

HP Operations Orchestration

For Windows and Linux operating systems

Software Version: 7.20.01 and later (including CP11)

Integrations Matrix

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Chapter 1

Introduction

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

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

Chapter 2

Amazon Integrations

HP Operations Orchestration supports the following Amazon products.

Amazon Elastic Cloud Compute (EC2)	10
Amazon Identity and Access Management (IAM)	10
Amazon Elastic Load Balancing (ELB)	11
Amazon Security Token Service (STS)	11
Amazon Simple Storage Service (S3)	12
Amazon Virtual Private Cloud (VPC)	12

Amazon Elastic Cloud Compute (EC2)

The following table lists the versions of Elastic Cloud Compute which 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 11)	✓	✓		

Amazon Identity and Access Management (IAM)

The following table lists the versions of Amazon Identity and Access Management (IAM) which 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 11)	✓			

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 2011-11-25			
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 11)	✓			

Amazon Security Token Service (STS)

The following table lists the versions of Security Token Service (STS) which 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 11)	✓			

Amazon Simple Storage Service (S3)

The following table lists the versions of Amazon Simple Storage Device (S3) which 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 11)	✓			

Amazon Virtual Private Cloud (VPC)

The following table lists the versions of Amazon Virtual Private Cloud (VPC) which 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)				

Virtual Private Cloud Version				
OO	EC2 Query API Version 2011-12- 15			
7.51.x (including 7.51.04)				
7.60.x (including 7.60.02)				
9.0x (including Content Pack 11)	✓			

Chapter 3

Apache Integrations

HP Operations Orchestration supports the following Apache product.

Apache Tomcat 14

Apache Tomcat

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

OO	Tomcat Version			
	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 11)	✓			

Chapter 4

BMC Index

HP Operations Orchestration supports the following BMC products.

BMC Atrium CMDB	15
BMC Patrol	15
BMC Remedy	16

BMC Atrium CMDB

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

OO	Atrium CMDB Version			
	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 11)	✓			

BMC Patrol

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

OO	Patrol Version			
	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 11)	✓			

BMC Remedy

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

OO	Remedy Version			
	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 11)	✓	✓		

Chapter 5

Cisco Integrations

HP Operations Orchestration supports the following Cisco product.

Cisco IOS 17

Cisco IOS

The following table lists the versions of Cisco IOS which 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 11)	✓	✓		

Chapter 6

Citrix Integrations

HP Operations Orchestration supports the following Citrix products.

Citrix Presentation Server	18
Citrix Xen Server	18
Citrix XenApp	19

Citrix Presentation Server

The following table lists the versions of Citrix Presentation Server which 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 11)		✓	

Citrix Xen Server

The following table lists the versions of Citrix Xen Server which 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 11)	✓	✓		

Citrix XenApp

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

OO	XenApp Version			
	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 11)	✓			

Chapter 7

Computer Associates Integrations

HP Operations Orchestration supports the following Computer Associates products.

Computer Associates Unicenter Network & Systems Manager	20
Computer Associates Unicenter Service Desk	20

Computer Associates Unicenter Network & Systems Manager

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

Unicenter Network & Systems Manager Version				
OO	11.2			
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 11)	✓			

Computer Associates Unicenter Service Desk

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

Unicenter Network & Systems Manager Version				
OO	11.2			
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 11)	✓			

Chapter 8

F5 Integrations

HP Operations Orchestration supports the following F5 product.

F5 BigIP21

F5 BigIP

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

OO	BigIP Version			
	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 11)	✓			

Chapter 9

HP Integrations

HP Operations Orchestration supports the following HP products.

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HP Server Automation	30
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HP Service Desk	31
HP Service Manager	31
HP SiteScope	32
HP Storage Essentials	32
HP Universal CMDB	33
HP Virtual Connect Enterprise Manager	33

HP Application Lifecycle Management (ALM)

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

Application Lifecycle Management				
OO	11.00			
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 11)	✓			

HP ArcSight

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

ArcSight				
OO	6.0c			
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 11)	✓			

HP Client Automation

The following table lists the versions of HP Client Automation which 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>).

