

HP Database and Middleware Automation

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

Software Version: 10.20

Support Matrix

Manufacturing Part Number: none

Document Release Date: May 2014

Software Release Date: December 2013



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HP Database and Middleware Automation

Version 10.20

Support Matrix

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HP Database and Middleware Automation Version 10.20 Support Matrixes for Workflows

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

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

Oracle Database

		Red Hat Enterprise Linux 5, 6 SUSE Enterprise Linux Server 11 Oracle Linux 5, 6							
Solution Pack	Workflow	12.1.0.1	11.2.0.4	11.2.0.3	11.2.0.2	11.2.0.1	11.1.0.7	10.2.0.5	10.2.0.4
AdvancedDBPatching	Oracle - Patch CRS Home			●	●	●	●	●	●
	Apply Critical Patch Update to RAC Home			●	●	●	●	●	●
	Apply Oracle CRS Patchset						●	●	●
	Oracle - Patch Grid Infrastructure and Databases	●	●	●	●				
	Oracle - Rollback Patch from CRS Home			●	●	●	●	●	●
	Oracle - Rollback Patch from Grid Infrastructure and Database	●	●	●	●				
AdvancedDBProvisioning	Check RAC Node and Check SQL Connectivity	●	●	●	●	●	●	●	●
	Cleanup Failed RAC Node Install		●				●	●	●
	Oracle - Configure Data Guard Broker Properties	●	●	●	●	●	●		
	Oracle - Create Database Broker Configuration	●	●	●	●	●	●		
	Oracle - Provision Data Guard	●	●	●	●	●			
	Oracle - Deploy Grid and Database	●	●	●	●	●			
	Oracle - Deploy Grid and Database with Data Guard	●	●	●	●	●			
	Install or Configure ASMLib	●	●	●	●	●	●	●	●
	Move ASM Datafiles	●	●	●	●	●	●	●	●
	Oracle - Data Guard Broker Switchover	●	●	●	●	●	●		
	Provision a New RAC Node			●	●	●	●	●	●
	Provision an ASM Instance			●	●	●	●	●	●
	Provision Oracle Cluster Ready Services						●	●	●
	Add or Alter an ASM Diskgroup	●	●	●	●	●	●	●	●
	Provision Oracle RAC 11gr2 CRS and ASM Components			●	●	●			
	Provision Oracle RAC 11.2 CRS and ASM Components			●	●	●			
Oracle - Provision or Upgrade Grid Infrastructure	●	●	●	●	●				
DBCompliance	Run Oracle Compliance Audit	●	●	●	●	●	●	●	●
DBPatching	Oracle - Patch Home and Database	●	●	●	●	●	●	●	●
	Apply Oracle Patchset						●	●	●
	Clone Oracle Home	●	●	●	●	●	●	●	●
	Migrate Oracle Home	●	●	●	●	●	●	●	●
	Oracle - Rollback Patch from Home and Databases	●	●	●	●	●	●	●	●

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 ● Available
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Oracle Database

		Red Hat Enterprise Linux 5, 6 SUSE Enterprise Linux Server 11 Oracle Linux 5, 6							
		12.1.0.1	11.2.0.4	11.2.0.3	11.2.0.2	11.2.0.1	11.1.0.7	10.2.0.5	10.2.0.4
DBProvisioning	Oracle - Upgrade Database	•	•	•	•	•	•	•	•
	Oracle - Provision Database	•	•	•	•	•	•	•	•
	Provision OEM Agent		•	•	•	•	•	•	•
	Provision Oracle Client	•	•	•	•	•	•	•	•
	Oracle - Provision Pluggable Database	•							
	Oracle - Provision Database Software	•	•	•	•	•	•	•	•
	DBRefresh	Oracle - Export and Refresh Database via Data Pump	•	•	•	•	•	•	•
Oracle - Export and Refresh Schema via Data Pump		•	•	•	•	•	•	•	•
Oracle - Extract and Refresh Database via RMAN		•	•	•	•	•	•	•	•
Oracle - Export Schema via Data Pump		•	•	•	•	•	•	•	•
Oracle - Export Database via Data Pump		•	•	•	•	•	•	•	•
Oracle - Extract Database via RMAN		•	•	•	•	•	•	•	•
Oracle - Refresh Database via Data Pump		•	•	•	•	•	•	•	•
Oracle - Refresh Database via RMAN		•	•	•	•	•	•	•	•
Oracle - Refresh Schema via Data Pump		•	•	•	•	•	•	•	•
DBReleaseManagement		Oracle - SQL Release	•	•	•	•	•	•	
Discovery	Discovery	•	•	•	•	•	•	•	•

