



OMi Management Pack for Microsoft SQL Server

Software Version: 1.01

For the Operations Manager i for Linux and Windows® operating systems

Release Notes

Document Release Date: April 2017

Software Release Date: December 2015



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OMi Management Pack for Microsoft SQL Server Release Notes

For the For the Operations Manager i for Linux and Windows® operating systems

Software version: 1.01

Publication date: April 2017

This document is an overview of the first release of OMi Management Pack for Microsoft SQL Server (OMi MP for Microsoft SQL Server). It contains important information that is not included in books or Help. You can find information about the following in this document:

["New Features in the Release 1.01" on the next page](#)

["New Features in the Release 1.00" on the next page](#)

["Installation Notes" on page 4](#)

["Known Problems and Workarounds" on page 6](#)

["Documentation Updates" on page 8](#)

["Localization and Globalization" on page 9](#)

Support Matrix

For information about the installation requirements and compatibility with other products, see the *Support Matrices for Operations Center products*. The support matrix may be updated between releases, and so is only available at the HP Support web site:

<https://softwaresupport.hpe.com/km/KM323488>

New Features in the Release 1.01

The OMi MP for Microsoft SQL Server works with the Operations Manager i (OMi) and enables you to monitor Microsoft SQL Server environment. It consists of the following components:

- Essential Management Template added to manage primary monitoring areas of Microsoft SQL Server standalone instance environments for Availability, Locks, Transaction, Space, Memory, Buffer Manager, and others along with critical infrastructure areas of CPU, Memory, and Disk.
- Out-of-the-box aspects to monitor Microsoft SQL Server areas such as Audit, Database Configuration settings, Full Text Search, Memory Management, DB Engine, HA Always On Availability Group, and HA Disaster Recovery.
- Out-of-the-box tools are added for Audit, DB Engine, Database Integrity, and HA Disaster Recovery.
- Out-of-the-box indicators are added for Long running jobs, Audit, Database Configuration settings, Full Text Search, Buffer Manager, and HA Disaster Recovery.

New Features in the Release 1.00

The OMi MP for Microsoft SQL Server works with Operations Manager i (OMi) and enables you to monitor Microsoft SQL Server environments using the Business Service Management (BSM). It contains the following features:

- Consolidated OMi Management Pack and Content Pack for Microsoft SQL Server

With this release OMi MP for Microsoft SQL Server includes Microsoft SQL Server Content Pack components. It is a single pack that contains Management Templates, Aspects, Policy Templates, Health Indicators (HIs), Event Type Indicators (ETIs), Topology Based Event Correlation (TBEC) Rules, Tools, and Graph Templates.

The Indicators - HIs, ETIs, and TBEC Rules analyze and categorize the events occurring in the databases and report the health status.

- Management Templates for the complete management of Microsoft SQL Server and its underlying infrastructure. OMi MP for Microsoft SQL Server consists of Microsoft SQL Server Aspects and Infrastructure Aspects for monitoring the availability, health, and performance of Microsoft SQL Server environments.

- Aspects comprising of policy templates for monitoring the building blocks of a Microsoft SQL Server.
- Parameterized artifacts for easy customization and deployment.
- Supports agent based and agentless monitoring (SiteScope).
- Configuration item (CI) based configuration and deployment.

Installation Notes



The following section provides information about the installation package for OMi MP for Microsoft SQL Server 1.01.

Note: You must install OMi MP for Microsoft SQL Server 1.00 from the MPDVD or e-media, before installing OMi MP for Microsoft SQL Server 1.01. The MPDVD and e-media are available for English and Non-English locale environments. You can use the appropriate installation media based on your locale requirements.

The OMi MP for Microsoft SQL Server 1.01 is available at [Unified Marketplace](#). The package contains the OMi MP for Microsoft SQL Server 1.01 update and the product documentation. In a distributed environment, it must be installed on all BSM 9.2x or OMi 10.x Data Processing Servers (DPS) and BSM 9.2x or OMi 10.x Gateway Servers (GWS).

For information about installing the OMi MP for Microsoft SQL Server, see the *OMi MP for Microsoft SQL Server Installation Guide*.

