
HP Database and Middleware Automation Express

Release Notes

Software version: 10.30/May 2015

This document provides an overview of HP Database and Middleware Automation Express (HP DMA) for the 10.30 release. Because this is the first iteration of DMA Express, there are no Fixed Issues or Enhancement Requests included in these Release Notes.

This document contains the following important information not included in the manuals.

In This Version

[Release Highlights](#)

[Requirements](#)

[Supported Browsers for HP DMA Express](#)

[Supported HP DMA Express Target Platforms](#)

[HP DMA Express Content Packs](#)

[Support](#)

[Documentation Updates](#)

[Legal Notices](#)

[Trademark Acknowledgements](#)

In This Version

This is the first release of HP DMA Express, which enables you to run HP DMA flows in HP Operations Orchestration (HP OO). DMA Express extends HP OO capabilities, automating administrative and maintenance tasks without requiring installation of either the HP SA infrastructure, or the HP DMA Server, both of which are required in a traditional DMA environment.

Release Highlights

HP DMA Express Edition enables new product capabilities and reflects a paradigm shift: simplifying enablement of self-service cloud environments; improving time-to-value, reducing total cost of ownership, targeting common end-user database and middleware use cases. DMA Express is a significant step forward in improving seamless integration between HP Operations Orchestration (HP OO) and HP Cloud Service Automation (HP CSA) software.

Important highlights include:

- Selected DMA Express use cases run as native HP OO content, negating the need to install either an HP Server Automation (HP SA) or an HP DMA infrastructure. Simply install an HP OO infrastructure or HP CSA, and import the new DMA Express Edition Content Packs into HP OO.
 - Content seamlessly integrates with other HP OO flows to more quickly enable end-to-end processes and master flows.
 - There is no overlap between the DMA Express Database Content Pack and the HP OO Database Content Pack functionality.
- Enables HP CSA in conjunction with HP OO to seamlessly provide a database- and platform- as-a-service (DBaaS and PaaS) capability to end users, without requiring end-user expertise with database or middleware technologies.
 - Out-of-the-box CSA Service Designs for database and application server use cases simplify implementation of self-service cloud capabilities to end-users.
- Support for specific and common use cases in standalone-only environments for the following database and application server platforms:
 - Oracle. For example,
 - Provision database software
 - Provision a database
 - Deploy database code updates
 - Start or Stop a database
 - DROP a database
 - SQL Server
 - MySQL
 - WebSphere
 - WebLogic
 - JBoss
- This content is intended to augment traditional DMA practitioner estate lifecycle management capabilities to quickly get a self-service environment up and running.

Requirements

The following items are required to use DMA Express in HP Operations Orchestration:

- License for HP Operations Orchestration version 10.20 or later
- HP OO Studio and/or HP OO Central installed
- HP OO Base Content Pack (1.4.3 or later) loaded
- License for DMA Express or Database and Middleware Automation
- HP DMA Express installation media available
- Before running any DMA Express flows in HP OO Central/RAS, you must be logged in and running the service using Administrator privileges.

- Pertinent Oracle or MS SQL binaries available—depending upon which HP DMA Express flows you plan to run
 - Repositories:
 - HP DMA Express Client (DMA Runtime)
 - Software repository

You need repositories to store the HP DMA Express Client scripts and software binaries (such as database software and patches). Depending on your specific setup, repositories can be a file server or server management software. The HP DMA Express Client should not be the same as the software repository.

- Installation of Nmap for Windows target servers. Nmap, an open source tool for network exploration and security auditing, must be installed on the source machine (OO Studio/OO Central/RAS) from <http://nmap.org>.
- Recommended: A Python Integrated Development Environment (IDE) that supports Python 2.5 and later—to add customized steps and functions to the HP DMA Express Client. There are a number of commercial and open source Python IDEs available, such as PyCharm.
- Recommended: Target managed servers with the required operating systems—for additional information see HP DMA Express flows
- Recommended: A version control system

Supported Browsers for HP DMA Express

The HP DMA web UI supports the following browsers: Chrome, Firefox, and Internet Explorer 9, 10, and 11.

Supported Database Solutions

DMA Express supports the following database and middleware solutions:

- Oracle 11gR2 and 12c
- MS SQL Server Database 2012 and 2014
- My SQL 5.6, Enterprise Edition
- Oracle WebLogic Server 11g and 12c versions
- WebSphere
- JBoss

Supported HP DMA Target Platforms

HP DMA supports managed target servers that use the following operating systems:

- Linux
- Solaris
- AIX
- Windows
- HP-UX

For details regarding the operating systems and versions supported by each HP DMA Express flow, see the *HP DMA Express Support Matrix*. This document is available at the following web site:

<https://softwaresupport.hp.com/>

See [Documentation Updates](#) for information about accessing this web site.

HP DMA Express Content Packs

The HP DMA Express version 10.30 Content Packs are delivered online via a compressed (.zip) file. This file includes the following Content Packs:

Content Pack Filename	Description
DMA Express Database 10.30.jar	Includes all of the DMA Express flows for databases.
DMA Express Client 10.30.jar	Includes all of the DMA Express flows for the DMA Client (also known as DMA Runtime).
DMA Express Middleware 10.30.jar	Includes all of the DMA Express flows for middleware.
DMA Express Utilities 10.30.jar	Includes a set of utilities for use with DMA Express.

Support

You can visit the HP Software support web site at:

<https://softwaresupport.hp.com/>

This web site provides contact information and details about the products, services, and support that HP Software offers.

HP Software online software support provides customer self-solve capabilities. It provides a fast and efficient way to access interactive technical support tools needed to manage your business. As a valued support customer, you can benefit by using the support site to:

- Search for knowledge documents of interest
- Submit and track support cases and enhancement requests
- Download software patches
- Manage support contracts
- Look up HP support contacts
- Review information about available services
- Enter into discussions with other software customers
- Research and register for software training

Most of the support areas require that you register as an HP Passport user and sign in. Many also require an active support contract. To find more information about support access levels, go to the following URL:

http://h20230.www2.hp.com/new_access_levels.jsp

To register for an HP Passport ID, go to the following URL:

<http://h20229.www2.hp.com/passport-registration.html>

Or click the **New users - please register** link on the HP Passport login page.

You will also receive updated or new editions if you subscribe to the appropriate product support service. Contact your HP sales representative for details.

Documentation Updates

The first page of this release notes document contains the following identifying information:

- Version number, which indicates the software version.
- Publish date, which changes each time the document is updated.

To check for recent updates or to verify that you are using the most recent edition, visit the following URL:

<https://softwaresupport.hp.com/>

This site requires that you register for an HP Passport and sign-in. To register for an HP Passport ID, go to:

<http://h20229.www2.hp.com/passport-registration.html>

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