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Oracle Database

		Solaris (SPARC) 10, 11 *							
Solution Pack	Workflow	12.1.0.1	11.2.0.4	11.2.0.3	11.2.0.2	11.2.01	11.1.0.7	10.2.0.5	10.2.0.4
AdvancedDBPatching	Oracle - Patch CRS Home								
	Apply Critical Patch Update to RAC Home								
	Apply Oracle CRS Patchset								
	Oracle - Patch Grid Infrastructure and Databases	●	●	●	●				
	Oracle - Rollback Patch from CRS Home								
AdvancedDBProvisioning	Oracle - Rollback Patch from Grid Infrastructure and Database	●	●	●	●				
	Check RAC Node and Check SQL Connectivity	●	●						
	Cleanup Failed RAC Node Install		●						
	Oracle - Configure Data Guard Broker Properties	●	●						
	Oracle - Create Database Broker Configuration	●	●						
	Oracle - Provision Data Guard	●	●						
	Oracle - Deploy Grid and Database								
	Oracle - Deploy Grid and Database with Data Guard								
	Install or Configure ASMLib	●	●						
	Move ASM Datafiles	●	●						
	Oracle - Data Guard Broker Switchover	●	●						
	Provision a New RAC Node								
	Provision an ASM Instance								
	Provision Oracle Cluster Ready Services								
	Add or Alter an ASM Diskgroup	●	●	●	●	●			
	Provision Oracle RAC 11gr2 CRS and ASM Components								
	Provision Oracle RAC 11.2 CRS and ASM Components								
Oracle - Provision or Upgrade Grid Infrastructure	●	●	●	●	●				
DBCompliance	Run Oracle Compliance Audit	●	●	●	●	●	●	●	●
DBPatching	Oracle - Patch Home and Database	●	●	●	●	●	●	●	●
	Apply Oracle Patchset						●	●	●
	Clone Oracle Home	●	●	●	●	●	●	●	●
	Migrate Oracle Home	●	●	●	●	●	●	●	●
	Oracle - Rollback Patch from Home and Databases	●	●	●	●	●	●	●	●

* Updated April 2014: Corrected Solaris support. Removed Solaris SPARC 9. Added Solaris SPARC 11.

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Oracle Database

		Solaris (SPARC) 10, 11 *							
Solution Pack	Workflow	12.1.0.1	11.2.0.4	11.2.0.3	11.2.0.2	11.2.0.1	11.1.0.7	10.2.0.5	10.2.0.4
DBProvisioning	Oracle - Upgrade Database	●	●	●	●	●	●	●	●
	Oracle - Provision Database	●	●	●	●	●	●	●	●
	Provision OEM Agent		●	●	●	●	●	●	●
	Provision Oracle Client	●	●	●	●	●	●	●	●
	Oracle - Provision Pluggable Database	●							
	Oracle - Provision Database Software	●	●	●	●	●	●	●	●
DBRefresh	Oracle - Export and Refresh Database via Data Pump	●	●	●	●	●	●	●	●
	Oracle - Export and Refresh Schema via Data Pump	●	●	●	●	●	●	●	●
	Oracle - Extract and Refresh Database via RMAN	●	●	●	●	●	●	●	●
	Oracle - Export Schema via Data Pump	●	●	●	●	●	●	●	●
	Oracle - Export Database via Data Pump	●	●	●	●	●	●	●	●
	Oracle - Extract Database via RMAN	●	●	●	●	●	●	●	●
	Oracle - Refresh Database via Data Pump	●	●	●	●	●	●	●	●
	Oracle - Refresh Database via RMAN	●	●	●	●	●	●	●	●
	Oracle - Refresh Schema via Data Pump	●	●	●	●	●	●	●	●
DBReleaseManagement	Oracle - SQL Release	●	●	●	●	●	●	●	●
Discovery	Discovery	●	●	●	●	●	●	●	●

