

HP Operations Orchestration

For the Windows[®] operating systems

Software Version: 9.x and later (including CP13)

Integrations Matrix

Document Release Date: December 2013

Software Release Date: December 2013



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Introduction

This guide lists the versions of the products that integrate with OO, that each version of HP Operations Orchestration software supports.

Note: This guide applies only to the English version of OO.

Amazon Integrations

HP Operations Orchestration supports the following Amazon products.

Amazon Elastic Cloud Compute (EC2)	5
Amazon Identity and Access Management (IAM)	6
Amazon Elastic Load Balancing (ELB)	6
Amazon Security Token Service (STS)	7
Amazon Simple Storage Service (S3)	7
Amazon Virtual Private Cloud (VPC)	8

Amazon Elastic Cloud Compute (EC2)

The following table lists the versions of Elastic Cloud Compute that each version of HP Operations Orchestration software supports.

OO	Elastic Cloud Compute (EC2) Version			
	EC2 Query API Version 2009-04-04	EC2 Query API Version 2011-12-15		
7.20.x (including 7.20.01)				
7.50.x (including 7.50.03)				
7.51.x (including 7.51.04)	✓			
7.60.x (including 7.60.02)	✓			
9.0x (including Content Pack 12)	✓	✓		

Amazon Identity and Access Management (IAM)

The following table lists the versions of Amazon Identity and Access Management (IAM) that each version of HP Operations Orchestration software supports.

	Identity and Access Management Version			
OO	IAM API Version 2010-05-08			
7.20.x (including 7.20.01)				
7.50.x (including 7.50.03)				
7.51.x (including 7.51.04)				
7.60.x (including 7.60.02)				
9.0x (including Content Pack 12)	✓			

Amazon Elastic Load Balancing (ELB)

The following table lists the versions of Amazon Elastic Load Balancing which each version of HP Operations Orchestration software supports.

	Elastic Load Balancing Version			
OO	Elastic Load Balancing API Version 2009-11-25			
7.20.x (including 7.20.01)				
7.50.x (including 7.50.03)				
7.51.x (including 7.51.04)				
7.60.x (including 7.60.02)				
9.0x (including Content Pack 13)	✓			

Amazon Security Token Service (STS)

The following table lists the versions of Security Token Service (STS) that each version of HP Operations Orchestration software supports.

	Security Token Service Version			
OO	STS API Version 2011-06-15			
7.20.x (including 7.20.01)				
7.50.x (including 7.50.03)				
7.51.x (including 7.51.04)				
7.60.x (including 7.60.02)				
9.0x (including Content Pack 12)	✓			

Amazon Simple Storage Service (S3)

The following table lists the versions of Amazon Simple Storage Device (S3) that each version of HP Operations Orchestration software supports.

	Simple Storage Device Version			
OO	S3 REST API version 2006-03-01			
7.20.x (including 7.20.01)				
7.50.x (including 7.50.03)				
7.51.x (including 7.51.04)				
7.60.x (including 7.60.02)				
9.0x (including Content Pack 12)	✓			

Amazon Virtual Private Cloud (VPC)

The following table lists the versions of Amazon Virtual Private Cloud (VPC) that each version of HP Operations Orchestration software supports.

	Virtual Private Cloud Version			
OO	EC2 Query API Version 2011-12- 15			
7.20.x (including 7.20.01)				
7.50.x (including 7.50.03)				
7.51.x (including 7.51.04)				
7.60.x (including 7.60.02)				
9.0x (including Content Pack 12)	✓			

Apache Integrations

HP Operations Orchestration supports the following Apache product.

Apache Tomcat 9

Apache Tomcat

The following table lists the versions of Apache Tomcat that each version of HP Operations Orchestration software supports.

	Tomcat Version			
OO	6.x			
7.20.x (including 7.20.01)	✓			
7.50.x (including 7.50.03)	✓			
7.51.x (including 7.51.04)	✓			
7.60.x (including 7.60.02)	✓			
9.0x (including Content Pack 13)	N/A			

BMC Index

HP Operations Orchestration supports the following BMC products.

BMC Atrium CMDB	10
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BMC Remedy	11

BMC Atrium CMDB

The following table lists the versions of BMC Atrium CMDB that each version of HP Operations Orchestration software supports.

	Atrium CMDB Version			
OO	2.01			
7.20.x (including 7.20.01)	✓			
7.50.x (including 7.50.03)	✓			
7.51.x (including 7.51.04)	✓			
7.60.x (including 7.60.02)	✓			
9.0x (including Content Pack 12)	✓			

BMC Patrol

The following table lists the versions of BMC Patrol that each version of HP Operations Orchestration software supports.

	Patrol Version			
OO	7.5.0			
7.20.x (including 7.20.01)	✓			
7.50.x (including 7.50.03)	✓			
7.51.x (including 7.51.04)	✓			
7.60.x (including 7.60.02)	✓			
9.0x (including Content Pack 12)	✓			

BMC Remedy

The following table lists the versions of BMC Remedy that each version of HP Operations Orchestration software supports.

	Remedy Version			
OO	6.x	7.x		
7.20.x (including 7.20.01)	✓	✓		
7.50.x (including 7.50.03)	✓	✓		
7.51.x (including 7.51.04)	✓	✓		
7.60.x (including 7.60.02)	✓	✓		
9.0x (including Content Pack 12)	✓	✓		

Cisco Integrations

HP Operations Orchestration supports the following Cisco product.

Cisco IOS 12

Cisco IOS

The following table lists the versions of Cisco IOS that each version of HP Operations Orchestration software supports.