OO	Client Automation Version			
	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 11)	✓	✓		

HP Continuous Delivery Automation (CDA)

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

OO	1.00.1			
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 11)	✓			

HP Fortify

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

OO	ArcSight			
	3.50			
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 11)	✓			

HP HP/UX

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

OO	HP/UX Version			
	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 11)	✓			

HP Live Network

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

OO	Live Network Version				
	1.3.2	2.1.4	3.0.1		
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 11)	✓	✓	✓		

HP Load Runner

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

OO	Load Runner Version			
	9.10			
7.20.x (including 7.20.01)	✓			
7.50.x (including 7.50.03)	✓			

OO	Load Runner Version			
	9.10			
7.51.x (including 7.51.04)	✓			
7.60.x (including 7.60.02)	✓			
9.0x (including Content Pack 11)	✓			

HP Network Automation

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

OO	Network Automation Version								
	6.x	7.0	7.20	7.50	7.6	7.60.2	9.0	9.1	9.2
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 11)	✓	✓	✓	✓	✓	✓	✓	✓	✓

HP Network Node Manager

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

OO	Network Node Manager Version				
	7.5	8.0	8.10+	9.0	9.1
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 11)			✓	✓	✓

HP NonStop

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

Note: To install HP Service Manager documentation, 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 11)	✓			

HP Onboard Administrator

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

Onboard Administrator Version				
OO	3.31			
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 11)	✓			

HP Operations Manager

The following table lists the versions of HP Operations Manager which 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 Web Service Tool Version				
OO	8.30			
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 11)	✓			

HP Operations Manager i (included in BSM)

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

Operations Manager i (BSM) Version							
OO	9.0	9.01	9.1	9.12	9.13	9.20	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 11)	✓	✓	✓	✓	✓	✓	✓

HP Operations Orchestration

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

OO	7.2	7.5	7.51	7.60	9.0	9.01	9.02	9.03	9.04	9.05
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 11)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

HP Peregrine Service Center

The following table lists the versions of HP Peregrine Service Center which 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 11)	✓

HP Project & Portfolio Manager

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

Project & Portfolio Manager 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)	✓

Project & Portfolio Manager Version				
OO	7.5.0			
7.60.x (including 7.60.02)	✓			
9.0x (including Content Pack 11)	✓			

HP Proliant iLO

The following table lists the versions of HP Proliant iLO which 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 11)	✓	✓	✓	✓

HP Server Automation

The following table lists the versions of HP Server Automation which 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, and 9.11) 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 11)		✓	✓	

HP Server Automation Visualizer

The following table lists the versions of HP Server Automation Visualizer which 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 11)	✓			

HP Service Desk

The following table lists the versions of HP Service Desk which 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 11)	✓	✓			

HP Service Manager

The following table lists the versions of HP Service Manager which 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 11)	✓	✓	✓	✓	

HP SiteScope

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

OO	SiteScope Version									
	7.x	9.x	9.5	10.11	11.0	11.01	11.10	11.11	11.13	11.20
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 11)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

HP Storage Essentials

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

Note: To install the latest HP Storage Essentials (for HP Storage Essentials versions 6.3 and 9.4) 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)	✓	✓	
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 11)	✓	✓	✓

HP Universal CMDB

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

OO	Universal CMDB Version						
	7.0	8.0	9.01	9.02	9.03	9.04	9.05
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 11)	✓	✓	✓	✓	✓	✓	✓

HP Virtual Connect Enterprise Manager

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

OO	Virtual Connect Enterprise Manager Version			
	6.3			
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 11)	✓			

Chapter 10

IBM Integrations

HP Operations Orchestration supports the following IBM products.