The following table provides information about the documentation available:

Document	Location	Purpose
Online Help	<p>Available in the BSM 9.2x console Help menu.</p> <p>From the BSM console, go to Help > BSM Help > Application Administration > Operations Management > OMi Management Pack for Microsoft SQL Server</p> <p>Available in the OMi 10.x console  menu.</p> <p>From the OMi console, go to  General Help > Administration Guide > Management Packs > Management Pack Documentation > OMi Management Pack for Microsoft SQL Server.</p>	<p>To provide information about the following:</p> <ul style="list-style-type: none">• Using Management Templates• Using Aspects and Policy Templates• Using Indicators - HIs, ETIs, and TBEC Rules

Document	Location	Purpose
User Guide	Unified Marketplace	
Release Notes		To provide information about the following: <ul style="list-style-type: none">• Salient Features• Installation Notes
Installation Guide		Installation instructions
Reference Guide		To provide complete information policies and corresponding events and instructions.

Note: The guides may have updated with important corrections or additional information. Download the latest versions of the guides from the HP Software Search web site at <https://softwaresupport.hpe.com>.

Known Problems and Workarounds

The reference number for each defect is the change request (QCCR) number. For more information about defects, visit [HPE Software Support Online](#), or contact your HP Support representative directly.

Title: Monitoring Automation fails to undeploy Aspects from deleted Configuration Items (CIs) if properties are resolved from these CIs (**QCCR8D30525**).

Description: Undeployment of Microsoft SQL Server Discovery Aspect removes the CIs but does not remove the assignments associated with the Microsoft SQL Server Discovery Aspect. For more information, see **QCCR8D30525** for OMi.

Workaround: Before undeploying the Microsoft SQL Server Discovery Aspect, you must ensure to delete the CI assignments associated with the Microsoft SQL Server Discovery Aspect.

Title: The License capacity is not updated under License Management for non-monitored nodes on BSM (**QCCR1A171615**).

Description: The License capacity is not updated under License Management on the BSM server when the license counts are reduced. For more information, see **QCCR1A171615** for OMi.

Workaround: To resolve this problem, apply hotfix for **QCCR1A171615**.

Title: The policy types contain syntax errors when deploying Management Templates in HP Monitoring Automation on Linux server in French locale (**QCCR1A170581**).

Description: The OMi MP for Microsoft SQL Server policies are not getting deployed to the managed node by OMi installed with OMi MP for Microsoft SQL Server for French locale. For more information, see **QCCR1A170581** for HP Operations Agent.

Workaround: To resolve this problem, apply hotfix for **QCCR1A170581**.

Title: Unable to execute tools for SQL Server CI.

Description: Tools for the SQL Server CI display error. For example: "computename\instancename". The "\" (Backslash) is treated as a special character in OMi.

Workaround: To resolve the problem, exclude the backslash character.

Steps for OMi 10.01 IP3 and OMi 10.10

1. Logon to the OMi 10.01 IP3 or OMi 10.10 Server.
2. Run the following command:

```
<BSM>\opr\support\opr-support-utils.bat -get_setting -context opr -get  
opr.tools.params.command
```

Sample output: "&|\||;|\||`|\\$(.*)|<|>"

3. Edit the output and delete the "\\|" (backslashes) from the output.

For example, change "&|\||;|\||`|\\$(.*)|<|>" to "&|\||;|`|\\$(.*)|<|>"

4. Run the following command to update the updated character set:

```
<BSM>\opr\support\opr-support-utils.bat -set_setting -context opr -set  
opr.tools.params.command "&|\||;|`|\$(.*)|<|>".
```

Alternate steps for OMi 10.10

1. Logon to OMi 10.10.
2. Navigate to **Administration > Infrastructure settings**.
3. Select **Operations Management** from **Context**.
4. Go to **Operations Management - Tool Parameters Settings**.
5. Exclude "\\|" from "Illegal Tool Parameters for Commands" value.

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The first page of this document identifies the:

- Version number for the software.
- Software release date.

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OMi MP for Microsoft SQL Server 1.01 software and documentation are available only in English locale.

OMi MP for Microsoft SQL Server 1.00 localized software in these languages:

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- German
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- Spanish
- Korean
- Russian
- Japanese

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