OO	IOS Version			
	12.3T	12.4T		
7.20.x (including 7.20.01)	✓			
7.50.x (including 7.50.03)	✓			
7.51.x (including 7.51.04)	✓			
7.60.x (including 7.60.02)	✓			
9.0x (including Content Pack 12)	✓	✓		

Citrix Integrations

HP Operations Orchestration supports the following Citrix products.

Citrix Presentation Server	13
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Citrix XenApp	14

Citrix Presentation Server

The following table lists the versions of Citrix Presentation Server that each version of HP Operations Orchestration software supports.

OO	3.0	4.0	
7.20.x (including 7.20.01)	✓	✓	
7.50.x (including 7.50.03)	✓	✓	
7.51.x (including 7.51.04)	✓	✓	
7.60.x (including 7.60.02)	✓	✓	
9.0x (including Content Pack 12)		✓	

Citrix Xen Server

The following table lists the versions of Citrix Xen Server that each version of HP Operations Orchestration software supports.

OO	Xen Server Version		
	5.0	6.0	
7.20.x (including 7.20.01)	✓		
7.50.x (including 7.50.03)	✓		
7.51.x (including 7.51.04)	✓		
7.60.x (including 7.60.02)	✓		
9.0x (including Content Pack 13)	✓	✓	

Citrix XenApp

The following table lists the versions of Citrix XenApp that each version of HP Operations Orchestration software supports.

	XenApp Version			
OO	6			
7.20.x (including 7.20.01)				
7.50.x (including 7.50.03)				
7.51.x (including 7.51.04)				
7.60.x (including 7.60.02)				
9.0x (including Content Pack 12)	✓			

Computer Associates Integrations

HP Operations Orchestration supports the following Computer Associates products.

Computer Associates Unicenter Network & Systems Manager	15
Computer Associates Unicenter Service Desk	15

Computer Associates Unicenter Network & Systems Manager

The following table lists the versions of Computer Associates Unicenter Network & Systems Manager that each version of HP Operations Orchestration software supports.

	Unicenter Network & Systems Manager Version			
OO	R11.2			
7.20.x (including 7.20.01)	✓			
7.50.x (including 7.50.03)	✓			
7.51.x (including 7.51.04)	✓			
7.60.x (including 7.60.02)	✓			
9.0x (including Content Pack 12)	✓			

Computer Associates Unicenter Service Desk

The following table lists the versions of Computer Associates Unicenter Service Desk that each version of HP Operations Orchestration software supports.

	Unicenter Network & Systems Manager Version			
OO	R11.2			
7.20.x (including 7.20.01)	✓			
7.50.x (including 7.50.03)	✓			
7.51.x (including 7.51.04)	✓			
7.60.x (including 7.60.02)	✓			
9.0x (including Content Pack 12)	✓			

F5 Integrations

HP Operations Orchestration supports the following F5 product.

F5 BigIP 16

F5 BigIP

The following table lists the versions of F5 BigIP that each version of HP Operations Orchestration software supports.

	BigIP Version			
OO	9.1.3			
7.20.x (including 7.20.01)	✓			
7.50.x (including 7.50.03)	✓			
7.51.x (including 7.51.04)	✓			
7.60.x (including 7.60.02)	✓			
9.0x (including Content Pack 12)	✓			

HP Integrations

HP Operations Orchestration supports the following HP products.

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HP Application Lifecycle Management (ALM)

The following table lists the versions of HP Application Lifecycle Management (ALM) that each version of HP Operations Orchestration software supports.

OO	Application Lifecycle Management			
	11.00	11.50	11.52	
7.20.x (including 7.20.01)				
7.50.x (including 7.50.03)				
7.51.x (including 7.51.04)				
7.60.x (including 7.60.02)				
9.x (including Content Pack 13)	✓	✓	✓	

HP ArcSight

The following table lists the versions of HP ArcSight that each version of HP Operations Orchestration software supports.

OO	ArcSight			
	6.0c			
7.2.01				
7.5 (including 7.50.03)				
7.51 (including 7.51.04)				
7.60 (including 7.60.02)				
9.0x (including Content Pack 13)	✓			

HP Client Automation

The following table lists the versions of HP Client Automation that each version of HP Operations Orchestration software supports.

Note: To install the latest HP Client Automation Content for Operations Orchestration, go to <https://hpln.hp.com/> > **Operations Orchestration** > **Associated Communities**>**Operations Orchestration Content for HP Client Automation** > **Content** (<https://hpln.hp.com/node/150/contentfiles>).

	Client Automation Version			
OO	5.1	5.11		
7.20.x (including 7.20.01)	✓	✓		
7.50.x (including 7.50.03)	✓	✓		
7.51.x (including 7.51.04)	✓	✓		
7.60.x (including 7.60.02)	✓	✓		
9.0x (including Content Pack 12)	✓	✓		

HP Cloud OS

The following table lists the versions of HP Cloud OS that each version of HP Operations Orchestration software supports.

	Cloud OS Version			
OO	1.01	1.1		
9.0x (including Content Pack 13)	✓	✓		

HP Continuous Delivery Automation (CDA)

The following table lists the versions of HP Continuous Delivery Automation (CDA) that each version of HP Operations Orchestration software supports.

	Continuous Delivery Automation (CDA) Version		
OO	1.10	1.20	1.30
7.20.x (including 7.20.01)			
7.50.x (including 7.50.03)			
7.51.x (including 7.51.04)			
7.60.x (including 7.60.02)			
9.0x (including Content Pack 13)	✓	✓	✓

HP Fortify

The following table lists the versions of HP Fortify that each version of HP Operations Orchestration software supports.