* Updated April 2014: Corrected Solaris support. Removed Solaris SPARC 9. Added Solaris SPARC 11.

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Oracle Database

		AIX 6, 7							
Solution Pack	Workflow	12.1.0.1	11.2.0.4	11.2.0.3	11.2.0.2	11.2.01	11.1.0.7	10.2.0.5	10.2.0.4
AdvancedDBPatching	Oracle - Patch CRS Home			●	●	●			
	Apply Critical Patch Update to RAC Home			●	●	●			
	Apply Oracle CRS Patchset								
	Oracle - Patch Grid Infrastructure and Databases		●	●	●				
	Oracle - Rollback Patch from CRS Home			●	●	●			
	Oracle - Rollback Patch from Grid Infrastructure and Database		●	●	●				
AdvancedDBProvisioning	Check RAC Node and Check SQL Connectivity		●	●	●	●			
	Cleanup Failed RAC Node Install		●	●	●	●			
	Oracle - Configure Data Guard Broker Properties		●	●	●	●			
	Oracle - Create Database Broker Configuration		●	●	●	●			
	Oracle - Provision Data Guard		●	●	●	●			
	Oracle - Deploy Grid and Database								
	Oracle - Deploy Grid and Database with Data Guard								
	Install or Configure ASMLib		●						
	Move ASM Datafiles		●	●	●	●			
	Oracle - Data Guard Broker Switchover		●	●	●	●			
	Provision a New RAC Node								
	Provision an ASM Instance								
	Provision Oracle Cluster Ready Services								
	Add or Alter an ASM Diskgroup		●	●	●	●			
	Provision Oracle RAC 11gr2 CRS and ASM Components			●	●	●			
	Provision Oracle RAC 11.2 CRS and ASM Components			●	●	●			
Oracle - Provision or Upgrade Grid Infrastructure		●	●	●	●				
DBCompliance	Run Oracle Compliance Audit		●	●	●	●	●	●	●
DBPatching	Oracle - Patch Home and Database		●	●	●	●	●	●	●
	Apply Oracle Patchset								
	Clone Oracle Home		●	●	●	●			
	Migrate Oracle Home		●	●	●	●			
	Oracle - Rollback Patch from Home and Databases		●	●	●	●	●	●	●

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Oracle Database

		AIX 6, 7							
Solution Pack	Workflow	12.1.0.1	11.2.0.4	11.2.0.3	11.2.0.2	11.2.01	11.1.0.7	10.2.0.5	10.2.0.4
DBProvisioning	Oracle - Upgrade Database		●	●	●	●	●	●	●
	Oracle - Provision Database		●	●	●	●	●		
	Provision OEM Agent		●	●	●	●	●		
	Provision Oracle Client		●	●	●	●	●	●	●
	Oracle - Provision Pluggable Database								
	Oracle - Provision Database Software		●	●	●	●			
DBRefresh	Oracle - Export and Refresh Database via Data Pump		●	●	●	●	●	●	●
	Oracle - Export and Refresh Schema via Data Pump		●	●	●	●	●	●	●
	Oracle - Extract and Refresh Database via RMAN		●	●	●	●	●		
	Oracle - Export Schema via Data Pump		●	●	●	●	●	●	●
	Oracle - Export Database via Data Pump		●	●	●	●	●	●	●
	Oracle - Extract Database via RMAN		●	●	●	●	●		
	Oracle - Refresh Database via Data Pump		●	●	●	●	●	●	●
	Oracle - Refresh Database via RMAN		●	●	●	●	●		
	Oracle - Refresh Schema via Data Pump		●	●	●	●	●	●	●
DBReleaseManagement	Oracle - SQL Release		●	●	●	●	●		
Discovery	Discovery		●	●	●	●	●	●	●

