The name of the user that original created the resource - an informational field.
- **modifiedBy** (optional)
The ID of the user that last modified the resource.

Responses

default

successful operation

GET /search/{tid}/meta/{metaId}

Get the specified meta resource.

Gets the meta resource with the specified ID.

Example Response (Status 200)

```
{
  "requestTime": 29,
  "data":
  {
    "id": "cb3c32ebc26d8463",
    "resourceType": "annotation",
    "action": "update",
    "sourceId": "abc@interset.com",
    "sourceType": "user",
    "destinationId": "b2d1bbfd2daa1fed",
    "destinationType": "entities",
    "content": "",
    "contentType": "html",
    "created": 1541603226
    "createdBy": "abc@interset.com"
    "modifiedBy": "admin@interset.com"
    "timestamp": 1541725744
  },
  "cached": "false"
}
```

Consumes

- application/json

Produces

- application/json

Path parameters

- **tid** (required)
The tenant ID.
- **metaId** (required)
The ID of the meta resource (e.g., cb3c32ebc26d8463).

Request headers

- **Intersect-Version** (optional) -- String
Indicates which version of the API to use. Defaults to the latest version. Call GET /api/info/build to see available API versions.

Responses

default

successful operation

GET /search/{tid}/meta

Get all meta resources for a tenant with certain conditions.

Get all meta resources for this tenant with the search conditions specified. Source type can be configured either by a user through the UI, or by Analytics. Currently supported destination types are alerts, anomalies and entities

Example Response (Status 200)

```
{
  "requestTime": 29,
  "data": [
    {
```

```

    "id": "423c32ebc26d8bce",
    "resourceId": "null",
    "resourceType": "comment",
    "action": "create",
    "sourceId": "def@interset.com",
    "sourceType": "user",
    "destinationId": "8202835f7614404d",
    "destinationType": "alerts",
    "content": "This is my very first comment.",
    "contentType": "plaintext",
    "created": 1541603226
    "createdBy": "def@interset.com"
    "modifiedBy": null
    "timestamp": 1541603226
  },
  {
    "id": "cb3c32ebc26d8463",
    "resourceId": "423c32ebc26d8bce",
    "resourceType": "comment",
    "action": "update",
    "sourceId": "abc@interset.com",
    "sourceType": "user",
    "destinationId": "b2d1bbfd2daa1fed",
    "destinationType": "entities",
    "content": "This is my very first *edited* comment.",
    "contentType": "markdown",
    "created": 1541603226
    "createdBy": "abc@interset.com"
    "modifiedBy": "admin@interset.com"
    "timestamp": 1541725744
  },
],
"cached": "false"
}

```

Consumes

- application/json

Produces

- application/json

Path parameters

- **tid** (required)
The tenant ID.

Request headers

- **Intersect-Version** (optional) -- String
Indicates which version of the API to use. Defaults to the latest version. Call GET /api/info/build to see available API versions.

Query parameters

- **q** (optional)
Query filter.
- **resourceType** (optional)
The type of the meta resource e.g. comment, annotation, tag, dashboard, visualization and so on.
- **action** (optional)
The operation made on this meta resources. This API supports add, update, delete.
- **sourceId** (optional)
The ID of the source. If the source type is user, then createdBy is the user's name.
- **sourceType** (optional)
The type of the source. Currently supported: user, analytics
- **destinationId** (optional)
The ID of the destination.
- **destinationType** (optional)
The type of the source. Currently supported: alerts, anomalies, entities
- **content** (optional)
The raw content of the object. This is a full text search. Larger than 128KB can significantly impact the search performance.
- **contentType** (optional)
Currently supported: markdown, plaintext, html
- **createdBy** (optional)
The name of the user that original created the resource - an informational field.
- **modifiedBy** (optional)
The ID of the user that last modified the resource.

Responses

default

successful operation

PUT /search/{tid}/meta/{metaId}

Update a meta resource

Update the specified a meta resource. Fields that can be updated: resourceType, destinationId, destinationType, content, contentType

Example Response (Status 200)

```
{
  "resourceType": "annotation",
  "id": "cb3c32ebc26d8463",
  "sourceId": "abc@interset.com",
  "sourceType": "user",
  "destinationId": "b2d1bbfd2daa1fed",
  "destinationType": "entities",
  "content": "",
  "contentType": "html",
  "createdBy": "abc@interset.com"
  "modifiedBy": "admin@interset.com"
  "created": 1541603226
  "timestamp": 1541725744
},
"cached": "false"
}
```

Consumes

- application/json

Produces

- application/json

Path parameters

- **tid** (required)
The tenant ID.
- **metaId** (required)
The ID of the meta resource (e.g., cb3c32ebc26d8463).

