

# HP Server Automation

Version: 9.06 or later and 9.11 or later

## Technical Note: Windows<sup>®</sup> Patching – Multibinary Support

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## Enabling Support for Windows Multibinary Patches in SA

You can import and install most Windows multibinary patches, including those that have been traditionally blocked by SA or required `fixit` scripts (such as `MS11-078.pyc`).

**Note:** These instructions are for SA upgrades and fresh installs for SA 9.06, 9.11, or later within those branches.

*To enable Windows multibinary patch support, complete the following steps:*

1. Run the `clear_winpatch_prereq_override.pyc` script on your core servers to allow import of previously blocked patches. (See [Step 1: Run the Python Script for Multibinary Support on the SA Core.](#))
2. Run your patch import process to create the patch entry. (See [Step 2: Run Your Patch Import Process.](#))
3. Update to the SA Agent associated with your version of SA on all managed servers in the facility to enable new SA functionality. (See [Step 3: Update the SA Agents on your Managed Servers.](#))

**Important:** The SA Agent must be updated before you scan and remediate the servers.

**CAUTION:** Do not apply any SA-provided `fixit` scripts after upgrading to SA 9.06, 9.11, or later. The `fixit` scripts are only applicable to previous versions of SA. If you encounter an issue with a patch for which there have been `fixit` scripts in the past, please contact SA Customer Support. Applying `fixit` scripts will no longer resolve the issue and could cause an error.

### Step 1: Run the Python Script for Multibinary Support on the SA Core

**Prerequisite:** The SA Core must be upgraded to 9.06, 9.11, or later.

#### Running the Python Script:

Run these commands on the SA Core server with the Software Repository (Word) component:

```
# cd /opt/opsware/mm_wordbot/util
# export PYTHONPATH=/opt/opsware/pylibs2
# python clear_winpatch_prereq_override.pyc -c -d
```

The `clear_winpatch_prereq_override.pyc` script has the following options:

Option	Description
- c	Clears out the blocked patches
- d	Displays the current value <b>Note:</b> You can run the script with just the <code>-d</code> value to see the current value.

## Step 2: Run Your Patch Import Process

After running the Python script, run your patch import process based on your network configuration.

**Note:** See the Windows chapter in the *SA User Guide: Server Patching* for instructions on downloading the Microsoft patch metadata and importing Windows patches.

## Step 3: Update the SA Agents on your Managed Servers

After completing the SA upgrade, update the SA Agent on each Managed Server in the facility. The latest version of the SA Agent enables you to use new SA functionality, including support for Windows Multibinary Patches.

**Important:** The SA Agent must be updated before you scan and remediate the servers.

Before updating the SA Agent, check to make sure the version of the agent on each relevant Managed Server is equal to or above the version number listed for your upgraded release of Server Automation (SA).

SA Agents that Support Windows Multibinary Patches:

SA Version	Name	Type	SA Agent Version
9.06	HP SA Agent	Windows MSI	40.0.0.1.127
9.11	HP SA Agent	Windows MSI	45.0.16956.0

**Note:** See the *SA User's Guide: Server Automation* for information about checking the version of your SA Agent and using the Agent Upgrade Tool.

**CAUTION:** After you upgrade to SA 9.06, 9.11, or later, you should upgrade the SA Agent on each Managed Server in the facility. The latest version of the SA Agent enables you to use new SA functionality. You can continue to use non-upgraded agents, but you will not be able to take advantage of all SA functionality, such as support for Windows Multibinary Patches.

## Additional Information

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