IBM AIX	34
IBM Netcool Omnibus	34
IBM Tivoli Enterprise Console	35
IBM WebSphere	35

IBM AIX

The following table lists the versions of IBM AIX which 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 11)	✓			

IBM Netcool Omnibus

The following table lists the versions of IBM Netcool Omnibus which 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 11)	✓			

IBM Tivoli Enterprise Console

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

Tivoli Enterprise Console Version				
OO	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 11)	✓			

IBM WebSphere

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

WebSphere Version				
OO	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 11)	✓			

Chapter 11

Linux Integrations

HP Operations Orchestration supports the following Linux products.

Linux KVM	36
Linux OpenSUSE	36
Linux Red Hat	37
Linux SUSE	37

Linux KVM

The following table lists the versions of Linux KVM which 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 11)	✓	✓		

Linux OpenSUSE

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

OO	OpenSUSE Version			
	10	10.1		
7.20.x (including 7.20.01)	✓	✓		
7.50.x (including 7.50.03)	✓	✓		

OO	OpenSUSE Version			
	10	10.1		
7.51.x (including 7.51.04)	✓	✓		
7.60.x (including 7.60.02)	✓	✓		
9.0x (including Content Pack 11)	✓	✓		

Linux Red Hat

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

OO	Red Hat Version					
	ES 3	AS 3	ES 4	AS 4	ES 5	RHEL 6.2
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 11)	✓	✓	✓	✓	✓	✓

Linux SUSE

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

OO	SUSE Version			
	10	10.1		
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 11)	✓	✓		

Chapter 12

Microsoft Integrations

HP Operations Orchestration supports integrations with the following Microsoft products.

Microsoft Active Directory	38
Microsoft Cluster	39
Microsoft Excel	39
Microsoft Exchange	39
Microsoft Hyper-V	40
Microsoft Internet Information Server (IIS)	40
Microsoft Opalis Integration Server	41
Microsoft Operations Manager (MOM)	41
Microsoft PowerShell	41
Microsoft System Center Configuration Manager	42
Microsoft System Center Operations Manager	42
Microsoft System Center Orchestrator	43
Microsoft System Center Virtual Machine Manager	43
Microsoft SQL Server	43
Microsoft Windows	44
Microsoft WMI	44

Microsoft Active Directory

The following table lists the versions of Microsoft Active Directory which 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)		✓	✓	

OO	2000	2003	2008	2008R2
7.60.x (including 7.60.02)		✓	✓	
9.0x (including Content Pack 11)		✓	✓	✓

Microsoft Cluster

The following table lists the versions of Microsoft Cluster which 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 11)		✓	✓	

Microsoft Excel

The following table lists the versions of Microsoft Excel which 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 11)	✓	✓	✓	✓	✓

Microsoft Exchange

The following table lists the versions of Microsoft Exchange which 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 11)		✓	✓	✓	✓

Microsoft Hyper-V

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

OO	Hyper-V Version			
	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 11)	✓	✓		

Microsoft Internet Information Server (IIS)

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

OO	IIS Version			
	6	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 11)		✓	✓	

Microsoft Opalis Integration Server

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

OO	Opalis Integration Server Version			
	6.2.2			
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 11)	✓			

Microsoft Operations Manager (MOM)

The following table lists the versions of Microsoft Operations Manager which 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 11)		✓	

Microsoft PowerShell

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

OO	PowerShell Version		
	1.0	2.0	3.0
7.20.x (including 7.20.01)			
7.50.x (including 7.50.03)	✓		

OO	PowerShell Version		
	1.0	2.0	3.0
7.51.x (including 7.51.04)	✓		
7.60.x (including 7.60.02)	✓		
9.0x (including Content Pack 11)	✓	✓	✓

Microsoft System Center Configuration Manager

The following table lists the versions of Microsoft System Center Configuration Manager which 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 11)	✓	✓	✓

Microsoft System Center Operations Manager

The following table lists the versions of Microsoft System Center Operations Manager which 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 11)	✓	✓

Microsoft System Center Orchestrator

The following table lists the versions of Microsoft System Center Orchestrator which each version of HP Operations Orchestration software supports.