Request body

ApiMetaRequest

Changes the resource type, source, destination, content and modifiedBy for the specified meta resource.

Request headers

- **Intersect-Version** (optional) -- String
Indicates which version of the API to use. Defaults to the latest version. Call GET /api/info/build to see available API versions.

Responses

default

successful operation

search{tenantId}tags

PUT /search/{tid}/tags/{tagId}/{tagElementType}/{elementHash}

Add a tag to an element

Adds a tag to an element such as an entity or an alert.

Example Response (Status 200)

```
{
  "requestTime": 29,
  "data": {
    "message": "46b489f7f46588c6 successfully associated with 'entities' element
75c2599ddf50ea85"
  },
  "cached": "false"
}
```

Consumes

- application/json

Produces

- application/json

Path parameters

- **tid** (required)
The tenant ID.
- **tagId** (required)
The ID of the tag (e.g., mQhWWuPFNqti-w-AINWHdA).
- **elementHash** (required)
Element hash (e.g., 393ff13c9b519ec2).
- **tagElementType** (required)
The type of element with which the tag is associated.

Request headers

- **Intersect-Version** (optional) -- String
Indicates which version of the API to use. Defaults to the latest version. Call GET /api/info/build to see available API versions.

Query parameters

- **retries** (optional)
The number of times to retry the update operation if a conflict occurs.

Responses

default

successful operation

POST /search/{tid}/tags/{tagId}/{tagElementType}/add

Add a tag to multiple elements

Adds a tag to a list of elements of the same type.

Example Response (Status 200)

```
{
  "requestTime": 29,
  "data": {
    "message": "46b489f7f46588c6 successfully associated with entities:
["75c2599ddf50ea85", "75c2599ddf50ea86"]"
  },
  "cached": "false"
}
```

Consumes

- application/json

Produces

- application/json

Path parameters

- **tid** (required)
The tenant ID.
- **tagId** (required)
The ID of the tag (e.g., mQhWWuPFNqti-w-AINWHdA).
- **tagElementType** (required)
The type of element with which the tag is associated.

Request body

[ApiTagEntities](#)

A list of element hashes.

Request headers

- **Intersect-Version** (optional) -- String
Indicates which version of the API to use. Defaults to the latest version. Call GET /api/info/build to see available API versions.

Query parameters

- **retries** (optional)

The number of times to retry the update operation if a conflict occurs.

Responses

default

successful operation

POST /search/{tid}/tags

Create a tag

Creates a new tag.

Example Response (Status 200)

```
{
  "requestTime": 29,
  "data": {
    "name": "newTag",
    "description": "testing tags",
    "entities": [],
    "id": "6f327e088def9386",
    "created": "2017-12-01T00:16:56.016Z",
    "createdBy": "td5",
    "modified": "2017-12-01T00:16:56.016Z",
    "modifiedBy": "td5",
    "source": "user"
  },
  "cached": "false"
}
```

Consumes

- application/json

Produces

- application/json

Path parameters

- **tid** (required)
The tenant ID.

Request body

[TagBase](#)

Request headers

- **Intersect-Version** (optional) -- String
Indicates which version of the API to use. Defaults to the latest version. Call GET `/api/info/build` to see available API versions.

Responses

default

successful operation

DELETE /search/{tid}/tags/{tagId}

Delete a tag

Deletes the tag with the specified ID.

Example Response (Status 200)

```
{
  "requestTime": 29,
  "data": {
    "message": "Tag 6f327e088def9386 successfully deleted."
  },
  "cached": "false"
}
```

Consumes

- application/json

Produces

- application/json

Path parameters

- **tid** (required)
The tenant ID.
- **tagId** (required)
The ID of the tag (e.g., mQhWWuPFNqti-w-AINWHdA).

Request headers

- **Intersect-Version** (optional) -- String
Indicates which version of the API to use. Defaults to the latest version. Call GET /api/info/build to see available API versions.

Query parameters

- **force** (optional)
Force the action to be applied even in the presence of conflicts.

Responses

default

successful operation

GET /search/{tid}/tags/{tagId}/{tagElementType}

Get elements associated with a particular tag

Gets all elements that have the specified tag.

Example Response (Status 200)

```
{
  "requestTime": 29,
  "data": [
    {
      "entityHash": "e6a4bb7b21cf495b",
```

```

    "entityType": "user",
    "entityName": "user1041@dev-win-10-conn"
  }
],
"cached": "false"
}

```

Consumes

- application/json

Produces

- application/json

Path parameters

- **tid** (required)
The tenant ID.
- **tagId** (required)
The ID of the tag (e.g., mQhWWuPFNqti-w-AINWHdA).
- **tagElementType** (required)
The type of element with which the tag is associated.