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Oracle Database

		HP-UX 11iv3 (11.31)							
		12.1.0.1	11.2.0.4	11.2.0.3	11.2.0.2	11.2.0.1	11.1.0.7	10.2.0.5	10.2.0.4
AdvancedDBPatching	Oracle - Patch CRS Home								
	Apply Critical Patch Update to RAC Home								
	Apply Oracle CRS Patchset								
	Oracle - Patch Grid Infrastructure and Databases								
	Oracle - Rollback Patch from CRS Home								
AdvancedDBProvisioning	Oracle - Rollback Patch from Grid Infrastructure and Database								
	Check RAC Node and Check SQL Connectivity								
	Cleanup Failed RAC Node Install								
	Oracle - Configure Data Guard Broker Properties								
	Oracle - Create Database Broker Configuration								
	Oracle - Provision Data Guard								
	Oracle - Deploy Grid and Database								
	Oracle - Deploy Grid and Database with Data Guard								
	Install or Configure ASMLib								
	Move ASM Datafiles								
	Oracle - Data Guard Broker Switchover								
	Provision a New RAC Node								
	Provision an ASM Instance								
	Provision Oracle Cluster Ready Services								
	Add or Alter an ASM Diskgroup								
Provision Oracle RAC 11gr2 CRS and ASM Components									
Provision Oracle RAC 11.2 CRS and ASM Components									
Oracle - Provision or Upgrade Grid Infrastructure									
DBCompliance	Run Oracle Compliance Audit		•	•	•	•			
DBPatching	Oracle - Patch Home and Database		•	•	•	•			
	Apply Oracle Patchset								
	Clone Oracle Home		•	•	•	•			
	Migrate Oracle Home		•	•					
	Oracle - Rollback Patch from Home and Databases		•	•					

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Oracle Database

		HP-UX 11iv3 (11.31)							
Solution Pack	Workflow	12.1.0.1	11.2.0.4	11.2.0.3	11.2.0.2	11.2.01	11.1.0.7	10.2.0.5	10.2.0.4
DBProvisioning	Oracle - Upgrade Database		●	●					
	Oracle - Provision Database		●	●	●	●			
	Provision OEM Agent		●						
	Provision Oracle Client		●						
	Oracle - Provision Pluggable Database								
	Oracle - Provision Database Software		●	●	●	●			
DBRefresh	Oracle - Export and Refresh Database via Data Pump		●	●					
	Oracle - Export and Refresh Schema via Data Pump		●	●					
	Oracle - Extract and Refresh Database via RMAN		●	●					
	Oracle - Export Schema via Data Pump		●	●					
	Oracle - Export Database via Data Pump		●	●					
	Oracle - Extract Database via RMAN		●	●					
	Oracle - Refresh Database via Data Pump		●	●					
	Oracle - Refresh Database via RMAN		●	●					
	Oracle - Refresh Schema via Data Pump		●	●					
DBReleaseManagement	Oracle - SQL Release		●	●					
Discovery	Discovery		●	●	●	●			

