NetIQ Cloud Manager 2.3 Patch 1 Release Notes

August 7, 2014

This file contains information about NetIQ Cloud Manager 2.3 Patch 1. The Application Server component of Cloud Manager (specifically, Cloud Manager Application Server 2.3) and the Orchestration Server (specifically, Cloud Manager Orchestration Server 3.3) component of Cloud Manager are affected by this patch.

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1 Issues Fixed in This Patch

The following bugs have been fixed in this patch:

- Bug 876774: *cmMobile: Unable to create workload template - error: Missing Selection.*
- Adjustments for null pointer exception in IdentityContextManager.
- Adjustments to the `ForceWorkflowCompletionCommand` command to attempt to clean up Business Service Requests and Change Requests that have no workflow.
- Enhanced workflow-related logging.
- Bug 861085 - *[FTF] NCM 2.2.0/2.2.2 Imported machine adding new NIC fails - Error No root disk found.*
- Fixed an issue with datastore search: Searching from the root directory rather than the subdirectory, which caused provisioning jobs to take a long time to complete.
- Fixed an issue with detecting a virtual machine's (VM's) VNC port configuration: Occasionally, VMware vSphere reflected an empty string `""` as the value, causing a failure when casting an empty string to an integer. The fix added a check to make sure there is a value in the extra configuration port setting for a VM before trying to cast it to an integer.
- Formerly, the contents of the `.../config`, `.../console`, and `.../plugins` directories located on the Cloud Manager Application Server were accessible with a web browser, making those folder listings visible to users. This potential security issue was resolved by making those folders forbidden to browsing.

2 Files Included in This Patch

The following files are included in Cloud Manager 2.3 Patch 1 (`NCM_2.3.0_Patch1.zip`):

* `cmos.zip` (for the Orchestration Server), which includes these files:
  * `libvsphere.pylib`
  * `vmprep.sar`
* `netiq-cloudmanager-2.3.0-179.noarch.rpm` (for the Application Server), which includes these `.jar` files:
  * `common-79.*.jar` (fixes Cloud Manager Mobile bug)
  * `cm-core-79.*.jar` (includes adjustments for null pointer exception in IdentityContextManager, for forceworkflow, and increased logging capabilities for workflow)
  * `external-79.*.jar` (fixes Cloud Manager Mobile bug)
  * `persistence-79.*.jar` (fixes Cloud Manager Mobile bug)
  * `cm-task-core-79.*.jar` (includes adjustments for null pointer exception in IdentityContextManager, for forceworkflow, and increased logging capabilities for workflow)

3 Applying the Orchestration Server Patch

3.1 Patch Installation Prerequisites

Ensure that the following prerequisites are met before you install this patch:

* Cloud Manager Orchestration Server 3.3 is installed, and is up and running.
* Extract `libvsphere.pylib` and `vmprep.sar` from `cmos.zip` (located inside the `NCM_2.3.0_Patch1.zip` patch file) and copy to an accessible directory on the Cloud Manager Orchestration Server.

3.2 Installing the Orchestration Server Patch Files

NOTE: If you see an incorrect FQDN on a workload after applying the files in this patch, you might need to rediscover the VMs.

3.2.1 Applying the `libvsphere.pylib` patch file

Use the following steps to apply the `libvsphere.pylib` patch file to the Orchestration Server:

1 Copy `libvsphere.pylib` to the following location:

`/opt/novell/zenworks/zos/server/components/pylib/libvsphere.pylib`

2 In the Explorer Tree of the Orchestration Server console, expand the *Public JDL Libraries* container, right-click the *libvsphere* object, then select *Undeploy*.

3 Right-click the *Public JDL Libraries* container, select *Deploy*, then browse to the location of the new library (see Step 1 above):

`/opt/novell/zenworks/zos/server/components/pylib/libvsphere.pylib`

3.2.2 Applying the `vmprep.sar` patch file

Use the following steps to apply the `vmprep.sar` patch file to the Orchestration Server:

1 Copy `vmprep.sar` to the following location:

`/opt/novell/zenworks/zos/server/components/jobs/vmprep.sar`

2 In the Explorer Tree of the Orchestration Server console, expand the *Jobs* container and then the *all* container, right-click the *vmprep* object, then select *Undeploy*.

3 Right-click the *all* container, select *Deploy*, then browse to the location of the new library (see Step 1 above):

`/opt/novell/zenworks/zos/server/components/jobs/vmprep.sar`

4 Applying the Application Server Patch

4.1 Patch Installation Prerequisites

Ensure that the following prerequisites are met before you install this patch:

   * Cloud Manager Application Server 2.3 is installed, and is up and running.
   * Extract the `netiq-cloudmanager-2.3.0-179.noarch.rpm` file from the patch (`NCM_2.3.0_Patch1.zip`) and copy it to an accessible directory on the Cloud Manager Application Server.

     For example: `/tmp/ncm2.3_patch/netiq-cloudmanager-2.3.0-179.noarch.rpm`

4.2 Installing the Application Server Patch

After you have copied the patch file to the server, use the following steps to install the file:

1 From the location where you copied `netiq-cloudmanager-2.3.0-179.noarch.rpm`, run the following command:

` rpm -Uvh --nodeps netiq-cloudmanager-2.3.0-179.noarch.rpm`

2 Run the Cloud Manager configuration program from the following location:

` /opt/netiq/cloudmanager/configurator/config`

3 Choose to run an upgrade for the Cloud Manager Server.

4 Verify that the `netiq-cloudmanager-2.3.0-179.noarch.rpm` file is installed.

    4a Log in to the Cloud Manager Web Console.

    4b In the Web Console, click *Help > About*.

    4c In the About box, verify the following:

           * Server version is `2.3.0` and build number is `79.0.177`

           * Web UI version is `2.3.0` dated `8/5/14`

5   Contact Information

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