Request headers

- **Intersect-Version** (optional) -- String
Indicates which version of the API to use. Defaults to the latest version. Call GET /api/info/build to see available API versions.

Query parameters

- **count** (optional)
The number of tagged elements to return.
- **scrollId** (optional)
The scrollId from the previous request. Use this scrollId to get subsequent results.

Responses

default

successful operation

GET /search/{tid}/tags/{tagId}

Get the specified tag

Gets the tag with the specified ID.

Example Response (Status 200)

```
{
  "requestTime": 29,
  "data": {
    "name": "recon",
    "description": null,
    "entities": [],
    "id": "46b489f7f46588c6",
    "created": "2017-11-30T23:59:38.737Z",
    "createdBy": "td5",
    "modified": "2017-12-01T00:16:56.016Z",
    "modifiedBy": "td5",
    "source": "user"
  },
  "cached": "false"
}
```

Consumes

- application/json

Produces

- application/json

Path parameters

- **tid** (required)
The tenant ID.
- **tagId** (required)
The ID of the tag (e.g., mQhWWuPFNqti-w-AINWHdA).

Request headers

- **Intersect-Version** (optional) -- String
Indicates which version of the API to use. Defaults to the latest version. Call GET /api/info/build to see available API versions.

Responses

default

successful operation

GET /search/{tid}/tags/{boolOperator}/entities

Get elements associated with tags

Returns entities that match the specified tags.

Example Response (Status 200)

```
{
  "requestTime": 29,
  "data": [
    {
      "entityHash": "75c2599ddf50ea85",
      "entityType": "user",
      "entityName": "user68@qa-win-7-conn.local"
    }
  ],
  "cached": "false"
}
```

Consumes

- application/json

Produces

- application/json

Path parameters

- **tid** (required)
The tenant ID.
- **boolOperator** (required)
Indicates whether the returned entities must have any or all of the specified tags. Possible values are any (return entities with any of the specified tags) or all (return entities with all the specified tags).

Request headers

- **Intersect-Version** (optional) -- String

Indicates which version of the API to use. Defaults to the latest version. Call GET `/api/info/build` to see available API versions.

Query parameters

- **tag** (optional)

A list of tags, formatted as `tag=<tagID1>&tag=<tagID2>&tag=<tagID3> . . .`. In the UI, enter unquoted tag IDs in the textbox, one per line.

- **count** (optional)

The number of tagged elements to return.

- **scrollId** (optional)

The `scrollId` from the previous request. Use this `scrollId` to get subsequent results.

Responses

default

successful operation

GET /search/{tid}/tags

Get all tags for a tenant

Get all tags for this tenant. Tags can be configured either by a user through the UI, or by Analytics. The payload specifies the source of the tag.

Example Response (Status 200)

```
{
  "requestTime": 29,
  "data": [
    {
      "name": "exfiltrate",
      "description": null,
      "entities": [],
      "id": "f2c23b9def498aeb",
      "created": "2017-11-30T23:58:55.529Z",
      "createdBy": "td5",
```



```

    "modified": "2017-12-01T00:16:56.016Z",
    "modifiedBy": "td5",
    "source": "user"
  },
  {
    "name": "recon",
    "description": null,
    "entities": [],
    "id": "46b489f7f46588c6",
    "created": "2017-11-30T23:59:38.737Z",
    "createdBy": "td5",
    "source": "user"
  }
],
"cached": "false"
}

```

Filtering the results

The results can be filtered using the `q` parameter, which accepts a filter query (e.g., `userid:a1cb99f133d83b44 AND risk:extreme`):

- **userid**: Allows filtering using the entityHash; use `serverid`, `projectid`, and so on, to filter on other types of scored entities.
- **user**: Allows filtering using the entityName; use `server`, `project`, and so on, to filter on other types of scored entities.
- **risk**: Allows filtering by risk level (low, medium, high, extreme).
- **anomalies**: Allows filtering by anomaly types (e.g., `anomalies:201,202`).

Although the operators AND and OR serve as separators between different filters, their respective values are currently ignored. Filters concerning the same entityType are automatically ORed, and those concerning different entities are ANDed.

Consumes

- application/json

Produces

- application/json

Path parameters

- **tid** (required)
The tenant ID.

Request headers

- **Intersect-Version** (optional) -- String
Indicates which version of the API to use. Defaults to the latest version. Call GET /api/info/build to see available API versions.

Query parameters

- **source** (optional)
Indicates how the tag was created (either by a user or by analytics).
- **q** (optional)
Query filter.
- **typeahead** (optional)
The text to be used to match tags by name.