	HP Fortify			
OO	3.50	3.80		
7.2.01				
7.5 (including 7.50.03)				
7.51 (including 7.51.04)				
7.60 (including 7.60.02)				
9.0x (including Content Pack 13)	✓	✓		

HP HP/UX

The following table lists the versions of HP HP/UX that each version of HP Operations Orchestration software supports.

	HP/UX Version			
OO	B.11.31			
7.20.x (including 7.20.01)				
7.50.x (including 7.50.03)				
7.51.x (including 7.51.04)	✓			
7.60.x (including 7.60.02)	✓			
9.0x (including Content Pack 13)	✓			

HP Live Network Connector

The following table lists the versions of HP Live Network Connector that each version of HP Operations Orchestration software supports.

OO	Live Network Connector Version				
	1.3.2	2.1.4	3.0.1	3.35	3.40
7.20.x (including 7.20.01)					
7.50.x (including 7.50.03)	✓				
7.51.x (including 7.51.04)	✓	✓			
7.60.x (including 7.60.02)	✓	✓			
9.0x (including Content Pack 13)	✓	✓	✓	✓	✓

HP Load Runner

The following table lists the versions of HP Load Runner that each version of HP Operations Orchestration software supports.

OO	Load Runner Version					
	9.10	9.50	11.0	11.5	11.51	11.52
7.50.x (including 7.50.03)						
7.51.x (including 7.51.04)						
7.60.x (including 7.60.02)						
9.x (including Content Pack 13)	✓	✓	✓	✓	✓	✓

HP Network Automation

The following table lists the versions of HP Network Automation that each version of HP Operations Orchestration software supports.

OO	Network Automation (NA) Version						
	6.x	7.0	7.20	7.50	7.6	7.60.2	9.x (up to 9.20 and 9.22)
7.20.x (including 7.20.01)	✓	✓					
7.50.x (including 7.50.03)	✓	✓					
7.51.x (including 7.51.04)	✓	✓	✓	✓			
7.60.x (including 7.60.02)	✓	✓	✓	✓	✓		
9.0x (including Content Pack 13)	✓	✓	✓	✓	✓	✓	✓

HP Network Node Manager (NNMi)

The following table lists the versions of HP Network Node Manager that each version of HP Operations Orchestration software supports.

OO	Network Node Manager Version						
	7.5	8.0	8.10	9.0	9.1	9.11	9.23
7.20.x (including 7.20.01)	✓	✓					
7.50.x (including 7.50.03)	✓	✓					
7.51.x (including 7.51.04)	✓	✓					
7.60.x (including 7.60.02)	✓	✓					
9.0x (including Content Pack 13)	✓	✓	✓	✓	✓	✓	✓

HP NonStop

The following table lists the versions of HP NonStop that each version of HP Operations Orchestration software supports.

Note: To install the latest HP NonStop (for HP NonStop version 1.2) content, go to <https://hpln.hp.com/> > Operations Orchestration > **Associated Communities**>**Operations Orchestration Content for HP Integrity NonStop Computing > Content** (<https://hpln.hp.com/node/151/contentfiles>).

	NonStop Version			
OO	1.0			
7.20.x (including 7.20.01)				
7.50.x (including 7.50.03)				
7.51.x (including 7.51.04)	✓			
7.60.x (including 7.60.02)	✓			
9.0x (including Content Pack 12)	✓			

HP Onboard Administrator

The following table lists the versions of HP Onboard Administrator that each version of HP Operations Orchestration software supports.

	Onboard Administrator Version			
OO	3.31	3.71		
7.20.x (including 7.20.01)				
7.50.x (including 7.50.03)				
7.51.x (including 7.51.04)				
7.60.x (including 7.60.02)				
9.0x (including Content Pack 13)	✓	✓		

HP OneView

The following table lists the versions of HP OneView that each version of HP Operations Orchestration software supports.

	HP OneView Version			
OO	1.0			
9.0x (including Content Pack 13)	✓			

HP Operations Manager

The following table lists the versions of HP Operations Manager that each version of HP Operations Orchestration software supports.

Note: To enable Operations Manager integration, you need to install HP Operation Manager - Web Service Tool version 8.30 that is:

- Available for download for Windows HP Operations Manager 8.10 or later.
- Available for download for Unix HP Operations Manager 9.00 or later.

	Operations Manager for Unix Version			
OO	8.30	9.0	9.10	9.11
7.20.x (including 7.20.01)	✓			
7.50.x (including 7.50.03)	✓			
7.51.x (including 7.51.04)	✓			
7.60.x (including 7.60.02)	✓			
9.0x (including Content Pack 13)		✓	✓	✓

OO	Operations Manager for Windows Version	
	8.x	9.0
7.20.x (including 7.20.01)		
7.50.x (including 7.50.03)		
7.51.x (including 7.51.04)	✓	
7.60.x (including 7.60.02)	✓	
9.0x (including Content Pack 13)	✓	✓

HP Operations Manager i (included in BSM)

The following table lists the versions of HP Operations Manager i (BSM) that each version of HP Operations Orchestration software supports.

OO	Operations Manager i (BSM) Version							
	9.0	9.01	9.1	9.12	9.13	9.20	9.21	9.22
7.20.x (including 7.20.01)								
7.50.x (including 7.50.03)								
7.51.x (including 7.51.04)								
7.60.x (including 7.60.02)								
9.0x (including Content Pack 13)	✓	✓	✓	✓	✓	✓	✓	✓

HP Operations Orchestration

The following table lists the versions of HP Operations Orchestration that each version of HP Operations Orchestration software supports.

