

# Migration of Smart Plug-ins for HP Operations Manager for Windows



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# Introduction

This document provides information about migrating Smart Plug-ins (SPIs) from previous versions of HP Operations Manager (HPOM) for Windows to HPOM for Windows 9.00.

Before migrating or upgrading from the previous versions of HPOM for Windows to HPOM for Windows 9.00, see the *Installation Guide for HP Operations Manager for Windows 9.00*.

## Supported Migration Scenarios

The SPIs from the SPI DVDs - OpenView Operations for Windows (OVO for Windows) 7.50, HPOM for Windows 8.10, and HPOM for Windows 8.16, can be migrated to HPOM for Windows 9.00.

HPOM for Windows 9.00 does not support installation of SPIs from the following SPI DVDs.

SPI DVD	Release Date
SPI DVD 2007.2	July 2008
SPI DVD 2008.1	November 2008
SPI DVD 2009.1	January 2010

However, the configuration can be downloaded to OVO for Windows 7.50 or HPOM for Windows 8.1x and then uploaded on to HPOM for Windows 9.00.

## Migrating from OVO for Windows 7.50, HPOM for Windows 8.10, or HPOM for Windows 8.16

Migration from OVO for Windows 7.50, HPOM for Windows 8.10, or HPOM for Windows 8.16 to HPOM for Windows 9.00 is supported only on a 64-bit Windows operating system. For more information, see the *Installation Guide for HP Operations Manager for Windows*.

### Migrating SPI data

During HPOM server migration, the SPI components—policies, tools, and instrumentation data are copied to the target HPOM 9.00 server. The SPI shared directories and files, located at %OvShareDir%\SPI-Share\

When the consolidated server patch version 8.19 (OMW\_00090) is installed on HPOM for Windows 8.10 and 8.16 servers, which run on 32-bit operating systems, the HPOM servers—8.10, 8.16, and 9.00 have the same functionalities. In this case, the SPIs work as before and do not require any redeployment on the managed nodes.

### Limitations and Workarounds

The following section provides details about the limitations and workarounds while migrating SPIs from a specific SPI DVD.

## SPI DVD 2007.2

When upgrading from OVO for Windows 7.50 or HPOM for Windows 8.xx to HPOM for Windows 9.00, the interim combination of HPOM for Windows 9.00 and SPI DVD 2007.2 as an operational environment is supported with the following conditions:

- Migrated policies, instrumentation, and tools can be deployed on existing managed nodes if the agent on the node is unchanged.
- SPI tools must work in emulation mode as they use 32-bit binaries. The Operations Topology Viewer tool for SPI for Microsoft Active Directory or SPI for Microsoft Exchange console package does not work on 64-bit operating system.
- In the SPI for Databases, the operator-initiated action to launch the graph from an event does *not* work.
- SPI DVD 2007.2 supports only DCE nodes on OVO for Windows 7.50. You cannot manage DCE upgraded to HTTPS node or new HTTPS nodes with SPI DVD 2007.2 SPIs migrated from OVO for Windows 7.50.
- The SPI cannot be removed using the SPI installation media. You need to remove the SPI components manually.

## SPI DVD 2008.1

When upgrading from OVO for Windows 7.50 or HPOM for Windows 8.xx to HPOM for Windows 9.00 management server, the interim combination of HPOM 9.00 and SPI DVD 2008.1 as an operating environment is supported with the following conditions:

- Migrated policies, instrumentation, and tools can be deployed on existing managed nodes if the agent on the node is unchanged.
- SPI tools must work in emulation mode as they use 32-bit binaries. The Operations Topology Viewer tool for SPI for Microsoft Active Directory or SPI for Microsoft Exchange console package does not work on 64-bit operating system.
- In the SPI for Databases, the operator-initiated action to launch the graph from an event does *not* work.
- SPI DVD 2008.1 supports only DCE nodes on OVO for Windows 7.50. You cannot manage DCE upgraded to HTTPS node or new HTTPS nodes with SPI DVD 2008.1 SPIs migrated from OVO for Windows 7.50.
- SPIs, migrated from HPOM for Windows 8.xx, cannot be deployed to newly added HTTPS node with 8.6x agent or DCE upgraded to HTTPS 8.6x. SPI DVD 2008.1 supports Operations agent 7.5 (DCE), 8.1x, and 8.5x. It does not support 8.6x (8.6x is HTTPS).
- The SPI cannot be removed using the SPI installation media. You need to remove the SPI components manually.

## SPI DVD 2009.1

SPI DVD 2009.1 is supported on HPOM for Windows 8.1x and HTTPS agents only. When upgrading from HPOM 8.xx to HPOM for Windows 9.00 server, the interim combination of HPOM for Windows 9.00 and SPI DVD 2009.1 as an operating environment is supported with the following conditions:

- Migrated policies, instrumentation, and tools can be deployed on existing HTTPS nodes if the agent on the node is unchanged.
- Newly added nodes with 8.6x agent, DCE upgraded to HTTPS 8.6x agent, or HTTPS agent upgraded to 8.6x can be managed by the SPIs. SPI DVD 2009.1 supports Operations agent 8.5x and 8.6x.

- In the SPI for Databases, the operator-initiated action to launch the graph from an event does *not* work.
- SPI tools must work in emulation mode as they use 32-bit binaries. The Operations Topology Viewer tool for SPI for Microsoft Active Directory or SPI for Microsoft Exchange console package does not work on 64-bit operating system.
- The SPI cannot be removed using the SPI installation media. You need to remove the SPI components manually.

**Note:** SPI DVD 2009.1 is supported on HPOM for Windows 8.1x and HTTPS agents only. SPI DVD 2009.1 supports Operations agent 8.5x and 8.6x.

After migrating the management server, nodes from the old server work with the new management server and do not require any redeployment.

Deploying or upgrading DCE agent on the existing node is *not* possible from HPOM for Windows 9.00 management server.

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