Responses

```
default
```

successful operation

DELETE /search/{tid}/tags/{tagId}/{tagElementType}/ {elementHash}

Remove a tag from a single element

Deletes a tag from an element such as an entity or an alert.

Example Response (Status 200)

```
{
  "requestTime": 29,
  "data": {
    "message": "46b489f7f46588c6 successfully removed from 'entities' element
75c2599ddf50ea85"
  },
  "cached": "false"
}
```

Consumes

- application/json

Produces

- application/json

Path parameters

- **tid** (required)
The tenant ID.
- **tagId** (required)
The ID of the tag (e.g., mQhWWuPFNqti-w-AINWHdA).
- **elementHash** (required)
The element hash (e.g., 393ff13c9b519ec2).
- **tagElementType** (required)
The type of element with which the tag is associated.

Request headers

- **Intersect-Version** (optional) -- String
Indicates which version of the API to use. Defaults to the latest version. Call GET /api/info/build to see available API versions.

Query parameters

- **retries** (optional)
The number of times to retry the update operation if a conflict occurs.

Responses

default

successful operation

POST /search/{tid}/tags/{tagId}/{tagElementType}/remove

Remove a tag from multiple elements

Deletes a tag from a list of elements of the same type.

Example Response (Status 200)

```
{
  "requestTime": 29,
  "data": {
    "message": "46b489f7f46588c6 successfully removed from entities:
["75c2599ddf50ea85", "75c2599ddf50ea86]"
  }, "cached": "false"
}
```

Consumes

- application/json

Produces

- application/json

Path parameters

- **tid** (required)
The tenant ID.
- **tagId** (required)
The ID of the tag (e.g., mQhWWuPFNqti-w-AINWHdA).
- **tagElementType** (required)
The type of element with which the tag is associated.

Request body

[ApiTagEntities](#)

A list of element hashes.

Request headers

- **Intersect-Version** (optional) -- String
Indicates which version of the API to use. Defaults to the latest version. Call GET /api/info/build to see available API versions.

Query parameters

- **retries** (optional)

The number of times to retry the update operation if a conflict occurs.

Responses

default

successful operation

POST /search/{tid}/tags/{tagId}/update

Update a tag

Changes the specified a tag.

Example Response (Status 200)

```
{
  "requestTime": 29,
  "data": {
    "name": "changedTag",
    "description": "testing tags",
    "entities": [],
    "id": "6f327e088def9386",
    "created": "2017-12-01T00:16:56.016Z",
    "createdBy": "td5",
    "modified": "2017-12-01T00:16:56.016Z",
    "modifiedBy": "td5",
    "source": "user"
  },
  "cached": "false"
}
```

Consumes

- application/json

Produces

- application/json

Path parameters

- **tid** (required)
The tenant ID.
- **tagId** (required)
The ID of the tag (e.g., mQhWWuPFNqti-w-AINWHdA).

Request body

TagBase

Changes the name, description, and the list of entity hashes for the specified tag.

Request headers

- **Intersect-Version** (optional) -- String
Indicates which version of the API to use. Defaults to the latest version. Call GET `/api/info/build` to see available API versions.

Responses

default

successful operation

tenants

DELETE /tenants/{tid}

Delete a tenant

Delete the specified tenant.

Produces

- application/json

Path parameters

- **tid** (required)

Responses

default

successful operation

DELETE /tenants/{tid}/users/{userId}

Delete a user

Delete the specified user from the specified tenant. Permissions and sessions for the user are also deleted. If the user exists in another tenant, that user is not deleted.

Produces

- application/json

Path parameters

- **tid** (required)
- **userId** (required)

Responses

default

successful operation

GET /tenants/{tid}

Get tenant details

Get details for the specified tenant.

Produces

- application/json

Path parameters

- **tid** (required)

Return type

[Tenant](#)

Example data

Content-Type: application/json

```
{
  "created" : "2000-01-23T04:56:07.000+00:00",
  "tenantId" : "a3b",
  "name" : "Interaset"
}
```

Responses

200

successful operation

GET /tenants/{tid}/users

Get list of users for tenant

Get the list of users for the specified tenant.