OO	Operations Orchestration Version				
	7.2	7.5	7.51	7.60	9.x
7.20.x (including 7.20.01)	✓				
7.50.x (including 7.50.03)	✓	✓			
7.51.x (including 7.51.04)	✓	✓	✓		

	Operations Orchestration Version				
OO	7.2	7.5	7.51	7.60	9.x
7.60.x (including 7.60.02)	✓	✓	✓	✓	
9.0x (including Content Pack 13)	✓	✓	✓	✓	✓

HP Peregrine Service Center

The following table lists the versions of HP Peregrine Service Center that each version of HP Operations Orchestration software supports.

	Peregrine Service Center Version			
OO	6			
7.20.x (including 7.20.01)	✓			
7.50.x (including 7.50.03)	✓			
7.51.x (including 7.51.04)	✓			
7.60.x (including 7.60.02)	✓			
9.0x (including Content Pack 12)	✓			

HP Project & Portfolio Manager

The following table lists the versions of HP Project & Portfolio Manager that each version of HP Project software supports.

	Project & Portfolio Manager Version			
OO	7.5.0	9.0x	9.1x (9.10 - 9.14)	9.21
7.20.x (including 7.20.01)	✓			
7.50.x (including 7.50.03)	✓			
7.51.x (including 7.51.04)	✓			
7.60.x (including 7.60.02)	✓			
9.0x (including Content Pack 13)	✓	✓	✓	✓

HP Proliant iLO

The following table lists the versions of HP Proliant iLO that each version of HP Operations Orchestration software supports.

OO	Proliant iLO Version			
	iLO (1.94 or later)	iLO2 (1.60 or later)	iLO 3 (1.26 or later)	iLO 4 (1.01 or later)
7.20.x (including 7.20.01)				
7.50.x (including 7.50.03)				
7.51.x (including 7.51.04)	✓			
7.60.x (including 7.60.02)	✓			
9.0x (including Content Pack 13)	✓	✓	✓	✓

HP Server Automation

The following table lists the versions of HP Server Automation that each version of HP Operations Orchestration software supports.

Note: To install the latest HP Server Automation (for HP Server Automation versions 9.0, 9.02, 9.06, 9.10, 9.11 and 10.00) Content, go to <https://hpln.hp.com/> > **Operations Orchestration > Associated Communities>Operations Orchestration Content for HP Server Automation> Content** (<https://hpln.hp.com/node/149/contentfiles>).

OO	6.6	7.0	7.5	7.8
7.20.x (including 7.20.01)		✓	✓	
7.50.x (including 7.50.03)	✓	✓	✓	✓
7.51.x (including 7.51.04)	✓	✓	✓	
7.60.x (including 7.60.02)	✓	✓	✓	
9.0x (including Content Pack 12)		✓	✓	

HP Server Automation Visualizer

The following table lists the versions of HP Server Automation Visualizer that each version of HP Operations Orchestration software supports.

OO	Server Automation Visualizer Version			
	7.x			
7.20.x (including 7.20.01)				
7.50.x (including 7.50.03)	✓			
7.51.x (including 7.51.04)	✓			
7.60.x (including 7.60.02)	✓			
9.0x (including Content Pack 12)	✓			

HP Service Desk

The following table lists the versions of HP Service Desk that each version of HP Operations Orchestration software supports.

OO	Service Desk Version			
	4.5	5.0		
7.20.x (including 7.20.01)	✓	✓		
7.50.x (including 7.50.03)	✓	✓		
7.51.x (including 7.51.04)	✓	✓		
7.60.x (including 7.60.02)	✓	✓		
9.0x (including Content Pack 12)	✓	✓		

HP Service Manager

The following table lists the versions of HP Service Manager that each version of HP Operations Orchestration software supports.

Note: To install the latest HP Service Manager (for HP Service Manager versions 9.2 and 9.3) Content, go to <https://hpln.hp.com/> > Operations Orchestration > **Associated Communities** > **Operations Orchestration Content for HP Service Manager** > **Content** (<https://hpln.hp.com/node/88/contentfiles>).

OO	Service Manager Version				
	7.00	7.01	7.10	7.11	
7.20.x (including 7.20.01)	✓				
7.50.x (including 7.50.03)	✓	✓			
7.51.x (including 7.51.04)	✓	✓	✓		
7.60.x (including 7.60.02)	✓	✓	✓	✓	
9.0x (including Content Pack 12)	✓	✓	✓	✓	

HP SiteScope

The following table lists the versions of HP SiteScope that each version of HP Operations Orchestration software supports.

OO	SiteScope Version												
	7	9.0	9.5	10.10	10.11	11.0	11.01	11.10	11.11	11.13	11.20	11.21	11.22
7.60.x (including 7.60.02)				✓									
9.0x (including Content Pack 13)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

HP Storage Essentials

The following table lists the versions of HP Storage Essentials that each version of HP Operations Orchestration software supports.

Note: To install the latest HP Storage Essentials (for HP Storage Essentials versions 6.3, 9.4, 9.5 and 9.6) Content, go to <https://hpln.hp.com/> > **Operations Orchestration > Associated Communities>Operations Orchestration Content for HP Storage Essentials > Content** (<https://hpln.hp.com/node/152/contentfiles>).

OO	Storage Essentials Version		
	5.x	6.x	7.x
7.20.x (including 7.20.01)	✓	✓	

	Storage Essentials Version			
OO	5.x	6.x	7.x	
7.50.x (including 7.50.03)	✓	✓		
7.51.x (including 7.51.04)	✓	✓	✓	
7.60.x (including 7.60.02)	✓	✓	✓	
9.0x (including Content Pack 12)	✓	✓	✓	

HP Universal CMDB

The following table lists the versions of HP Universal CMDB that each version of HP Operations Orchestration software supports.