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SQL Server		Windows 2012		Windows 2008 R2			
		2012	2008 R2	2012	2008 R2	2008	2005
Solution Pack	Workflow						
DBCompliance	Run SQL Server Compliance Audit	•	•	•	•		•
DBPatching	MS SQL - Install Patch	•	•	•	•	•	•
	MS SQL: Rollback 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	•	•	•	•	•	•
	Deploy MS SQL 2008 R2 Cluster		•		•		
	MS SQL: Drop Database	•	•	•	•	•	•
DBRefresh	Backup and Restore MS SQL Database	•	•	•	•	•	•
	Backup MS SQL Database	•	•	•	•	•	•
	Restore MS SQL Database	•	•	•	•	•	•
DBReleaseManagement	DB Release for SQL Server	•	•	•	•	•	•
Discovery	Discovery	•	•	•	•	•	•

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SAP Sybase Adaptive Server Enterprise		Red Hat Enterprise Linux 5		SUSE Linux Enterprise Server 11		Solaris (SPARC) 10		AIX 6, 7	
		15.5	15.0.3	15.5	15.0.3	15.5	15.0.3	15.5	15.0.3
DBCompliance	Run Sybase Compliance Audit	•	•	•	•	•	•	•	•
DBPatching	Rollback Sybase EBF Patch For Standalone	•	•	•	•	•	•	•	•
	Apply Sybase Stand Alone EBF Patch	•	•	•	•	•	•	•	•
DBProvisioning	Configure Sybase ASE 15 Server	•	•	•	•	•	•	•	•
	Create Sybase Database	•	•	•	•	•	•	•	•
	Deploy Sybase ASE 15 SMP Server	•		•					
	Enable Sybase ASE 15 SMP Feature	•	•	•	•			•	•
	Register Sybase SySAM License	•	•	•	•				
	Provision Sybase ASE 15 Server	•	•	•	•	•	•	•	•
DBRefresh	Dump Sybase Database	•	•	•	•	•	•	•	•
	Load Sybase Database Dump	•	•	•	•	•	•	•	•
	Dump and Load Sybase Database	•	•	•	•	•	•	•	•
DBReleaseManagement	Sybase Release Management	•	•	•	•	•	•	•	•
Discovery	Discovery	•	•	•	•	•	•	•	•

Key
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IBM DB2 LUW		Red Hat Enterprise Linux 6				Red Hat Enterprise Linux 5			
		10.5	10.1	9.7	9.5	10.5	10.1	9.7	9.5
Solution Pack	Workflow								
DBCompliance	Run DB2 Compliance Audit	•	•	•	•			•	•
DBPatching	DB2 - Apply Fixpack on DB2 Home	•	•	•	•			•	•
DBProvisioning	DB2 - Provision Software	•	•	•	•			•	•
	DB2 - Provision Instance	•	•	•	•			•	•
	DB2 - Provision Database	•	•	•	•			•	•
	DB2 Upgrade (9.5 to 9.7)			•	•			•	•
Discovery	Discovery	•	•	•	•			•	•

Key
 • Available
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IBM DB2 LUW		AIX 6, 7			
		10.5	10.1	9.7	9.5
Solution Pack	Workflow				
DBCompliance	Run DB2 Compliance Audit	•	•	•	•
DBPatching	DB2 - Apply Fixpack on DB2 Home	•	•	•	•
DBProvisioning	DB2 - Provision Software	•	•	•	•
	DB2 - Provision Instance	•	•	•	•
	DB2 - Provision Database	•	•	•	•
	DB2 Upgrade (9.5 to 9.7)			•	•
Discovery	Discovery	•	•	•	•

Key
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JBoss		Red Hat Enterprise Linux 5, 6		Windows 2008 R2		Solaris 10 (SPARC)	
		CE 7	RH 5.1.1	CE 7	RH 5.1.1	CE 7	RH 5.1.1
Solution Pack	Workflow						
ASProvisioning	Provision Open Source JBoss 7 StandAlone Mode	•					
	Provision Red Hat JBoss StandAlone		•		•		•

