



ArcSight SmartConnectors

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Configuration Guide for IBM SDSF for z/OS File SmartConnector

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Configuration Guide for IBM SDSF for z/OS File SmartConnector

This guide provides information for installing the SmartConnector for IBM SDSF System Log for z/OS File and configuring SDSF for system log event collection. OS/390 and z/OS SDSF versions are supported.

The IBM System Display and Search Facility (SDSF) is an optional feature of OS/390 that provides information for monitoring, managing, and controlling an MVS/JES2 System.

Intended Audience

This guide provides information for IT administrators who are responsible for managing the ArcSight software and its environment.

Additional Documentation

The ArcSight SmartConnector documentation library includes the following resources:

- [Technical Requirements Guide for SmartConnector](#), which provides information about operating system, appliance, browser, and other support details for SmartConnector.
- [Installation and User Guide for SmartConnectors](#), which provides detailed information about installing SmartConnectors.
- [Configuration Guides for ArcSight SmartConnectors](#), which provides information about configuring SmartConnectors to collect events from different sources.
- [Configuration Guide for SmartConnector Load Balancer](#), which provides detailed information about installing Load Balancer.

For the most recent version of this guide and other ArcSight SmartConnector documentation resources, visit the [documentation site for ArcSight SmartConnectors 8.4](#).

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Configuration

SDSF provides an audit trail of all statements that have been processed. The statements and any associated error messages are written to a log file that you allocate in the server JCL. If a log file has not been allocated in the server job control language, SDSF allocates a log to the SYSOUT class specified in the server startup options.

For more information, see the *IBM SDSF Guide and Reference* and the *IBM SDSF Customization and Security* manuals for OS/390 and z/OS for information about configuring SDSF for ArcSight SmartConnector event collection.

Installing the SmartConnector

The following sections provide instructions for installing and configuring your selected SmartConnector.



Connector Appliance/ArcSight Management Center supports mounting for Network File System (NFS) and CIFS (Windows) shares. When you install this connector on one of these devices, establish a CIFS mount on the device before adding the connector. Provide this share name during connector configuration. For more information, see **Remote File Systems** in the Connector Appliance or ArcSight Management Center Administrator's Guide.

Preparing to Install the SmartConnector

Before you install any SmartConnectors, make sure that the OpenText ArcSight products with which the connectors will communicate have already been installed correctly (such as ArcSight ESM or ArcSight Logger).

For complete product information, refer to the *Administrator's Guide to ArcSight Platform*, available on [ArcSight Documentation](#).

If you are adding a connector to the ArcSight Management Center, see the *ArcSight Management Center Administrator's Guide* available on [ArcSight Documentation](#) for instructions.

Before installing the SmartConnector, make sure that the following are available:

- Local access to the machine where the SmartConnector is to be installed
- Administrator passwords

Configuring and Installing the SmartConnector

1. Start the installation wizard.
2. Follow the instructions in the wizard to install the core software.
3. Specify the relevant [Global Parameters](#), when prompted.
4. From the **Type** drop-down menu, select **IBM SDSF for z/OS File** and click **Next**.
5. Enter the required SmartConnector parameters to configure the SmartConnector, then click **Next**.

Device Event Mapping to ArcSight Fields

The following section lists the mappings of ArcSight data fields to the device's specific event definitions. For more information about the ArcSight data fields, see the [ArcSight Console User's Guide](#) .

IBM SDSF for z/OS Event Mappings to ArcSight ESM Fields

ArcSight ESM Field	Device-Specific Field
Destination Process Name	OS390 process name
Destination User Id	OS390 userid
Device Custom Number 1	Event type number
Device Custom Number 2	Event sequence number
Device Custom Number 3	Event sequence number
Device Custom String 1	Event type code
Device Custom String 4	Event sequence number
Device Custom String 5	Event type id
Device Event Category	Record Type
Device Event Class ID	OS390 Message ID
Device Host Name	OS390 originating host
Device Process Name	OS390 destination process name
Device Product	OS390_syslog
Device Receipt Time	Event time
Device Vendor	IBM
External ID	OS390 event ID
File Name	OS390 cmd
Message	OS390 message
Name	Event name or event type ID

ArcSight ESM Field	Device-Specific Field
Source Process Name	OS390 originator process name
Source Service Name	OS390 service
Source User Name	OS390 username

If the customer used the MySQL JDBC driver 5.1.38 and had issues receiving events, the workaround is to apply the older version of driver 5.0.8, for the connector to start receiving events again.

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