



Database and Middleware Automation

Software Version: 10.50.001.000

Linux, Solaris, AIX, HP-UX, and Windows

Release Notes

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What's new

DMA 10.50.001.000 continues our focus on simplifying enablement of self-service cloud environments, improving time-to-value, reducing total cost of managing traditional database and middleware platforms and broadening support for database and middleware use cases – with a focus on patching, provisioning and migrations/upgrades.

In this release, 27 Change Request and 4 enhancements have been addressed. Important highlights include:

Features

- Oracle Patch Home and Databases and Oracle Rollback Patch from Home and Databases workflows support Oracle combo patching with Oracle 12C container databases.
- MS SQL Install patch supports configuring the wait time for target system reboot.

Added support

DMA 10.50.001.000 adds support for the following technologies:

- Platform support for Red Hat Enterprise Linux 7
- Microsoft SQL Server 2016 on Microsoft Windows 2012, Windows 2012 R2, and Windows 2016 systems for Microsoft SQL Server workflows
- IBM DB2 11 on Red Hat Enterprise Linux 6.7 and AIX systems for DB2 workflows

Installation and uninstallation scripts

The DMA installation and removal scripts are included in the DMA_10.50.001.000_Install folder:

File Name	Description
dma_install.sh	Tools that automate the installation of DMA

File Name	Description
install-options.txt installhelperscript.sh	
dma_remove.sh remove-options.txt removehelperscript.sh	Tools that automate the uninstallation of DMA

Enhancements

DMA 10.50.001.000 includes the following enhancement requests. The following table includes all enhancements that were implemented after the release of DMA 10.50.000.000.

To view details of each software fix, click the Change Request's link in the table to go to the [Software Online Support](#) website. The first time you click a link, you must enter your HP passport information.

ID	Component	Summary
QCCR1D227698	Oracle	Support Oracle Combo Patching with Oracle 12C Container Databases
QCCR1D227719	Oracle	Oracle Patch Home and Database workflow errors when using combo patch zip file
QCCR1D234158	SQL Server	DMA MS SQL Workflow Enhancement for Reboot Timer Method
QCCR1D235972	DB2	DMA should support the latest version of DB2 11

Fixed defects

DMA 10.50.001.000 includes the following fixes. The following table includes all the defects that were fixed after the release of DMA 10.50.000.000.

To view details of each software fix, click the Change Request's link in the table to go to the [Software Online Support](#) website. The first time you click a link, you must enter your HP passport information.

ID	Component	Summary
QCCR1D239799	Automation	Post 10.50 Upgrade Debug output from master flow log generating extra output
QCCR1D240274	Common	SA_auto_select still does not work even after upgrade to DMA 10.50 CP1
QCCR1D241619	Oracle	Patch Grid infrastructure and database does not compile invalid objects
QCCR1D237030	Oracle	DMA Compliance Report Problem
QCCR1D238365	Oracle	DMA Support for 12c Database Proactive Bundle Patches (DBBP)
QCCR1D241730	DB2	DB2 - Provision Software V2 - pre-req check failure
QCCR1D241784	DB2	DB2 - Provision Software v2 requires incorrect parameters
QCCR1D241785	DB2	DB2 - Provision Software v2 requires incorrect parameters
QCCR1D231114	Platform	DMA HTML forms should have CSRF compatability
QCCR1D240818	Automation	sqlservertools - SQLServer Authentication Fails for Domain User after upgrading to MSSQL 2016 SP
QCCR1D240725	Common	dma_upload.sh is failing with certificates algorithm error in upgrade to DMA 10.51
QCCR1D238132	Oracle	Workflow provision oracle database software incorrectly configures response file
QCCR1D237028	Oracle	Step Validate Patch Grid Infrastructure and Databases v6 causes failure

Known issues

This release has the following known issues and limitations.

ID	Component	Summary
QCCR1D242150	Platform	SA device compliance status should not interfere with DMA patching
QCCR1D244306	MSSQL	Start or Stop MS SQL Server Instance does not work
QCCR1D244410	Common	File clean up on success or failure
QCCR1D232830	DB2	DB2 Fixpack Validator commands failing when running as Non-Root User
QCCR1D234279	Promote	DMA (HA) communication with HP SA Multi mesh (primary and secondary)
QCCR1D237141	Oracle	DMA Oracle Patching having OS file permissions issues
QCCR1D238893	Oracle	Workflow Fails for AIX and linux
QCCR1D241620	Oracle	Patch Grid infrastructure and database does not compile invalid objects
QCCR1D245589	Documentation	Request for procedure to remove licenses from DMA
QCCR1D246774	Oracle	DMA fails when applying Oracle PSU Jan 2018 to CDB and nonCDB in same WF
QCCR1D247837	Oracle	DMA reports success yet didn't run datapatch

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