CE 7 - Community Edition Version 7

RH 5.1.1 - RedHat JBoss 5.1.1

Key

- Available
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WebSphere

Solution Pack	Workflow	Red Hat Enterprise Linux 5			Red Hat Enterprise Linux 6			SUSE Linux Enterprise* 11	
		8.5.x	8	7	8.5.x	8	7	8.5.x	8
ASpaching	Patch WebSphere 7 Network Deployment Cell			●					
	Patch WebSphere 7 StandAlone Profile			●					
	Patch Websphere 8 Network Deployment Cell	●	●		●	●		●	●
	Patch Webshpere 8 StandAlone Profile	●	●		●	●		●	●
ASProvisioning	Add WebSphere 7 Node To Existing Cell			●					
	Create Custom Node from Existing WebSphere 7 Install			●					
	Create StandAlone From Existing WebSphere 7 Install			●					
	Provision HTTP Server and WebSphere 7 StandAlone Profile			●					
	Provision IBM HTTP Server and WebSphere 7 Two Node Cell			●					
	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 Web Sphere Cluster and Cluster Members	●	●	●	●	●	●	●	●
	Create and Configure WebSphere Data Sources	●	●	●	●	●	●	●	●
	Create and Configure WebSphere WebServer Definitions	●	●	●	●	●	●	●	●
Discovery	●	●	●	●	●	●	●	●	

Updated May 2014:
 Removed Backup WebSphere Config.
 Removed Deloy WAS Application.
 * Added SUSE support.

Key
 Available
 New in DMA 10.20
 New/replaced in DMA 10.20

WebSphere		Windows 2008 R2			Solaris 10 (SPARC)		
		8.5.x	8	7	8.5.x	8	7
ASPATCHING	Patch WebSphere 7 Network Deployment Cell			●			●
	Patch WebSphere 7 StandAlone Profile			●			●
	Patch Websphere 8 Network Deployment Cell	●	●		●	●	
	Patch Webshpere 8 StandAlone Profile	●	●		●	●	
ASPROVISIONING	Add WebSphere 7 Node To Existing Cell						
	Create Custom Node from Existing WebSphere 7 Install			●			●
	Create StandAlone From Existing WebSphere 7 Install			●			●
	Provision HTTP Server and WebSphere 7 StandAlone Profile						
	Provision IBM HTTP Server and WebSphere 7 Two Node Cell						
	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	●	●		●	●		
ASCONFIGMANAGEMENT	Configure Web Sphere Cluster and Cluster Members	●	●	●	●	●	●
	Create and Configure WebSphere Data Sources	●	●	●	●	●	●
	Create and Configure WebSphere WebServer Definitions	●	●	●	●	●	●
Discovery	●	●	●	●	●	●	

Updated May 2014:

Removed Backup WebSphere Config.

Removed Deloy WAS Application.

Key

- Available
- New in DMA 10.20
- New/replaced in DMA 10.20

WebSphere		AIX 6, 7			HP-UX 11iv3 (11.31)		
		8.5.x	8	7	8.5.x	8	7
ASPATCHING	Patch WebSphere 7 Network Deployment Cell			●			
	Patch WebSphere 7 StandAlone Profile			●			
	Patch Websphere 8 Network Deployment Cell	●	●				
	Patch Webshpere 8 StandAlone Profile	●	●				
ASPROVISIONING	Add WebSphere 7 Node To Existing Cell						
	Create Custom Node from Existing WebSphere 7 Install			●			●
	Create StandAlone From Existing WebSphere 7 Install			●			●
	Provision HTTP Server and WebSphere 7 StandAlone Profile						
	Provision IBM HTTP Server and WebSphere 7 Two Node Cell						
	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	●	●					
ASCONFIGMANAGEMENT	Configure Web Sphere Cluster and Cluster Members	●	●	●			
	Create and Configure WebSphere Data Sources	●	●	●			
	Create and Configure WebSphere WebServer Definitions	●	●	●			
DISCOVERY	Discovery	●	●	●			

Updated May 2014:

Removed Backup WebSphere Config.