OO	Universal CMDB Version									
	7.0	8.0	9.0 1	9.0 2	9.0 3	9.0 4	9.0 5	10.0 0	10.0 1	10.1 0
7.20.x (including 7.20.01)										
7.50.x (including 7.50.03)										
7.51.x (including 7.51.04)	✓	✓								
7.60.x (including 7.60.02)	✓	✓								
9.0x (including Content Pack 13)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

HP Virtual Connect Enterprise Manager

The following table lists the versions of HP Virtual Connect Enterprise Manager that each version of HP Operations Orchestration software supports.

OO	Virtual Connect Enterprise Manager Version			
	6.3	7.x		
7.20.x (including 7.20.01)				
7.50.x (including 7.50.03)				
7.51.x (including 7.51.04)				
7.60.x (including 7.60.02)				
9.0x (including Content Pack 13)	✓	✓		

IBM Integrations

HP Operations Orchestration supports the following IBM products.

IBM AIX	32
IBM Netcool Omnibus	32
IBM Tivoli Enterprise Console	33
IBM WebSphere	33

IBM AIX

The following table lists the versions of IBM AIX that each version of HP Operations Orchestration software supports.

	AIX Version			
OO	5.3			
7.20.x (including 7.20.01)				
7.50.x (including 7.50.03)				
7.51.x (including 7.51.04)				
7.60.x (including 7.60.02)	✓			
9.0x (including Content Pack 13)	✓			

IBM Netcool Omnibus

The following table lists the versions of IBM Netcool Omnibus that each version of HP Operations Orchestration software supports.

	Netcool Omnibus Version			
OO	7.x			
7.20.x (including 7.20.01)	✓			
7.50.x (including 7.50.03)	✓			
7.51.x (including 7.51.04)	✓			
7.60.x (including 7.60.02)	✓			
9.0x (including Content Pack 12)	✓			

IBM Tivoli Enterprise Console

The following table lists the versions of IBM Tivoli Enterprise Console that each version of HP Operations Orchestration software supports.

OO	Tivoli Enterprise Console Version			
	5.x			
7.20.x (including 7.20.01)	✓			
7.50.x (including 7.50.03)	✓			
7.51.x (including 7.51.04)	✓			
7.60.x (including 7.60.02)	✓			
9.0x (including Content Pack 12)	✓			

IBM WebSphere

The following table lists the versions of IBM WebSphere that each version of HP Operations Orchestration software supports.

OO	WebSphere Version			
	6.1			
7.20.x (including 7.20.01)	✓			
7.50.x (including 7.50.03)	✓			
7.51.x (including 7.51.04)	✓			
7.60.x (including 7.60.02)	✓			
9.0x (including Content Pack 13)	✓			

Linux Integrations

HP Operations Orchestration supports the following Linux products.

Linux KVM	34
Linux OpenSUSE	34
Linux Red Hat	35
Linux SUSE	35

Linux KVM

The following table lists the versions of Linux KVM that each version of HP Operations Orchestration software supports.

OO	KVM Version			
	libvirt 0.8.7 and QEMU 0.12.1	libvirt 0.9.4 and QEMU 0.14.0		
7.20.x (including 7.20.01)				
7.50.x (including 7.50.03)				
7.51.x (including 7.51.04)				
7.60.x (including 7.60.02)				
9.0x (including Content Pack 13)	✓	✓		

Linux OpenSUSE

The following table lists the versions of Linux OpenSUSE that each version of HP Operations Orchestration software supports.

OO	OpenSUSE Version			
	10	10.1	11.0	
7.20.x (including 7.20.01)	✓	✓		
7.50.x (including 7.50.03)	✓	✓		
7.51.x (including 7.51.04)	✓	✓		
7.60.x (including 7.60.02)	✓	✓		
9.0x (including Content Pack 13)	✓	✓	✓	

Linux Red Hat

The following table lists the versions of Linux Red Hat that each version of HP Operations Orchestration software supports.

OO	Red Hat Version				
	ES 3	AS 3	ES 4	AS 4	ES 5
7.20.x (including 7.20.01)					
7.50.x (including 7.50.03)					
7.51.x (including 7.51.04)					
7.60.x (including 7.60.02)					
9.0x (including Content Pack 13)	✓	✓	✓	✓	✓

Linux SUSE

The following table lists the versions of Linux SUSE that each version of HP Operations Orchestration software supports.

OO	SUSE Version			
	openSUSE 10.0	SUSE Enterprise Server 10 SP1	openSUSE 11.0	
7.20.x (including 7.20.01)	✓	✓		
7.50.x (including 7.50.03)	✓	✓		
7.51.x (including 7.51.04)	✓	✓		
7.60.x (including 7.60.02)	✓	✓		
9.0x (including Content Pack 13)	✓	✓	✓	

Microsoft Integrations

HP Operations Orchestration supports integrations with the following Microsoft products.

Microsoft Active Directory	37
Microsoft Cluster	37
Microsoft Excel	38
Microsoft Exchange	38
Microsoft Hyper-V	39
Microsoft Internet Information Server (IIS)	39
Microsoft Opalis Integration Server	39
Microsoft Operations Manager (MOM)	40
Microsoft PowerShell	40
Microsoft System Center Configuration Manager	41
Microsoft System Center Operations Manager	41
Microsoft System Center Orchestrator	41
Microsoft System Center Virtual Machine Manager	42
Microsoft SQL Server	42
Microsoft Windows	43
Microsoft WMI	43

Microsoft Active Directory

The following table lists the versions of Microsoft Active Directory that each version of HP Operations Orchestration software supports.

