



Hewlett Packard
Enterprise

HPE Database and Middleware Automation

Ultimate Edition

for Linux, Solaris, Windows, AIX, and HP-UX operating systems

Software Version: 10.40.000.000

Support Matrix

Manufacturing Part Number: none

Document Release Date: December 2017

Software Release Date: December 2015

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HP Database and Middleware Automation Version 10.40.000.000
Support Matrixes for Workflows

The pages that follow provide support matrixes for the HPE DMA workflows. The matrixes contain the supported products, HPE DMA solution packs, HPE DMA workflows, and supported platforms for each supported product version.

Type	Included items
Product	Oracle
	SQL Server
	SAP Sybase Adaptive Server Enterprise
	IBM DB2
	MySQL
	Apache
	Tomcat
	JBoss
	WebSphere
	WebLogic
Solution Pack	AdvancedDBPatching
	AdvancedDBProvisioning
	DBCompliance
	DBPatching
	DBProvisioning
	DBRefresh
	DBReleaseManagement
	ASProvisioning
	ASPatching
	ASReleaseManagement
	ASConfigManagement
	Discovery
	Promote
Platform	Linux Platforms: Red Hat Enterprise, SUSE Enterprise, Oracle Enterprise
	Solaris (SPARC)
	Windows
	AIX
	HP-UX

Oracle Database

		Red Hat Enterprise Linux 5, 6, 7 SUSE Enterprise Linux Server 10, 11 Oracle Linux 5, 6, 7		Solaris (SPARC) 10, 11		AIX 6, 7		HP-UX 11iv3 (11.31)	
Solution Pack	Workflow	12.1.0	11.2.0	12.1.0	11.2.0	12.1.0	11.2.0	12.1.0	11.2.0
DBProvisioning	Oracle - Upgrade Database	●	●	●	●	●	●		●
	Oracle - Provision Database	●	●	●	●	●	●		●
	Provision OEM Agent		●		●		●		●
	Oracle - Provision Pluggable Database	●		●		●			
	Oracle - Provision Database Software	●	●	●	●	●	●		●
	Oracle - Provision Client	●	●	●	●	●	●		●
	Oracle - Start or Stop Database	●	●	●	●	●	●		
	Oracle - Drop Database	●	●	●	●	●	●		
DBRefresh ²	Oracle - Export and Refresh Database via Data Pump	●	●	●	●	●	●	●	●
	Oracle - Extract and Refresh Database via RMAN	●	●	●	●	●	●	●	●
	Oracle - Export Database via Data Pump	●	●	●	●	●	●	●	●
	Oracle - Extract Database via RMAN	●	●	●	●	●	●	●	●
	Oracle - Refresh Database via Data Pump	●	●	●	●	●	●	●	●
	Oracle - Refresh Database via RMAN	●	●	●	●	●	●	●	●
	Oracle - Migrate Database TTS	●	●	●	●	●	●	●	●
DBReleaseManagement	Oracle - SQL Release	●	●	●	●	●	●	●	●
Discovery	Discovery	●	●	●	●	●	●	●	●

12.1.0.x includes Oracle 12.1.0.1, 12.1.0.2 (12.1.0.1 was supported in DMA 10.21, 12.1.0.2 is new support)

11.2.0.x includes Oracle 11.2.0.3, 11.2.0.4

The Oracle workflows may still run on 11.1.0.6, 11.1.0.7, and 10.2.0.x x - but out of standard support