Produces

- application/json

Path parameters

- **tid** (required)

Return type

array[[ApiTenantUser](#)]

Example data

Content-Type: application/json

```
[ {
  "persistentSessions" : false,
```



```

    "password" : "password123",
    "role" : "admin",
    "permissions" : "[\"ACCESS_INTELLIGENCE\", \"VIEW_INTELLIGENCE_RAW_
EVENTS\"]",
    "created" : 0,
    "tenantId" : "0",
    "name" : "Camilla Ferguson",
    "isActive" : true,
    "userId" : "camilla",
    "local" : false
  }, {
    "persistentSessions" : false,
    "password" : "password123",
    "role" : "admin",
    "permissions" : "[\"ACCESS_INTELLIGENCE\", \"VIEW_INTELLIGENCE_RAW_
EVENTS\"]",
    "created" : 0,
    "tenantId" : "0",
    "name" : "Camilla Ferguson",
    "isActive" : true,
    "userId" : "camilla",
    "local" : false
  } ]

```

Responses

200

successful operation

GET /tenants

Get the list of tenants

Get the list of all tenants.

Produces

- application/json

Return type

array[[Tenant](#)]

Example data

Content-Type: application/json

```
[ {
  "created" : "2000-01-23T04:56:07.000+00:00",
  "tenantId" : "a3b",
  "name" : "Interaset"
}, {
  "created" : "2000-01-23T04:56:07.000+00:00",
  "tenantId" : "a3b",
  "name" : "Interaset"
} ]
```

Responses

200

successful operation

GET /tenants/{tid}/users/{userId}

Get user details for a tenant

Get details about the specified user for the specified tenant.

Produces

- application/json

Path parameters

- **tid** (required)
- **userId** (required)

Return type

[ApiTenantUser](#)

Example data

Content-Type: application/json

```
{
  "persistentSessions" : false,
  "password" : "password123",
  "role" : "admin",
  "permissions" : "[\\"ACCESS_INTELLIGENCE\\",\\"VIEW_INTELLIGENCE_RAW_
EVENTS\\"]",
  "created" : 0,
  "tenantId" : "0",
  "name" : "Camilla Ferguson",
  "isActive" : true,
  "userId" : "camilla",
  "local" : false
}
```

Responses

200

successful operation

PUT /tenants/{tid}

Update tenant details

Consumes

- application/json

Produces

- application/json

Path parameters

- **tid** (required)

Request body

[Tenant](#)

Return type

[Tenant](#)

Example data

Content-Type: application/json

```
{
  "created" : "2000-01-23T04:56:07.000+00:00",
  "tenantId" : "a3b",
  "name" : "Interaset"
}
```

Responses

200

successful operation

PUT /tenants

Set details for multiple tenants

Consumes

- application/json

Request body

[array\[Tenant\]](#)

Responses

default

successful operation

PUT /tenants/{tid}/users/{userId}

Update user details

Create or update the details of a user, or link a user to a tenant.

When you link an existing user to a tenant, the body of the request must contain only the role, userId and tenantId fields. Any update to the name and password fields must be made

against a tenant with which the user is already associated, unless it is a new user, in which case it can be created and linked to a tenant in the same request.

Consumes

- application/json

Produces

- application/json

Path parameters

- **tid** (required)
- **userId** (required)

Request body

[ApiTenantUser](#)

Request headers

- **Intersect-Version** (optional) -- String
Indicates which version of the API to use. Defaults to the latest version. Call GET /api/info/build to see available API versions.

Return type

[ApiTenantUser](#)

Example data

Content-Type: application/json

```
{
  "persistentSessions" : false,
  "password" : "password123",
  "role" : "admin",
  "permissions" : "[\\"ACCESS_INTELLIGENCE\\",\\"VIEW_INTELLIGENCE_RAW_EVENTS\\"]",
  "created" : 0,
  "tenantId" : "0",
  "name" : "Camilla Ferguson",
```

```
"isActive" : true,  
"userId" : "camilla",  
"local" : false  
}
```

Responses

200

successful operation

theme

DELETE /theme/{tid}

Delete a custom theme

Produces

- application/json

Path parameters

- **tid** (required)

Responses

default

successful operation

DELETE /theme

Delete a default theme

Produces

- application/json

Responses

default

successful operation

GET /theme

Get default theme

Returns a map of the default theme information, or {} if none is set. You can set one default theme for your cluster.

Themes change the look and feel of applications by altering colors, text labels, and images.

Example Response (Status 200)

```
{
  "loginGradient1": "linear-gradient(#b4bbc6 65%, #737b83)",
  "loginGradient2": "linear-gradient(#eda24e 65%, #e56443)",
  "accent": "#333333",
  "navBar": "rgb(68, 68, 68)",
  "font1": "hsl(0, 0%, 33%)",
  "font2": "hsl(0, 0%, 40%)",
  "font3": "hsl(0, 0%, 67%)",
  "bannerLabel": "Classified",
  "companyName": "Your Company",
  "footerLabel": "Effectively enhancing corporate synergy",
  "footerEnabled": "false",
  "loginLogo": "(optional - base64 encoded png, 100px height)",
  "navBarLogo": "(optional - base64 encoded png, 80px height)"
}
```

Produces

- application/json

Responses

default

successful operation

GET /theme/{tid}

Get a custom theme

Returns a map of the custom theme information for the specified tenant, or {} if none is set.