OO	2000	2003	2008	2008R2
7.20.x (including 7.20.01)		✓	✓	
7.50.x (including 7.50.03)		✓	✓	
7.51.x (including 7.51.04)		✓	✓	
7.60.x (including 7.60.02)		✓	✓	
9.0x (including Content Pack 12)		✓	✓	✓

Microsoft Cluster

The following table lists the versions of Microsoft Cluster that each version of HP Operations Orchestration software supports.

OO	2000	2003	2008 R2	
7.20.x (including 7.20.01)	✓	✓		
7.50.x (including 7.50.03)	✓	✓		
7.51.x (including 7.51.04)	✓	✓		
7.60.x (including 7.60.02)	✓	✓		
9.0x (including Content Pack 12)		✓	✓	

Microsoft Excel

The following table lists the versions of Microsoft Excel that each version of HP Operations Orchestration software supports.

OO	Excel Version				
	1997	2000	2003	2007	2010
7.20.x (including 7.20.01)					
7.50.x (including 7.50.03)					
7.51.x (including 7.51.04)					
7.60.x (including 7.60.02)					
9.0x (including Content Pack 12)	✓	✓	✓	✓	✓

Microsoft Exchange

The following table lists the versions of Microsoft Exchange that each version of HP Operations Orchestration software supports.

OO	2000	2003	2007	2007 EWS	2010 EWS
7.20.x (including 7.20.01)	✓	✓			
7.50.x (including 7.50.03)	✓	✓	✓		
7.51.x (including 7.51.04)	✓	✓	✓		
7.60.x (including 7.60.02)	✓	✓	✓		
9.0x (including Content Pack 13)		✓	✓	✓	✓

Microsoft Hyper-V

The following table lists the versions of Microsoft Hyper-V that each version of HP Operations Orchestration software supports.

OO	Hyper-V Version			
	2008	2008 R2		
7.20.x (including 7.20.01)	✓			
7.50.x (including 7.50.03)	✓			
7.51.x (including 7.51.04)	✓			
7.60.x (including 7.60.02)	✓			
9.0x (including Content Pack 13)	✓	✓		

Microsoft Internet Information Server (IIS)

The following table lists the versions of Microsoft IIS that each version of HP Operations Orchestration software supports.

OO	IIS Version		
	6.0	7.0	
7.20.x (including 7.20.01)			
7.50.x (including 7.50.03)	✓	✓	
7.51.x (including 7.51.04)	✓	✓	
7.60.x (including 7.60.02)	✓	✓	
9.0x (including Content Pack 13)	✓	✓	

Microsoft Opalis Integration Server

The following table lists the versions of Microsoft Opalis Integration Server that each version of HP Operations Orchestration software supports.

OO	Opalis Integration Server Version			
	6.2.2			
7.20.x (including 7.20.01)				

	Opalis Integration Server Version			
OO	6.2.2			
7.50.x (including 7.50.03)				
7.51.x (including 7.51.04)				
7.60.x (including 7.60.02)				
9.0x (including Content Pack 13)	✓			

Microsoft Operations Manager (MOM)

The following table lists the versions of Microsoft Operations Manager that each version of HP Operations Orchestration software supports.

OO	2000	2000 SP1	
7.20.x (including 7.20.01)	✓		
7.50.x (including 7.50.03)	✓	✓	
7.51.x (including 7.51.04)	✓	✓	
7.60.x (including 7.60.02)	✓	✓	
9.0x (including Content Pack 12)		✓	

Microsoft PowerShell

The following table lists the versions of Microsoft PowerShell that each version of HP Operations Orchestration software supports.

	PowerShell Version			
OO	1.0	2.0	3.0	
7.20.x (including 7.20.01)				
7.50.x (including 7.50.03)	✓			
7.51.x (including 7.51.04)	✓			
7.60.x (including 7.60.02)	✓			
9.0x (including Content Pack 12)	✓	✓	✓	

Microsoft System Center Configuration Manager

The following table lists the versions of Microsoft System Center Configuration Manager that each version of HP Operations Orchestration software supports.

OO	System Center Configuration Manager Version			
	2003	2007	2012	
7.20.x (including 7.20.01)				
7.50.x (including 7.50.03)				
7.51.x (including 7.51.04)				
7.60.x (including 7.60.02)				
9.0x (including Content Pack 13)	✓	✓	✓	

Microsoft System Center Operations Manager

The following table lists the versions of Microsoft System Center Operations Manager (SCOM) that each version of HP Operations Orchestration software supports.

OO	System Center Operations Manager Version			
	2007	2012		
7.20.x (including 7.20.01)	✓			
7.50.x (including 7.50.03)	✓			
7.51.x (including 7.51.04)	✓			
7.60.x (including 7.60.02)	✓			
9.0x (including Content Pack 13)	✓	✓		

Microsoft System Center Orchestrator

The following table lists the versions of Microsoft System Center Orchestrator (SCOrch) that each version of HP Operations Orchestration software supports.

OO	System Center Orchestrator Version			
	2012			
7.20.x (including 7.20.01)				

OO	System Center Orchestrator Version			
	2012			
7.50.x (including 7.50.03)				
7.51.x (including 7.51.04)				
7.60.x (including 7.60.02)				
9.0x (including Content Pack 13)	✓			

Microsoft System Center Virtual Machine Manager

The following table lists the versions of Microsoft System Center Virtual Machine Manager (SCVMM) that each version of HP Operations Orchestration software supports.