¹ Workflow only runs on Oracle versions that are out of standard support

² DBRefresh Solution Pack: Still supports 10.2.0.5 for the source





SQL Server		Windows 2012, 2012 R2			Windows 2008, 2008 R2			
Solution Pack	Workflow	2014	2012	2008 R2	2014	2012	2008 R2	2008
DBCompliance	MS SQL - Compliance Audit	•	•	•	•	•	•	
DBPatching	MS SQL - Install Patch	•	•	•	•	•	•	•
	MS SQL Rollback Patch	•	•	•	•	•	•	•
	MS SQL - Install Cluster Patch	•	•	•	•	•	•	•
DBProvisioning	MS SQL - Install Clustered Instance	•	•	•	•	•	•	•
	MS SQL - Install Standalone SQL Instance	•	•	•	•	•	•	•
	MS SQL - Upgrade Standalone SQL Instance	•	•	•	•	•	•	•
	MS SQL - Add Node to Cluster	•	•	•	•	•	•	•
	MS SQL - Create Database	•	•	•	•	•	•	•
	MS SQL - Drop Database	•	•	•	•	•	•	•
	MS SQL - Create AlwaysOn Availability Group	•			•			
	MS SQL - Start or Stop Instance	•	•	•	•	•	•	•
DBRefresh	Backup and Restore MS SQL Database	•	•	•	•	•	•	•
	Backup MS SQL Database	•	•	•	•	•	•	•
	Restore MS SQL Database	•	•	•	•	•	•	•
DBReleaseManagement	DB Release for SQL Server	•	•	•	•	•	•	
Discovery	Discovery	•	•	•	•	•	•	

Notes: Workflows may include a version (for example, v2)

Support includes Windows service packs

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Key

-  Available
-  New support
-  Not applicable
-  New/replaced workflow

SAP Sybase Adaptive Server Enterprise		Red Hat Enterprise Linux 5, 6, 7 SUSE Enterprise Linux Server 10, 11 Oracle Linux 5, 6, 7			Solaris (SPARC) 10			AIX 6, 7		
		15.7	15.5	15.0.3	15.7	15.5	15.0.3	15.7	15.5	15.0.3
Solution Pack	Workflow									
DBCompliance	Sybase - Compliance Audit	•	•	•	•	•	•	•	•	•
DBPatching	Sybase - Patch to Home and Instance	•	•	•		•	•		•	•
	Sybase - Rollback from Home and Instance	•	•	•		•	•		•	•
DBProvisioning	Configure Sybase ASE 15 Server		•	•		•	•		•	•
	Create Sybase Database		•	•		•	•		•	•
	Enable Sybase ASE 15 SMP Feature		•	•					•	•
	Register Sybase SySAM License		•	•						
	Provision Sybase ASE 15 Server		•	•		•	•		•	•
	Sybase - Provision Software	•			•			•		
	Sybase - Provision Instance	•			•			•		
DBRefresh	Dump Sybase Database		•	•		•	•		•	•
	Load Sybase Database Dump		•	•		•	•		•	•
	Dump and Load Sybase Database		•	•		•	•		•	•
DBReleaseManagement	Sybase Release Management		•	•		•	•		•	•
Discovery	Discovery	•	•	•	•	•	•		•	•
	Sybase Deep Instance Discovery	•	•	•	•	•	•		•	•

Notes: Workflows may include a version (for example, v2)

Support includes platform minor releases

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Key

- Available
- New support
- Not applicable
- Name New/replaced workflow

MySQL

**Red Hat Enterprise Linux
5, 6, 7
SUSE Enterprise Linux Server
10, 11
Oracle Enterprise Linux
5, 6, 7**

Solution Pack	Workflow	MySQL 5.6 Enterprise Edition, x64
DBProvisioning	MySQL - Create Database	●
	MySQL - Drop Database	●
	MySQL - Upgrade Instance	●
	MySQL - Install Instance	●
	MySQL - Start or Stop	●
DBReleaseManagement	MySQL - SQL Release	●
Discovery	Discovery	●

Notes: Workflows may include a version (for example, v2)

Support includes platform minor releases

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Key

- Available
- New support
- Not applicable
- Name New/replaced workflow

IBM DB2

Red Hat Enterprise Linux 6, 7 SUSE Enterprise Linux Server 10, 11 Oracle Linux 6, 7	Red Hat Enterprise Linux 5 SUSE Enterprise Linux Server 10, 11 Oracle Linux 5
----------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------

