

CA Workload Automation Agent for Databases

Release Notes

r11.3



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Chapter 1: Agent Functionality

This section contains the following topics:

[CA WA Agent for Databases](#) (see page 7)

CA WA Agent for Databases

The CA WA Agent for Databases lets a user perform tasks such as the following:

- Execute SQL queries against a relational database
- Run stored procedures contained in a relational database
- Monitor a relational database for changes to a table

Note: You can schedule jobs for Oracle, Microsoft SQL Server, and IBM DB2 databases.

Chapter 2: New Features

This section contains the following topics:

[New Product Name](#) (see page 9)

[For Administrators](#) (see page 9)

New Product Name

In the previous release, the product was named ESP Agent for Databases. Starting in r11.3, we have renamed the product to CA Workload Automation Agent for Databases. The product documentation uses agent as the short form.

For Administrators

The agent is enhanced with the following new features:

Installation Backup File

The agent plug-in installation program now backs up all modified and replaced files. The backup files are compressed into a file named `backup_timestamp.zip`, located in the `backups` subdirectory of the agent installation directory. You can use Winzip or other similar utilities to open the backup file. In previous releases, the installation program stored a renamed copy of the `agentparm.txt` file in the agent installation directory. In this release, a backup copy of the `agentparm.txt` file is now stored in the zip file.

Automated Spool File Cleanup

You can configure the agent to automatically clear spool files of successfully completed SQL and Stored Procedure jobs using the `agent.spool.success.autocleanup` parameter in the `agentparm.txt` file.

Chapter 3: Changes to Existing Features

This section contains the following topics:

[For Administrators](#) (see page 11)

[For Schedulers and Operators](#) (see page 11)

For Administrators

The agent is enhanced with the following changes:

Handling of SQL Exceptions in Stored Procedure Jobs

In prior releases of the agent, the agent would retry sending a message to run a stored procedure when an error occurred between the agent and the database. When the stored procedure returned an SQL exception, the agent sent messages that caused duplicate entries in the database table. To prevent duplications from occurring when possible stored procedure exceptions occur, by default the agent now sends only one message to run a stored procedure. If you need the agent to retry sending messages, for example, when the agent has problems connecting to the database, you can configure the `db.dbproc.retryOnFailure` parameter in the `agentparm.txt` file.

For Schedulers and Operators

The agent is enhanced with the following changes:

Change to Evaluation Criteria for a Return String

The rules for defining a regular expression used to evaluate a string returned by an SQL or Stored Procedure job have changed. The agent uses rules for Java class `java.util.regex.Pattern`. For more details, see the `JOB_CRITERIA` Statement for CA Workload Automation EE.

Chapter 4: Supported Systems and Requirements

This section contains the following topics:

[Certified Databases](#) (see page 13)

[Supported Platforms and Scheduling Managers](#) (see page 13)

Certified Databases

The following databases are certified for CA WA Agent for Databases:

| Database Type | Version |
|----------------------|--------------------------------------------------------------------------------------------------|
| IBM DB2 | IBM DB2 Universal Database Versions 8.1-9.5 IBM DB2 Universal Database for z/OS Version 8-9.2 |
| MicroSoft SQL Server | Microsoft SQL Server 2005 and 2008 |
| Oracle | Oracle Database 10g and 11g Enterprise Edition |

Supported Platforms and Scheduling Managers

For current information regarding platform and scheduling manager support, see the CA Workload Automation Support web page at <http://ca.com/support>.

Chapter 5: Related Documentation

Documentation for the agent and scheduling managers is available in PDF format at <http://ca.com/support>.

Note: To view PDF files, you must download and install the Adobe Reader from the Adobe website if it is not already installed on your computer.

This section contains the following topics:

[Agent Documentation](#) (see page 15)

[CA Workload Automation AE Documentation](#) (see page 15)

[CA Workload Automation DE Documentation](#) (see page 16)

[CA Workload Automation EE Documentation](#) (see page 16)

[CA Workload Automation SE Documentation](#) (see page 17)

Agent Documentation

To install, configure, and maintain the agent, see the *CA Workload Automation Agent for Databases r11.3 Implementation Guide*.

CA Workload Automation AE Documentation

To work with the agent and CA Workload Automation AE r11.3, see the following documentation:

| Task | Documentation |
|---------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Configure the scheduling manager to work with the agent | <i>CA Workload Automation AE UNIX Implementation Guide</i> <i>CA Workload Automation AE Windows Implementation Guide</i> |
| Define, monitor, and control jobs | <i>CA Workload Automation AE Reference Guide</i> <i>CA Workload Automation AE User Guide</i> <i>CA Workload Control Center Workload Scheduling Guide</i> |

CA Workload Automation DE Documentation

To work with the agent and CA Workload Automation DE r11.3, see the following documentation:

| Task | Documentation |
|---------------------------------------------------------|------------------------------------------------|
| Configure the scheduling manager to work with the agent | <i>Desktop Client Admin Perspective Help</i> |
| Define jobs | <i>Desktop Client Define Perspective Help</i> |
| Monitor and control jobs | <i>Desktop Client Monitor Perspective Help</i> |

Note: The online help is available in HTML and PDF formats.

CA Workload Automation EE Documentation

To work with the agent and CA Workload Automation EE r11.3, see the following documentation:

| Task | Documentation |
|---------------------------------------------------------|----------------------------------------------------------------------------------------------|
| Configure the scheduling manager to work with the agent | <i>CA Workload Automation EE Installation and Configuration Guide</i> |
| Define jobs | <i>CA ESP Workload Automation Database Agent Guide to Scheduling Workload</i> |
| Monitor and control jobs | <i>CA Workload Automation Agent for UNIX, Linux, or Windows Guide to Scheduling Workload</i> |
| | <i>CA Workload Automation EE Operator's Guide</i> |

CA Workload Automation SE Documentation

To work with the agent and CA Workload Automation SE r11.3, see the following documentation:

| Task | Documentation |
|---------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Configure the scheduling manager to work with the agent | <i>CA Integrated Agent Services Implementation Guide</i> <i>CA Workload Automation SE Interface Reference Guide</i> <i>CA Workload Automation SE Systems Programming Guide</i> |
| Define, monitor, and control jobs | <i>CA Integrated Agent Services User Guide</i> <i>CA Workload Automation SE Interface Reference Guide</i> <i>CA Workload Automation SE Database Maintenance Guide</i> <i>CA Workload Automation SE Command Reference Guide</i> |