OO	System Center Virtual Machine Manager Version			
	2008 R2	2012		
7.20.x (including 7.20.01)				
7.50.x (including 7.50.03)				
7.51.x (including 7.51.04)				
7.60.x (including 7.60.02)				
9.0x (including Content Pack 13)	✓	✓		

Microsoft SQL Server

The following table lists the versions of Microsoft SQL Server that each version of HP Operations Orchestration software supports.

OO	SQL Server Version				
	2000	2005	2008	2008 R2	2012
7.20.x (including 7.20.01)	✓	✓	✓		
7.50.x (including 7.50.03)	✓	✓	✓		
7.51.x (including 7.51.04)	✓	✓	✓		
7.60.x (including 7.60.02)	✓	✓	✓		
9.0x (including Content Pack 13)	✓	✓	✓	✓	✓

Microsoft Windows

The following table lists the versions of Microsoft Windows that each version of HP Operations Orchestration software supports.

OO	2000	2003	XP	2008	2012
7.2.01	✓	✓	✓	✓	
7.5 (including 7.50.03)	✓	✓	✓	✓	
7.51 (including 7.51.04)	✓	✓	✓	✓	
7.60 (including 7.60.02)	✓	✓	✓	✓	
9.00 (including Content Pack 13)		✓	✓	✓	✓

Microsoft WMI

The following table lists the versions of Microsoft WMI that each version of HP Operations Orchestration software supports.

	WMI Version			
OO	1.x			
7.20.x (including 7.20.01)	✓			
7.50.x (including 7.50.03)	✓			
7.51.x (including 7.51.04)	✓			
7.60.x (including 7.60.02)	✓			
9.0x (including Content Pack 12)	✓			

OpenStack

The following table lists the versions of OpenStack that each version of HP Operations Orchestration software supports.

OO	OpenStack Version			
	Diablo 2011.3	Essex 2012.1	Grizzly 2013.1	Havana 2013.2
7.20.x (including 7.20.01)				
7.50.x (including 7.50.03)				
7.51.x (including 7.51.04)				
7.60.x (including 7.60.02)				
9.0x (including Content Pack 13)	✓	✓	✓	✓

Oracle Integrations

HP Operations Orchestration supports the following Oracle products.

Oracle Enterprise Database	45
Oracle WebLogic	45
Solaris	46

Oracle Enterprise Database

The following table lists the versions of Oracle Enterprise Database that each version of HP Operations Orchestration software supports.

OO	9i	10g	11g
7.20.x (including 7.20.01)	✓	✓	
7.50.x (including 7.50.03)	✓	✓	✓
7.51.x (including 7.51.04)	✓	✓	✓
7.60.x (including 7.60.02)	✓	✓	✓
9.0x (including Content Pack 13)	✓	✓	✓

Oracle WebLogic

The following table lists the versions of Oracle WebLogic that each version of HP Operations Orchestration software supports.

OO	WebLogic Version			
	9.2	10.3		
7.20.x (including 7.20.01)	✓			
7.50.x (including 7.50.03)	✓			
7.51.x (including 7.51.04)	✓	✓		
7.60.x (including 7.60.02)	✓	✓		
9.0x (including Content Pack 13)	✓	✓		

Solaris

The following table lists the versions of Solaris that each version of HP Operations Orchestration software supports.

	Solaris Version			
OO	10			
7.20.x (including 7.20.01)	✓			
7.50.x (including 7.50.03)	✓			
7.51.x (including 7.51.04)	✓			
7.60.x (including 7.60.02)	✓			
9.0x (including Content Pack 13)	✓			

SAP Integration

Note: SAP Integration is available via HP Operations Orchestration SAP Process Automation Pack v1.0. This is a Premium content pack that should be installed on top of Operations Orchestration Content Pack 9.

For more information, go to: <http://www8.hp.com/us/en/software/enterprise-software.html> and http://support.openview.hp.com/software_updates.jsp.

The following table lists the versions of SAP that each version of HP Operations Orchestration software supports.

OO	SAP Version			
	ECC 6.0			
7.20.x (including 7.20.01)				
7.50.x (including 7.50.03)				
7.51.x (including 7.51.04)				
7.60.x (including 7.60.02)				
9.0x (including Content Pack 12)	✓			

Sybase Integrations

HP Operations Orchestration supports the following Sybase product.

Sybase ASE 48

Sybase ASE

The following table lists the versions of Sybase ASE that each version of HP Operations Orchestration software supports.

OO	Sybase ASE Version			
	10	11	12	15
7.20.x (including 7.20.01)	✓	✓	✓	✓
7.50.x (including 7.50.03)	✓	✓	✓	✓
7.51.x (including 7.51.04)	✓	✓	✓	✓
7.60.x (including 7.60.02)	✓	✓	✓	✓
9.0x (including Content Pack 13)	✓	✓	✓	✓

Symantec Integrations

HP Operations Orchestration supports the following Symantec products.

Symantec Altiris	49
Symantec Backup Exec	49

Symantec Altiris

The following table lists the versions of Symantec Altiris that each version of HP Operations Orchestration software supports.

OO	Altiris Version			
	6.8			
7.20.x (including 7.20.01)	✓			
7.50.x (including 7.50.03)	✓			
7.51.x (including 7.51.04)	✓			
7.60.x (including 7.60.02)	✓			
9.0x (including Content Pack 12)	✓			

Symantec Backup Exec

The following table lists the versions of Symantec Backup Exec that each version of HP Operations Orchestration software supports.

OO	Symantec Backup Exec Version			
	10d	12		
7.20.x (including 7.20.01)	✓			
7.50.x (including 7.50.03)	✓	✓		
7.51.x (including 7.51.04)	✓	✓		
7.60.x (including 7.60.02)	✓	✓		
9.0x (including Content Pack 12)	✓	✓		

VMware Integrations

HP Operations Orchestration supports the following VMware products.

