

Answer Server

Software Version 12.2.0

Release Notes



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- Software Release Date, which indicates the release date of this version of the software.

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- Enter into discussions with other software customers
- Download software patches
- Manage software licenses, downloads, and support contracts
- Submit and track service requests
- Contact customer support
- View information about all services that Support offers

Many areas of the portal require you to sign in with a Software Passport. If you need a Passport, you can create one when prompted to sign in. To learn about the different access levels the portal uses, see the [Access Levels descriptions](#).

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New in this Release

This section lists the enhancements to Answer Server version 12.2.0.

General

- More question formats support an implicit subject, so that Answer Server can provide a result when you use context with the `Ask` action. For example, if the current context is "France", you can now ask a qualified question such as "What was its population in 2012?"
- The Query Manipulation Server that you configure as your synonym store is returned in the response to the `GetChildren` action.
- In more cases, Answer Server uses the action ID that it receives to set the action ID for actions that it sends to other components to fulfill the original request.
- Elliptic Curve certificates and keys are supported, to enable the use of ECDSA and ECDH ciphers in TLS communications.

Fact Bank

- To improve response times for the `ask` action, Fact Bank can use multiple threads to gather answers. To use multiple threads set the new configuration parameter `AskParallelizationFactor`.
- Fact Bank sends fewer database requests during `ask` actions, when `CodifierType=odbc`.

Answer Bank

- Answer Server uses QMS synonym rules to expand exact phrases in question equivalence class rules.
- You can now use a context with the `ask` action for Answer Bank so that a question with an implicit subject can be answered. For example, 'Who is its CEO?'. To enable this, `EductionGrammars` and `EductionLuaScript` must be configured in the Answer Bank System section of the configuration file, and your question equivalence classes must be labeled with a context.

Passage Extractor

- Passage extractor supports questions in the format "Is X Y?", for example "Is gold valuable?".
- You can now use a context with the `ask` action for PassageExtractor so that a question with an implicit subject can be answered. For example, 'Who is its CEO?'

- The `TaskUtils:ask` Lua method accepts a table of additional parameters so that you can customize the query. For example, you could set the `MinScore` parameter to ignore answers that fail to meet a specified score. You can use the same parameters that are supported by the `Ask` action. Parameters not recognized by the `Ask` action but permitted by `AllowedQueryParameters` are passed through to child servers (for example an Answer Bank Agentstore).
- Conversations that ask Answer Bank or Passage Extractor systems now use context from any answers those systems provide.

Resolved Issues

This section lists the resolved issues in Answer Server version 12.2.0.

- The `LuaXmlDocument` objects returned by `TaskUtils::ask` were missing the `answer/system_name` fields.

Documentation

The following documentation was updated for this release.

- *Answer Server Reference*
- *Answer Server Administration Guide*