Themes change the look and feel of applications by altering colors, text labels, and images.

Example Response (Status 200)

```
{
  "loginGradient1": "linear-gradient(#b4bbc6 65%, #737b83)",
  "loginGradient2": "linear-gradient(#eda24e 65%, #e56443)",
  "accent": "#333333",
  "navBar": "rgb(68, 68, 68)",
  "font1": "hsl(0, 0%, 33%)",
  "font2": "hsl(0, 0%, 40%)",
  "font3": "hsl(0, 0%, 67%)",
  "bannerLabel": "Classified",
  "companyName": "Your Company",
  "footerLabel": "Effectively enhancing corporate synergy",
  "footerEnabled": "false",
  "loginLogo": "(optional - base64 encoded png, 100px height)",
  "navBarLogo": "(optional - base64 encoded png, 80px height)"
}
```

Produces

- application/json

Path parameters

- **tid** (required)

Responses

default

successful operation

PUT /theme

Update default theme

Sets the default theme. You can set one default theme for your cluster.

Themes change the look and feel of applications by altering colors, text labels, and images.

Example Request Body

```
{
  "loginGradient1": "linear-gradient(#b4bbc6 65%, #737b83)",
  "loginGradient2": "linear-gradient(#eda24e 65%, #e56443)",
  "accent": "#333333",
  "navBar": "rgb(68, 68, 68)",
  "font1": "hsl(0, 0%, 33%)",
  "font2": "hsl(0, 0%, 40%)",
  "font3": "hsl(0, 0%, 67%)",
  "bannerLabel": "Classified",
  "companyName": "Your Company",
  "footerLabel": "Effectively enhancing corporate synergy",
  "footerEnabled": "false",
  "loginLogo": "(optional - base64 encoded png, 100px height)",
  "navBarLogo": "(optional - base64 encoded png, 80px height)"
}
```

Consumes

- application/json

Produces

- application/json

Request body

[ApiTheme](#)

Responses

default

successful operation

PUT /theme/{tid}

Update a custom theme

Sets the custom theme for the specified tenant.

Themes change the look and feel of applications by altering colors, text labels, and images.

Example Request Body

```
{
  "loginGradient1": "linear-gradient(#b4bbc6 65%, #737b83)",
  "loginGradient2": "linear-gradient(#eda24e 65%, #e56443)",
  "accent": "#333333",
  "navBar": "rgb(68, 68, 68)",
  "font1": "hsl(0, 0%, 33%)",
  "font2": "hsl(0, 0%, 40%)",
  "font3": "hsl(0, 0%, 67%)",
  "bannerLabel": "Classified",
  "companyName": "Your Company",
  "footerLabel": "Effectively enhancing corporate synergy",
  "footerEnabled": "false",
  "loginLogo": "(optional - base64 encoded png, 100px height)",
  "navBarLogo": "(optional - base64 encoded png, 80px height)"
}
```

Consumes

- application/json

Produces

- application/json

Path parameters

- **tid** (required)

Request body

[ApiTheme](#)

Responses

default

successful operation

url

POST /url

Create a hash for a URL

Creates and returns a hash for the specified URL.

Example Request Body

```
{
  "url": "http://localhost:3000/dashboard/0/entities?ts=-2660400&te=133024&q=&dashboard=ts%3D-2660400%26te%3D133024%26q%3D"
}
```

Example Response (Status 200)

```
{
  "hash": "89653e5d"
}
```

Produces

- application/json

Request body

[ApiUrl](#)

Return type

[ApiHash](#)

Example data

Content-Type: application/json

```
{
  "hash" : "hash"
}
```

Responses

200

successful operation

GET /url/{hash}

Redirect to the URL for a hash

Redirects the user interface to the URL associated with the specified hash.

Produces

- application/json

Path parameters

- **hash** (required)
The URL's hash.

Responses

default

successful operation

users

GET /users

Get the list of users

Gets the list of all users.