VMware ESX	50
VMware vCenter Orchestrator (vCO)	50
VMware vCloud	51
VMware ESXi	51
VMware Server	52
VMware Virtual Center	52
VMware vSphere	53

VMware ESX

The following table lists the versions of VMware ESX that each version of HP Operations Orchestration software supports.

OO	ESX Version				
	2.5	3.0	3.5	4.0	4.1
7.20.x (including 7.20.01)					
7.50.x (including 7.50.03)	✓	✓	✓		
7.51.x (including 7.51.04)	✓	✓	✓		
7.60.x (including 7.60.02)	✓	✓	✓		
9.0x (including Content Pack 13)	✓	✓	✓	✓	✓

VMware vCenter Orchestrator (vCO)

The following table lists the versions of VMware vCenter Orchestrator (vCO) that each version of HP Operations Orchestration software supports.

OO	vCO Version			
	4.0			
7.20.x (including 7.20.01)				

	vCO Version			
OO	4.0			
7.50.x (including 7.50.03)				
7.51.x (including 7.51.04)				
7.60.x (including 7.60.02)				
9.0x (including Content Pack 13)	✓			

VMware vCloud

The following table lists the versions of VMware vCloud that each version of HP Operations Orchestration software supports.

	vCloud Version			
OO	1.0	1.5	5.1	5.11
7.20.x (including 7.20.01)				
7.50.x (including 7.50.03)				
7.51.x (including 7.51.04)				
7.60.x (including 7.60.02)				
9.0x (including Content Pack 13)	✓	✓	✓	✓

VMware ESXi

The following table lists the versions of VMware ESXi that each version of HP Operations Orchestration software supports.

	ESX Version					
OO	3.5	4.0	4.1	5.0	5.1	5.5
7.20.x (including 7.20.01)						
7.50.x (including 7.50.03)						
7.51.x (including 7.51.04)						

OO	ESX Version					
	3.5	4.0	4.1	5.0	5.1	5.5
7.60.x (including 7.60.02)						
9.0x (including Content Pack 13)	✓	✓	✓	✓	✓	✓

VMware Server

The following table lists the versions of VMware Server that each version of HP Operations Orchestration software supports.

OO	Server Version			
	1.x			
7.20.x (including 7.20.01)	✓			
7.50.x (including 7.50.03)	✓			
7.51.x (including 7.51.04)	✓			
7.60.x (including 7.60.02)	✓			
9.0x (including Content Pack 12)	✓			

VMware Virtual Center

The following table lists the versions of VMware Virtual Center (vCenter) that each version of HP Operations Orchestration software supports.

OO	Virtual Center (vCenter) Version				
	4.0	4.1	5.0	5.1	5.5
7.20.x (including 7.20.01)					
7.50.x (including 7.50.03)					
7.51.x (including 7.51.04)					
7.60.x (including 7.60.02)					
9.0x (including Content Pack 13)	✓	✓	✓	✓	✓

VMware vSphere

The following table lists the versions of VMware vSphere that each version of HP Operations Orchestration software supports.

OO	vSphere Version					
	4.0	4.1	5.0	5.0 U1	5.1	5.5
7.20.x (including 7.20.01)						
7.50.x (including 7.50.03)						
7.51.x (including 7.51.04)	✓					
7.60.x (including 7.60.02)	✓					
9.0x (including Content Pack 13)	✓	✓	✓	✓	✓	✓

Other Integrations

HP Operations Orchestration supports the following other products.

FreeBSD	54
JBoss	54
SNMP	55
TN3270	55
WS-Management	56

FreeBSD

The following table lists the versions of FreeBSD that each version of HP Operations Orchestration software supports.

OO	FreeBSD Version		
	7.0		
7.20.x (including 7.20.01)			
7.50.x (including 7.50.03)	✓		
7.51.x (including 7.51.04)	✓		
7.60.x (including 7.60.02)	✓		
9.0x (including Content Pack 13)	✓		

JBoss

The following table lists the versions of JBoss that each version of HP Operations Orchestration software supports.

OO	JBoss Version		
	4.0.4	5.0.0	
7.20.x (including 7.20.01)	✓		
7.50.x (including 7.50.03)	✓		
7.51.x (including 7.51.04)	✓		
7.60.x (including 7.60.02)	✓		
9.0x (including Content Pack 12)	✓	✓	

SNMP

The following table lists the versions of SNMP that each version of HP Operations Orchestration software supports.

OO	SNMP Version			
	1	2	3	
7.20.x (including 7.20.01)	✓	✓		
7.50.x (including 7.50.03)	✓	✓		
7.51.x (including 7.51.04)	✓	✓		
7.60.x (including 7.60.02)	✓	✓		
9.0x (including Content Pack 12)	✓	✓	✓	

TN3270

The following table lists the versions of TN3270 that each version of HP Operations Orchestration software supports.

OO	TN3270 Version			
	3.3+			
7.20.x (including 7.20.01)				
7.50.x (including 7.50.03)				
7.51.x (including 7.51.04)				
7.60.x (including 7.60.02)				
9.0x (including Content Pack 12)	✓			

WS-Management

The following table lists the versions of WS-Management that each version of HP Operations Orchestration software supports.

	WS-Management Version			
OO	1.0.0			
7.20.x (including 7.20.01)				
7.50.x (including 7.50.03)				
7.51.x (including 7.51.04)				
7.60.x (including 7.60.02)				
9.0x (including Content Pack 12)	✓			