Removed Deloy WAS Application.

Key

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- New/replaced in DMA 10.20

WebLogic		Red Hat Enterprise Linux 5, 6		SUSE 11		Solaris 10 (SPARC)	
		11G	12C	11G	12C	11G	12C
ASProvisioning	Create WebLogic 11g Datasource	•		•			
	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 *						
AS Patching	WebLogic - Patch WebLogic Domain	•	•	•	•	•	•
ASReleaseManagement	WebLogic: Configure Data-Source						
	WebLogic: Deploy Code						
Discovery	Discovery	•	•			•	•

* Supports Java 1.6 and 1.7

Key

- Available
- New in DMA 10.20
- Name New/replaced in DMA 10.20

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

Key
 • Available
 • New in DMA 10.20
 Name New/replaced in DMA 10.20

HP Database and Middleware Automation Version 10.20

Replacement Workflows

The following workflows have been deprecated and replaced in HP DMA 10.20. The replacement workflows retain (and improve) the original functionality:

Product	Solution Pack	Deprecated Workflow	Replacement Workflow	Version
Oracle Database	AdvancedDBPatching	Apply Critical Patch Update to CRS or Grid Home	Oracle - Patch CRS Home	10.20
		Apply Critical Patch Update to RAC Home ¹	Oracle - Patch Grid Infrastructure and Databases	10.20
		Apply Oracle GRID Standalone Patch and Apply Database Patch	Oracle - Patch Grid Infrastructure and Databases	10.20
		Rollback Critical Patch Update from CRS Home	Oracle - Rollback Patch from CRS Home	10.20
	AdvancedDBProvisioning	Configure Data Guard Broker Properties	Oracle - Configure Data Guard Broker Properties	10.20
		Create Data Guard Broker Configuration	Oracle - Create Database Broker Configuration	10.20
		Provision Oracle Data Guard	Oracle - Provision Data Guard	10.20
		Configure Data Guard Broker	Oracle - Provision Data Guard	10.20
		Perform Data Guard Broker Switchover	Oracle - Data Guard Broker Switchover	10.20
		Provision Oracle Grid Infrastructure for Standalone Server	Oracle - Provision or Upgrade Grid Infrastructure	10.20
		Provision Oracle RAC 11gr2 CRS and ASM Components ¹	Oracle - Provision or Upgrade Grid Infrastructure	10.20
		Provision Oracle RAC 11.2 CRS and ASM Components ¹	Oracle - Provision or Upgrade Grid Infrastructure	10.20
		Provision One Node RAC	Oracle - Deploy Grid and Database	10.20
	DBPatching	Deploy Data Guard One Node RAC	Oracle - Deploy Grid and Database with Data Guard	10.20
		Apply Critical Patch Update to Database	Oracle - Patch Home and Database	10.20
		Apply Critical Patch Update to Home	Oracle - Patch Home and Database	10.20
		Rollback Critical Patch Update from Database	Oracle - Rollback Patch from Home and Databases	10.20
	DBProvisioning	Rollback Critical Patch Update from Home	Oracle - Rollback Patch from Home and Databases	10.20
		Upgrade Oracle Database	Oracle - Upgrade Database	10.20
		Provision an Oracle Database	Oracle - Provision Database	10.20
	DBRefresh	Provision Oracle Software	Oracle - Provision Database Software	10.20
		Export and Refresh Oracle Database via Data Pump	Oracle - Export and Refresh Database via Data Pump	10.20
		Export and Refresh Oracle Schema via Data Pump	Oracle - Export and Refresh Schema via Data Pump	10.20
		Extract and Refresh Oracle Database via RMAN	Oracle - Extract and Refresh Database via RMAN	10.20
		Export Oracle Schema via Data Pump	Oracle - Export Schema via Data Pump	10.20
		Export Oracle Database via Data Pump	Oracle - Export Database via Data Pump	10.20
		Extract Oracle Database via RMAN	Oracle - Extract Database via RMAN	10.20
Refresh Oracle Database via Data Pump		Oracle - Refresh Database via Data Pump	10.20	
Refresh Oracle Database via RMAN		Oracle - Refresh Database via RMAN	10.20	
Refresh Oracle Schema via Data Pump		Oracle - Refresh Schema via Data Pump	10.20	
DBReleaseManagement	Oracle SQL Release	Oracle - SQL Release	10.20	
MS SQL	DBProvisioning	MS SQL - Upgrade Standalone SQL Instance to SQL 2008 or 2008 R2	MS SQL - Upgrade Standalone SQL Instance	10.10
DB2	DBPatching	DB2 Install Fixpack	DB2 - Apply Fixpack on DB2 Home	10.20
	DBProvisioning	Provision DB2 Software	DB2 - Provision Software	10.20
		Provision DB2 Instance	DB2 - Provision Instance	10.20
		Provision DB2 Database	DB2 - Provision Database	10.20