Produces

- application/json

Return type

array[Tenant]

Example data

Content-Type: application/json

```
[ {  
  "created" : "2000-01-23T04:56:07.000+00:00",  
  "tenantId" : "a3b",  
  "name" : "Interaset"  
}, {  
  "created" : "2000-01-23T04:56:07.000+00:00",  
  "tenantId" : "a3b",  
  "name" : "Interaset"  
} ]
```

Responses

200

successful operation

Models

ApiAction

- **success** -- Boolean
- **detail** -- String

ApiCredentials

- **username** -- String
- **password** -- String

ApiDashboard

- **doc** -- String
- **name** -- String
- **description** -- String
- **tid** -- String

- **userId** -- String
- **id** -- Integer
Format: int32
- **lastModifiedBy** -- String
- **creationDate** -- Date
Format: date-time
- **lastModifiedDate** -- Date
Format: date-time
- **home** -- Boolean
- **tags** -- array[ApiDashboardTag]
- **private** -- Boolean

ApiDashboardTag

- **name** -- String
A name for the tag.
- **id** -- String
Tag ID

ApiEntityNameRequest

- **entityName** -- String
- **entityType** -- String

ApiHash

- **hash** -- String

ApiMetaRequest

- **resourceType**(*Required*) -- String

The type of the meta resource e.g. comment, annotation, tag, dashboard, visualization and so on.

Enumeration:

- comment
- annotation
- dashboard
- tag
- tuning
- anomalySeen

- **destinationId**(*Required*) -- String

The ID of the destination.

- **destinationType**(*Required*) -- String

The type of the source. Currently supported

Enumeration:

- alerts
- anomalies
- entities

- **content**(*Required*) -- String

The raw content of the object. This is a full text search. Larger than 128KB can significantly impact the search performance.

- **contentType**(*Required*) -- String

Currently supported: markdown, plaintext, html

Enumeration:

- plaintext
- markdown
- json
- html

ApiSavedSearches

- **name** -- String
- **doc** -- JsonNode
- **columns** -- JsonNode

ApiSavedSearchesDraft

- **docDraft** -- JsonNode
- **columnsDraft** -- JsonNode

ApiSavedSearchesResponse

- **name** -- String
- **doc** -- JsonNode
- **columns** -- JsonNode
- **id** -- Integer
Format: int32
- **docDraft** -- JsonNode
- **columnsDraft** -- JsonNode

ApiSessionTenant

- **userId** -- String
The user ID.
- **tenantId** -- String
The tenant ID.
- **permission** -- array[String]
The user's permissions for this tenant.
Enumeration:
- **tenantName** -- String

The tenant name.

- **features** -- array[String]

A list of UI configuration features.

ApiSimpleDashboard

- **doc** -- String
- **name** -- String
- **description** -- String
- **private** -- Boolean

ApiSimpleDashboardTag

- **name** -- String
- A name for the tag.

ApiTagEntities

- **entities** -- array[String]

ApiTenantUser

- **userId** -- String
The user ID.
- **tenantId** -- String
The tenant ID.
- **name** -- String
The user's display name.
- **role** -- String
The user's role for this tenant. The role determines the permissions for the user.

Enumeration:

- user
- admin
- root
- none

- **permissions** -- array[String]

The user's permissions for this tenant.

Enumeration:

- **isActive** -- Boolean

When `false`, this user has been marked as inactive in an external authentication service.

- **password** -- String

- **created** -- Long

The date in milliseconds when this user was created. Format: int64

- **persistentSessions** -- Boolean

When set to `true`, sessions will not expire for this user.

- **local** -- Boolean

When set to `true`, this user is local.

ApiTheme

- **loginGradient1** -- String

- **loginGradient2** -- String

- **accent** -- String

- **navBar** -- String

- **font1** -- String

- **font2** -- String

- **font3** -- String

- **banner** -- String

- **bannerLabel** -- String

- **companyName** -- String

- **footerLabel** -- String
- **footerEnabled** -- Boolean
- **loginLogo** -- String
- **navBarLogo** -- String

ApiUrl

- **url** -- String

DbUser

- **userId** -- String
- **name** -- String
- **isActive** -- Boolean
- **passwordHash** -- String
- **passwordSalt** -- String
- **timestamp** -- Date
Format: date-time
- **persistentSessions** -- Boolean
- **properties** -- map[String, String]

JsonNode

- **valueNode** -- Boolean
- **containerNode** -- Boolean
- **missingNode** -- Boolean
- **nodeType** -- String
Enumeration:

- ARRAY
- BINARY
- BOOLEAN
- MISSING
- NULL
- NUMBER
- OBJECT
- POJO
- STRING

- **pojo** -- Boolean
- **number** -- Boolean
- **integralNumber** -- Boolean
- **floatingPointNumber** -- Boolean
- **short** -- Boolean
- **int** -- Boolean
- **long** -- Boolean
- **float** -- Boolean
- **double** -- Boolean
- **bigDecimal** -- Boolean
- **bigInteger** -- Boolean
- **textual** -- Boolean
- **boolean** -- Boolean
- **binary** -- Boolean
- **object** -- Boolean
- **array** -- Boolean
- **empty** -- Boolean
- **null** -- Boolean

LoginResponse

- **access_token** -- String
Access token.
- **token_type** -- String
Token type (e.g., Basic, Bearer); usually Bearer.