IBM DB2

AIX 6, 7






Solution Pack	Workflow	10.5	10.1	9.7	9.5	9.7	9.5	Solution Pack	Workflow	10.5	10.1	9.7	9.5
DBCompliance	DB2 - Compliance Audit	•	•	•	•	•	•	DBCompliance	DB2 - Compliance Audit	•	•	•	•
	DB2 - Patch Fixpack	•	•	•	•	•	•		DB2 - Patch Fixpack	•	•	•	•
DBPatching	DB2 – Rollback Fixpack	•	•	•	•	•	•	DBPatching	DB2 – Rollback Fixpack	•	•	•	•
DBProvisioning	DB2 - Provision Software	•	•	•	•	•	•	DBProvisioning	DB2 - Provision Software	•	•	•	•
	DB2 - Provision Instance	•	•	•	•	•	•		DB2 - Provision Instance	•	•	•	•
	DB2 - Provision Database	•	•	•	•	•	•		DB2 - Provision Database	•	•	•	•
	DB2 - Upgrade Instance and Database	•	•	•	•	•	•		DB2 - Upgrade Instance and Database	•	•	•	•
	DB2 - Configure HADR Database	•	•						DB2 - Configure HADR Database	•	•		
	DB2 - Configure Tivoli SAMP On HADR Database	•	•						DB2 - Configure Tivoli SAMP On HADR Database	•	•		
Discovery	Discovery	•	•	•	•	•	•	Discovery	Discovery	•	•	•	•

Apache

		Red Hat Enterprise Linux 5, 6, 7 SUSE Enterprise Linux Server 10, 11 Oracle Enterprise Linux 5, 6, 7		Windows 2008 R2, 2012, 2012 R2	
Solution Pack	Workflow	2.2	2.4	2.2	2.4
ASProvisioning	Apache - Provision Software	•	•	•	•
Discovery	Discovery	•	•	•	•

Notes: Workflows may include a version (for example, v2)
 Support includes platform minor releases and Windows service packs
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Key

-  Available
-  New support
-  Not applicable
-  Name
-  New/replaced workflow

Tomcat

Red Hat Enterprise Linux 5, 6, 7 SUSE Enterprise Linux Server 10, 11 Oracle Linux 5, 6, 7	Windows 2008 R2, 2012, 2012 R2
--------------------------------------------------------------------------------------------------------------------------	-------------------------------------------

Solution Pack	Workflow	7	8	7	8
ASProvisioning	Tomcat - Provision Software	•	•	•	•
Discovery	Discovery	•	•	•	•

Notes: Workflows may include a version (for example, v2)
 Support includes platform minor releases and Windows service packs
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Key

- Available
- New support
- Not applicable
- Name New/replaced workflow

JBoss

**Red Hat
Enterprise Linux
5, 6, 7
SUSE Enterprise Linux Server 10,
11
Oracle Linux
5, 6, 7**

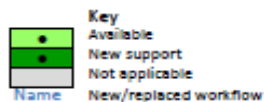
Solution Pack	Workflow	CE 7*	EAP**	WildFly#
ASpatching	JBoss - Patch Software ¹		●	
	JBoss - Rollback Patch Software ¹		●	
ASProvisioning	Provision Open Source JBoss 7 StandAlone Mode	●		
	JBoss - Provision Software		●	●
ASConfigManagement	JBoss - Create and Configure Data Source		●	●
ASReleaseManagement	JBoss - Code Release		●	●
Discovery	Discovery		●	●