¹ Although replaced, the original workflow is still available in the release
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HP Database and Middleware Automation Version 10.20 Replacement Workflows

The following workflows have been deprecated and replaced in HP DMA 10.20. The replacement workflows retain (and improve) the original functionality:

Product	Solution Pack	Deprecated Workflow	Replacement Workflow	Version
WebSphere	ASProvisioning	Provision IBM HTTP Server 8 and Plug-in	Provision IBM HTTP Server and Plug-in	10.20
		Provision WebSphere 8 and Deployment Manager	Provision WebSphere and Deployment Manager	10.20
		Provision WebSphere 8 and Custom Node	Provision WebSphere and Custom Node	10.20
		Provision WebSphere 8 and StandAlone	Provision WebSphere and Stand-Alone	10.20
		Provision Websphere 8 Stand-Alone Profile From Existing Install	Provision Websphere Stand-Alone Profile From Existing Install	10.20
		Provision Websphere 8 Custom Node Profile From Existing Install	Provision Websphere Custom Node Profile From Existing Install	10.20
WebLogic	ASPATCHING	Patch WebLogic Domain	WebLogic - Patch WebLogic Domain	10.20
	ASProvisioning	Provision WebLogic Domain and Admin Server	WebLogic - Provision Weblogic Domain and Admin Server	10.20
		Provision WebLogic Managed Servers	WebLogic - Provision Weblogic Managed Servers	10.20
		Provision WebLogic Software	WebLogic - Provision Weblogic Software	10.20

¹ Although replaced, the original workflow is still available in the release
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HP Database and Middleware Automation Version 10.20 Required Server Platform Infrastructure

Server Platform 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	Virtual Appliance 10 (SAVA) (Standard Edition 10.0)
		Enterprise Edition 10.0
		Enterprise Edition 9.1x
		Enterprise Edition 9.06
DMA backend database tool	Oracle Database Enterprise or Standard Edition	11gR2

HP Database and Middleware Automation Version 10.20 Supported Target Platforms

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

Operating System	Architecture	Version
AIX	POWER	AIX 6.1 AIX 7.1
HP-UX	Itanium 2	HP-UX 11iv3 (11.31)
Linux	x86 32-bit	Red Hat Enterprise Linux Desktop 5 Red Hat Enterprise Linux Server 5 Red Hat Enterprise Linux Server 6 SUSE Enterprise Linux Server 10 SUSE Enterprise Linux Server 11 Oracle Linux 5 Oracle Linux 6
	x86 64-bit	Red Hat Enterprise Linux Client 5 Red Hat Enterprise Linux Server 5 Red Hat Enterprise Linux Server 6 SUSE Enterprise Linux Server 10 SUSE Enterprise Linux Server 11 Oracle Linux 5 Oracle Linux 6
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

* Updated April 2014: Corrected Solaris supported target platforms. Removed Solaris SPARC 9 and x86. Added Solaris SPARC 11.