System Center Orchestrator Version				
OO	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 11)	✓			

Microsoft System Center Virtual Machine Manager

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

System Center Virtual Machine Manager Version				
OO	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 11)	✓	✓		

Microsoft SQL Server

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

SQL Server Version					
OO	2000	2005	2008	2008 R2	2012
7.20.x (including 7.20.01)	✓	✓	✓		

OO	SQL Server Version				
	2000	2005	2008	2008 R2	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 11)	✓	✓	✓	✓	✓

Microsoft Windows

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

OO	Microsoft Windows Version					
	2000	2003	XP	2008	2008 R2	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 11)		✓	✓	✓	✓	✓

Microsoft WMI

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

OO	WMI 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 11)	✓				

Chapter 13

OpenStack

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

OO	OpenStack Version			
	Diablo 2011.3	Essex 2012.1		
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 11)	✓	✓		

Chapter 14

Oracle Integrations

HP Operations Orchestration supports the following Oracle products.

Oracle Enterprise Database	46
Oracle WebLogic	46
Solaris	47

Oracle Enterprise Database

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

OO	9e	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 11)		✓	✓

Oracle WebLogic

The following table lists the versions of Oracle WebLogic which 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 11)	✓	✓	

Solaris

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

OO	Solaris Version			
	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 11)	✓			

Chapter 15

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 which 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 11)	✓			

Chapter 16

Sybase Integrations

HP Operations Orchestration supports the following Sybase product.

Sybase ASE 49

Sybase ASE

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

OO	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 11)				✓

Chapter 17

Symantec Integrations

HP Operations Orchestration supports the following Symantec products.

Symantec Altiris	50
Symantec Backup Exec	50

Symantec Altiris

The following table lists the versions of Symantec Altiris which 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 11)	✓			

Symantec Backup Exec

The following table lists the versions of Symantec Backup Exec which 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 11)	✓	✓		

Chapter 18

VMware Integrations

HP Operations Orchestration supports the following VMware products.

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

VMware ESX

The following table lists the versions of VMware ESX which 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 11)	✓	✓	✓	✓	✓

VMware vCenter Orchestrator (vCO)

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

OO	vCO Version			
	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 11)	✓			

VMware vCloud

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

OO	vCloud Version			
	1.0	1.5	5.1	
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 11)	✓	✓	✓	

VMware ESXi

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

OO	ESX Version			
	3.5	4.0	4.1	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 11)	✓	✓	✓	✓

VMware Server

The following table lists the versions of VMware Server which 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 11)	✓			

VMware Virtual Center

The following table lists the versions of VMware Virtual Center which each version of HP Operations Orchestration software supports.

OO	Virtual Center Version			
	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 11)	✓	✓		

VMware vSphere

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

OO	vSphere Version				
	4.0	4.1	5.0	5.0 U1	5.1
7.20.x (including 7.20.01)					
7.50.x (including 7.50.03)					

Integrations Matrix

Chapter 18: VMware Integrations

OO	vSphere Version				
	4.0	4.1	5.0	5.0 U1	5.1
7.51.x (including 7.51.04)	✓				
7.60.x (including 7.60.02)	✓				
9.0x (including Content Pack 11)	✓	✓	✓	✓	✓

Chapter 19

Other Integrations

HP Operations Orchestration supports the following other products.

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

FreeBSD

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

OO	FreeBSD Version			
	6.3	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 11)	✓	✓		

JBoss

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

OO	JBoss Version			
	4.0.4	5.0		
7.20.x (including 7.20.01)	✓			
7.50.x (including 7.50.03)	✓			
7.51.x (including 7.51.04)	✓			

OO	JBoss Version			
	4.0.4	5.0		
7.60.x (including 7.60.02)	✓			
9.0x (including Content Pack 11)	✓	✓		

SNMP

The following table lists the versions of SNMP which 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 11)	✓	✓	✓	

TN3270

The following table lists the versions of TN3270 which 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 11)	✓			

WS-Management

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

Integrations Matrix

Chapter 19: Other Integrations

OO	WS-Management Version			
	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 11)	✓			