RawEventsGraphRequest

- **query** -- JsonNode
- **sortFields** -- array[SortField]
- **datasources** -- array[String]
Enumeration:
- **ts** -- Long
Format: int64
- **te** -- Long
Format: int64
- **grouping** -- String
- **fields** -- array[String]

RawEventsRequest

- **query** -- JsonNode
- **sortFields** -- array[SortField]
- **datasources** -- array[String]
Enumeration:
- **ts** -- Long
Format: int64
- **te** -- Long

Format: int64

RawEventsTypeaheadRequest

- **query** -- JsonNode
- **sortFields** -- array[SortField]
- **datasources** -- array[String]

Enumeration:

- **ts** -- Long
Format: int64
- **te** -- Long
Format: int64
- **count** -- Integer
Format: int32
- **field** -- String
- **text** -- String
- **sort** -- String

Enumeration:

- asc
- desc

ServiceProxyInfo

- **schema** -- String
- **prefix** -- String
- **description** -- String
- **menu** -- String
- **permissionsByMethod** -- map[String, String]

Enumeration:

- **name** -- String

Session

- **user** -- DbUser
- **accessToken** -- String
- **expirationDate** -- Date
Format: date-time
- **maxSessionAge** -- Integer
Format: int32
- **permissionsPerTenant** -- map[String, array[String]]
Enumeration:

SessionInfo

- **userId** -- String
The user ID.
- **userDisplayName** -- String
The user's display name.
- **extendedApi** -- array[ServiceProxyInfo]
The available proxied APIs.
- **persistentSessions** -- Boolean
When set to true, sessions will not expire for this user.
- **disableTenantManagement** -- Boolean
When set to true, multi-tenant support is disabled.
- **accessToken** -- String
The current access token for this user
- **permissions** -- array[ApiSessionTenant]
- **analyticsTuningAvailable** -- Boolean
Set to true to allow the tuning of analytics.
- **swaggerEndpoints** -- map[String, String]

Available Swagger Endpoints

SortField

- **field** -- String
- **order** -- String

Enumeration:

- asc
- desc

TagBase

- **name** -- String
A name for the tag.
- **description** -- String
A description of the tag.
- **entities** -- array[String]

Tenant

- **tenantId** -- String
The tenant ID. Must be 1 to 3 alpha-numerical characters.
- **name** -- String
The tenant name.
- **created** -- Date
The tenant creation date. Format: date-time

Exports API Reference

Version: 24.1

BasePath: /exports

The Exports API provides a mechanism for exporting reports that contain the information presented in the Intelligence user interface.

Construct Exports API URLs

To call an endpoint in this API, use the fully-qualified domain name (FQDN) of Intelligence, and append the base path (/exports) followed by the path listed in the sections that follow. For example, to call the GET /info/build endpoint, use the following URL with the GET method:

```
https://<FQDN of Intelligence>/exports/info/build
```

Exports API Endpoints

GET /dashboard

Get risk report

Generates a detailed report of the organizational risk, including sections for Top Anomalies and Violations, Top Risky Users, Top Risky Projects, and so on.

Consumes

- application/json

Produces

- application/pdf

Query Parameters

- **tid**
The tenant ID.
- **format**
The format of the exported dashboard (pdf, jpeg, or png).

- **ts**
Start time in seconds. If no value is provided, the start time of the dataset is used. You can also use (case-insensitive) natural language with relative times, for example, 'first monday in july, 2017', or '10 days ago'.
- **te**
End time in seconds. If no value is provided, the end time of the dataset is used. You can also use (case-insensitive) natural language with relative times, for example, 'first monday in july, 2017', or '10 days ago'.
- **tz**
The timezone in which the results should be returned (e.g., +5:00, America/Montreal, EST).

Return type

String

Responses

```
200 OK
```

Successful operation

GET /info/build

Get version information

Returns information about this version of the Exports API.

Example Response (Status 200)

```
{"Build-Number": "5.7.0.937"}
```

Produces

application/json

Responses

```
200 OK
```

Successful operation

Publication Status

Released: Wednesday, January 10, 2024

Support

Contact Information

Phone	A list of phone numbers is available on the Technical Support Page: https://softwaresupport.softwaregrp.com/support-contact-information
Support Web Site	https://softwaresupport.softwaregrp.com/
ArcSight Product Documentation	https://www.microfocus.com/documentation/arcSight/

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