NetIQ Cloud Manager 2.5.1 Release Notes

February 2017

Cloud Manager 2.5 Service Pack 1 (2.5.1) resolves several issues and improves performance.

The documentation for this product is available in HTML and PDF formats at the Cloud Manager Documentation website (https://www.netiq.com/documentation/cloud-manager-2-5).

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1 Document Updates

This section identifies changes made to this document since the initial release of Cloud Manager 2.5.1 in February 2017.

1.1 October 2017

The document incorrectly referred to Cloud Manager 2.5.1 as a patch release. Cloud Manager 2.5 Patch 1 has been modified throughout to Cloud Manager 2.5 Service Pack 1 (2.5.1).

2 Version

This service pack release includes all of the files you need to update the Application Server 2.5 component of Cloud Manager to Application Server 2.5.1, and to update the Orchestration Server 3.5 component of Cloud Manager to Orchestration Server 3.5.1.

3 What’s New for Service Pack 1

Cloud Manager 2.5.1 provides the following enhancement and resolves several issues.

3.1 Support for Windows 2016

Cloud Manager 2.5.1 adds support for Microsoft Windows 2016.

3.2 Resolved Issues

Cloud Manager 2.5.1 provides fixes for the following issues:

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3.2.1 Deployed Server Has Different Values of CPU and RAM

Issue: Change requests to adjust the memory or CPUs for a specified business service were sometimes not applied. A Resync process updated the current values of the workload before the new values could be applied during a Save Configuration job. (SR 101030383971)

Fix: A change request sets a No Resync flag that prevents the workload from starting a Resync job until after the adjusted values for memory or CPUs have been applied.

3.2.2 CMOS Performance Issue with Resync

Issue: The speed of the resync process is important for snapshot creation and removal and in the reconfiguration of a VM. Observed performance is good after a CMOS restart, but it quickly degrades again. The bottleneck seems to be the time spent to make the request to vCenter because a full resync is initiated. (SR 101025634881)

Fix: When snapshot operations are performed, Cloud Manager will not initiate a full resync for the workload. The vSphereUpdater process detects that only the hard disk’s file name has changed, and updates only the file name instead of initiating a full resync.

3.2.3 CMAS CPU Utilization Is High

Issue: CMAS CPU utilization was suddenly high at 600% CPU and 100% memory and eventually went into a completely non-operational state. After a restart, CMAS CPU utilization was stable at a low CPU and 50% memory. (V1 B-103263)

Fix: Some caching in CMAS that was being done with Ehcache has been modified to use the more secure Google Guava Cache.

3.2.4 SLES 12 Hostname Is Wrong

Issue: In Orchestrator, the customization scripts edit the `/etc/HOSTNAME` file to adjust the hostname. In SUSE Linux Enterprise Server (SLES) 12, the `/etc/HOSTNAME` file has been changed to a symlink to the `/etc/hostname` file. The SLES 12 hostname is not updated. (SR 101048829681)

Fix: The customization scripts detect the symlink file (`/etc/HOSTNAME`) and edit the `/etc/hostname` file instead.

4 Files Included in This Service Pack

Cloud Manager 2.5.1 provides the `NetIQ_Cloud_Manager-2.5.1_SLE11.x86_64.iso` file that contains the updates for Support Pack 1. This media file contains the following Cloud Manager installation patterns:

Orchestration Server

Cloud Manager (Application Server and its Web Console)

Monitoring Server
Orchestration Agent
Monitoring Agent
Orchestration Console

5 Applying the Orchestration Server Service Pack

To apply Orchestration Server 3.5.1 to your Orchestration Server 3.5 server, you must perform a full upgrade installation of CMOS. For information, see "Orchestration Components Upgrade Overview" in the *Cloud Manager Installation and Upgrade Guide*.

6 Applying the Application Server Service Pack

To apply Application Server 2.5.1 to your Application Server 2.5 server, you must perform a full upgrade installation of CMAS. For information, see "Upgrading the Cloud Manager Application Server Components" in the *Cloud Manager Installation and Upgrade Guide*.

7 Known Issues

NetIQ Corporation strives to ensure our products provide quality solutions for your enterprise software needs. There are no known issues for this service pack release.

If you need assistance with specific product issues, please contact Customer Care (https://www.netiq.com/support/kb/product.php?id=Cloud_Manager).

8 Previous Releases

For documentation that accompanied earlier releases, visit the Cloud Manager Documentation website (https://www.netiq.com/documentation/cloud-manager-2-5) and scroll to *Previous Releases*.

9 Contacting Micro Focus

We want to hear your comments and suggestions about this document and the other documentation included with this product. You can use the **comment on this topic** link at the bottom of any page of the online documentation, or send an email to Documentation-Feedback@microfocus.com.

For specific product issues, contact Micro Focus Support at https://www.microfocus.com/support-and-services/.

Additional technical information or advice is available from several sources:

- Product documentation, Knowledge Base articles, and videos: https://www.microfocus.com/support-and-services/
- The Micro Focus Community pages: https://www.microfocus.com/communities/

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