



Upgrading third-party products

OnCommand Workflow Automation 5.0

NetApp

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Upgrading third-party products

You can upgrade third-party products on OnCommand Workflow Automation (WFA) such as JRE, MySQL, and ActiveState Perl in Windows. Third-party products like JRE, MYSQL, and so on, report security vulnerabilities. Starting from this release of WFA, you can now upgrade third-party products on your own.

Upgrade JRE

You can upgrade new versions of Java Runtime Environment (JRE) to OnCommand Workflow Automation (WFA) on the Windows server. You can upgrade to a newer version of JRE to get fixes for security vulnerabilities on the Windows server.

What you'll need

You must have Windows admin privileges on the WFA server.

About this task

You can update JRE releases within release families. For example, you can upgrade from Java 8 update 144 (64 bit) to Java 8 update 151 (64 bit), but you cannot update directly from Java 8 to Java 9.

Steps

1. Log in as the admin user on the WFA host machine.
2. Download and install the latest version of Java 8 64-bit from the Oracle site to the target system.
3. Use the Windows Services console to stop the following WFA services:
 - NetApp WFA Database or MYSQL57
 - NetApp WFA Server
4. Click `updateWFARegistry.vbs` from the `<installdir>\WFA\bin\` path to update the latest version of JRE in the WFA registry.

Example

```
C:\Program Files\NetApp\WFA\bin>cscript.exe
updateWFARegistry.vbs
Microsoft (R) Windows Script Host Version 5.8
Copyright (C) Microsoft Corporation. All rights reserved
C:\Program Files\NetApp\WFA\bin>
```

5. Start the WFA services by using the Windows Services console.

Upgrade MySQL

You can upgrade new versions of MySQL for OnCommand Workflow Automation (WFA) on the Windows server. You can upgrade to a newer version of MySQL to get fixes for security vulnerabilities on the Windows server.

What you'll need

You must have Windows admin privileges and the password for MySQL root user on the WFA server.



Before reinstalling WFA 4.2 or later, you must have deleted the MySQL data directory if you have uninstalled MySQL.

About this task

You should be aware of the following limitations:

- You can upgrade within any version of MySQL 5.7.

For example, you can upgrade from MySQL 5.7.1 to MySQL 5.7.2.

- You cannot upgrade from MySQL 5.7 to MySQL 5.8

Steps

1. Log in as the admin user on the WFA host machine.
2. Download the appropriate version of MySQL to the target system.
3. Use the Windows Services console to stop the following WFA services:
 - NetApp WFA Database or MYSQL57
 - NetApp WFA Server
4. Click on the MYSQL msi package to invoke the upgrade of MySQL.
5. Follow the instructions on the screen to complete MySQL installation.
6. Start the WFA services by using the Windows **Services** console.

Upgrade ActiveState Perl

OnCommand Workflow Automation (WFA) works with the Enterprise edition of ActiveState Perl on Windows. You can upgrade to a newer version of ActiveState Perl to get fixes for security vulnerabilities on the Windows server.

What you'll need

You must have Windows admin privileges on the WFA server. ActiveState Perl does not support “in-place” upgrades.

About this task

WFA 5.0 uses the Enterprise edition of ActiveState Perl.

You can upgrade from ActiveState Perl 5.16.3 build 1603.14 to later builds. You cannot upgrade to a major release of ActiveState Perl.

Steps

1. Log in as the admin user on the WFA host machine.
2. Download the latest version of 64-bit ActiveState Enterprise Edition 5.16.3 to the target system.
3. Use the Windows Services console to stop the following WFA services:
 - WFA Database or MYSQL57

- WFA Server

4. Uninstall the current version of ActiveState Perl on the target system from the control panel.
5. Perform a backup of the `C:\Perl64\site\lib` folder.
6. Install the new ActiveState Enterprise Edition on the target machine.
7. Restore the `\site\lib` folder of ActiveState Enterprise Edition whose backup you created in step 5.
8. Restart the WFA services by using the Windows Services console.

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