* CE 7 - Community Edition Version 7

** EAP - JBoss EAP 6.1.0, 6.2.0, 6.3.0

WildFly - JBoss WildFly 8.0.0, 8.1.0, 8.2.0

1 EAP - Patching and Rollback Supported version: EAP 6.2 onwards, WildFly 8.0.0, 8.1.0, 8.2.0



WebSphere		Red Hat Enterprise Linux 5, 6, 7 SUSE Enterprise Linux Server 10, 11 Oracle Linux 5, 6, 7			Windows 2008 R2, 2012, 2012 R2			Solaris (SPARC) 10, 11			AIX 6, 7			HP-UX 11iv3 (11.31)
		8.5	8	7	8.5	8	7	8.5	8	7	8.5	8	7	7
Solution Pack	Workflow													
ASpatching	Patch WebSphere 7 Network Deployment Cell			•			•			•			•	
	Patch WebSphere 7 StandAlone Profile			•			•			•			•	
	WebSphere 8 -Patch Network Cell	•	•		•	•		•	•		•	•		
ASProvisioning	Create Custom Node from Existing WebSphere 7 Install			•			•			•			•	•
	Create StandAlone From Existing WebSphere 7 Install			•			•			•			•	•
	Provision IBM HTTP Server 7 and Plug-in			•			•			•			•	•
	Provision WebSphere 7 and Custom Node			•			•			•			•	•
	Provision WebSphere 7 and Deployment Manager			•			•			•			•	•
	Provision WebSphere 7 StandAlone Profile			•			•			•			•	•
	Provision IBM HTTP Server and Plug-in	•	•		•	•		•	•		•	•		
	Provision WebSphere and Deployment Manager	•	•		•	•		•	•		•	•		
	Provision WebSphere and Custom Node	•	•		•	•		•	•		•	•		
	Provision WebSphere and Stand-Alone	•	•		•	•		•	•		•	•		
	Provision WebSphere Stand-Alone Profile From Existing Install	•	•		•	•		•	•		•	•		
Provision WebSphere Custom Node Profile From Existing Install	•	•		•	•		•	•		•	•			
ASConfigManagment	Configure WebSphere Cluster and Cluster Members	•	•		•	•		•	•		•	•		
	Create and Configure WebSphere Data Sources	•	•		•	•		•	•		•	•		
	Create and Configure WebSphere WebServer Definitions	•	•		•	•		•	•		•	•		
ASReleaseManagement	WebSphere - Code Release	•	•		•	•		•	•		•	•		
	WebSphere - Code Release on Cluster	•	•		•	•		•	•		•	•		
Discovery	Discovery	•	•		•	•		•	•		•	•		

Notes: Workflows may include a version (for example, v2)
 Support includes platform minor releases and Windows service packs
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Key

- Available
- New support
- Not applicable
- Name New/replaced workflow

WebLogic

		Red Hat Enterprise Linux 5, 6, 7 SUSE Enterprise Linux Server 10, 11 Oracle Linux 5, 6, 7		Solaris (SPARC) 10, 11	
Solution Pack	Workflow	11G	12C	11G	12C
ASProvisioning	Increase WebLogic Domain Span	●	●	●	●
	Provision WebLogic Cluster	●	●	●	●
	WebLogic - Provision Weblogic Domain and Admin Server	●	●	●	●
	WebLogic - Provision Weblogic Managed Servers	●	●	●	●
	WebLogic - Provision Weblogic Software	●	●	●	●
	WebLogic - Provision Advanced Domain and Admin Server	●	●	●	●
	WebLogic - Create Trust and Identity Keystore *	●	●	●	●
ASPatching	WebLogic - Patch WebLogic Domain	●	●	●	●
	Weblogic - Rollback Patch	●	●	●	●
ASConfigManagment	WebLogic - Create and Configure Datasource	●	●		
ASReleaseManagement	WebLogic - Code Release	●	●		
Discovery	Discovery	●	●	●	●

* Supports Java 1.6 and 1.7

Notes: Workflows may include a version (for example, v2)

Support includes platform minor releases

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

Key

- Available
- New support
- Not applicable
- Name New/replaced workflow

Promote		Red Hat Enterprise Linux 5, 6, 7 SUSE Enterprise Linux Server 10, 11 Oracle Linux 5, 6, 7	Solaris (SPARC) 10, 11	Windows 2008 R2, 2012, 2012 R2	AIX 6, 7
Solution Pack	Workflow				
Promote	Promote Workflow - Export	•	•	•	•
	Promote Workflow - Import	•	•	•	•
	Promote Workflow - Export and Import	•	•	•	•

Notes: Workflows may include a version (for example, v2)
 Support includes platform minor releases and Windows service packs
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Key

-  Available
-  New support
-  Not applicable
-  New/replaced workflow

HP Database and Middleware Automation Version 10.40.000.000 Replacement Workflows

The following workflows have been deprecated and replaced in HPE DMA 10.40.000.000. The replacement workflows retain (and improve) the original functionality:

Product	Solution Pack	Deprecated Workflow	Replacement Workflow	Version
Oracle	AdvancedDBPatching	Apply Critical Patch Update to RAC Home	Oracle – Patch Grid Infrastructure and Database	10.40.000.000
		Apply Oracle CRS Patchset	Oracle – Provision or Upgrade Grid Infrastructure	10.40.000.000
	AdvancedDBProvisioning	Oracle - Deploy Grid and Database		10.40.000.000
		Oracle - Deploy Grid and Database with Data Guard		10.40.000.000
		Provision a New RAC Node		10.40.000.000
		Provision an ASM Instance	Oracle – Provision or Upgrade Grid Infrastructure	10.40.000.000
		Provision Oracle Cluster Ready Services	Oracle – Provision or Upgrade Grid Infrastructure	10.40.000.000
Provision Oracle RAC 11gr2 CRS and ASM Components	Oracle – Patch Grid Infrastructure and Database	10.40.000.000		
Provision Oracle RAC 11.2 CRS and ASM Components	Oracle – Patch Grid Infrastructure and Database	10.40.000.000		
Sybase	DBPatching	Sybase - Rollback EBF Patch from Home and Instance	Sybase - Rollback from Home and Instance	10.40.000.000
		Sybase - Patch EBF to Home and Instance	Sybase – Patch to Home and Instance	10.40.000.000
DB2	DBPatching	DB2 - Apply Fixpack on DB2 Home	DB2 - Patch Fixpack	10.40.000.000

**HP Database and Middleware Automation Version 10.40.000.000
Required Software Infrastructure**

Software Infrastructure	Product	Version
DMA server platform	Red Hat Enterprise Linux	5.8, 6.1 (or later) 64-bit
	SUSE Enterprise Linux	11 (or later) 64-bit
Server management tool	HP Server Automation	HPDCA Virtual Appliance 2016.01
		Server Automation 10.1x, 10.2x, 10.60 Ultimate Edition (SA 10.1x, 10.2x, 10.60)
		Server Automation 10.0x Enterprise Edition (SA 10.0x, 10.2x)
		Server Automation 10.0x Standard Edition (SAVA 10.0x)
		12c
DMA backend database tool	Oracle Database Enterprise or Standard Edition	11gR2
		9.3.5
	PostgreSQL	Version 7 Update 80 (1.7_u80) on Linux flavors, Windows, Solaris and HPUX Version 7 Update 80 (1.7_u85) on AIX
Oracle Java	Java Runtime Environment (JRE)	

Notes: Products are supported until end-of-life.

HP Database and Middleware Automation Version 10.40.000.000 Supported Web Browsers

Web Browser	Product	Version
Browser	Microsoft Internet Explorer	10 and 11
	Google Chrome	
	Mozilla Firefox	

Note: Products are supported until end-of-life.

HP Database and Middleware Automation Version 10.40.000.000 Supported Target Platforms

Servers running the following operating systems can be used as HPE DMA targets:

Operating System	Architecture	Version
AIX	POWER	AIX 6 AIX 7
HP-UX	Itanium 2	HP-UX 11iv3 (11.31)
Linux	x86 32-bit	Red Hat Enterprise Linux Server 5 Red Hat Enterprise Linux Server 6 Red Hat Enterprise Linux Server 7 SUSE Enterprise Linux Server 10 SUSE Enterprise Linux Server 11 SUSE Enterprise Linux Server 12 Oracle Linux 5 Oracle Linux 6 Oracle Linux 7
	x86 64-bit	Red Hat Enterprise Linux Server 5 Red Hat Enterprise Linux Server 6 Red Hat Enterprise Linux Server 7 SUSE Enterprise Linux Server 10 SUSE Enterprise Linux Server 11 Oracle Linux 5 Oracle Linux 6 Oracle Linux 7
Solaris	SPARC	Solaris 10 Solaris 11
Windows	x86 32-bit	Windows Server 2008
	x86 64-bit	Windows Server 2008 Windows Server 2008 R2 Windows Server 2012 Windows Server 2012 R2