NetApp DFM Upgrade: 6.3 🡪 7.1P1

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**Synopsis**

This document is details the process for upgrading DFM to the latest release supported in TR at this time..

**Document Version**

V0.5

**Contributors:**

**Document Status**

Distributable (Draft)

**Internal/External Use**

Internal and NetApp Engineering only

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## Introduction

The following plan is designed to support the upgrade of OCUM/OPM to 7.1.

## Objectives

The objectives are as follows:

* A successful upgrade to version 7.1 of both products.

## References

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No.** | **Document** | **URL** | **Date** | **Author** |
|  | OnCommand Unified Manager 7.1 Release Notes | <https://library.netapp.com/ecm/ecm_get_file/ECMLP2553759> | N/A | NetApp |
|  | OPM 7.1 Release Notes | <https://library.netapp.com/ecm/ecm_get_file/ECMLP2549576> | N/A | NetApp |
|  | TR Network Services | <https://thehub.thomsonreuters.com/docs/DOC-1602151> | N/A | TR |

## Change Log

|  |  |  |  |
| --- | --- | --- | --- |
| **Date** | **Contributor** | **Version** | **Explanation** |
| 2017-03-16 | Ian Daniel | 0.1 | Initial draft |
| 2017-03-20 | Ian Daniel | 0.2 | Added Full Integration configuration steps and notes on AD setup. |
| 2017-04-04 | Ian Daniel | 0.3 | Updated everything to upgrade to 7.1P1 |
| 2017-04-24 | Ian Daniel | 0.4 | Modified AD settings to compensate for issues with SSSD Linux authentication breaking AD authentication of U accounts. |
| 2017-04-25 | Ian Daniel | 0.5 | Added steps to recover VM from NetApp Snapshot |
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## Pre-requisites

* There must be enough room on the /var/tmp filesystem to support the upgrade (minimum 2.5GB free).
* **Prior to upgrading OCUM/OPM please raise an IM with Virtual Support and get a snapshot created (VMWare SnapShot). This will be used to roll back quickly in the event of issues with OCUM/OPM or automation. If that is not possible a NetApp snapshot will suffice.**

## NetApp DFM Release Download Location

OCUM 7.1 can be found here:

<http://mysupport.netapp.com/NOW/download/software/oncommand_cdot_lin/7.1P1>

OPM 7.1 can be found here:

<http://mysupport.netapp.com/NOW/download/software/oncommand_pm_linux/7.1P1>

## OCUM Bugs Fixed

The following table details tracked bugs fixed in this release of OCUM

|  |  |  |
| --- | --- | --- |
| **Bug ID** | **Resolution** | **Fixed in release** |
| 983492 | The Unified Manager um backup restore command fails because of incompatibility with non-US date formats. | 7.1 GA |
| 964559 | When installing Unified Manager 6.3 in a Red Hat Enterprise Linux system, if the home directory partition is on a shared storage, then the product experiences some issues. | 7.1 GA |
| 918564 | Volume and aggregate reports do not work when Unified Manager is installed on Red Hat Enterprise Linux 7.0 or greater systems. | 7.1 GA |
| 930619 | The OpenSSH vulnerability in Unified Manager tracked by CVE-2015-5600 has been addressed. | 7.1 GA |
| 1031998 | Unified Manager backups fail when trying to backup to the NFS mount with unrestricted privileges. | 7.1 GA |
| 1043345 | The Unified Manager RP process crashes while redirecting http to https when the host parameter is missing in the header. | 7.1 GA |
| 1044221 | The issue of MySQL vulnerability in Unified Manager that are tracked by CVE-2016-6304,CVE-2016-6662,CVE-2016-5617,CVE-2016-5616,CV E-2016-5625,CVE-2016-5609,CVE-2016-5612,CVE-2016-5624,CVE-2 016-5626,CVE-2016-5627,CVE-2016-3492,CVE-2016-7440,CVE-2016- 5628,CVE-2016-5629,CVE-2016-3495,CVE-2016-5630,CVE-2016-550 7,CVE-2016-5631,CVE-2016-5632,CVE-2016-5633,CVE-2016-5634,C VE-2016-5635,CVE-2016-8289,CVE-2016-8287,CVE-2016-8290,CVE- 2016-5584,CVE-2016-8283,CVE-2016-8288,CVE-2016-8286, and CVE-2016-8284 is addressed. | 7.1 GA |
| 1044245 | The issue of Java SE vulnerability in Unified Manager that are tracked by CVE-2016-5556,CVE-2016-5568,CVE-2016-5582,CVE-2016-5573,CV E-2016-5597,CVE-2016-5554, and CVE-2016-5542 is addressed. | 7.1 GA |
| 1044959 | The kernel local privilege escalation vulnerability (Dirty COW) in Unified Manager tracked by CVE-2016-5195 has been addressed. | 7.1 GA |
| 1024948 | The rsyslog service fails to start on both Unified Manager and Performance Manager. | 7.1 GA |
| 1028493 | While the MetroCluster primary site switches over to secondary site, the volumes are shown in the secondary cluster. But when the MetroCluster secondary cluster switches back to the primary site, the volumes are shown for both clusters. These volumes should not be seen in secondary site any more. | 7.1 GA |
| 1028835 | Upgrade to Unified Manager 7.0RC1 fails on Windows if the Java version is higher than 1.8.0.92 and the MySQL version is higher than 5.6.28. | 7.1 GA |
| 1023504 | SSH server block cipher algorithms (CBC) enabled in Unified Manager for ONTAP, which is tracked by CVE-2008-5161, has been addressed. | 7.1 GA |
| 1022530 | MetroCluster configuration manual logging override needs to be made a default action in Unified Manager. | 7.1 GA |
| 1004055 | Unified Manager fails when attempting to discover a cluster and writes a LUN UUID error in the logs. | 7.1 GA |
| 1000798 | The Browse Directories dialog box in Unified Manager does not show all available volumes for restore. | 7.1 GA |
| 1055671 | disk-physical-summary-get API fails while collecting data for solid state drives (SSDs). | 7.1 GA |
| 1037897 | Version string needs to be modified for an upgrade from Unified Manager 6.4RC1 to 7.1. | 7.1 GA |
| 1026115 | Upgrade to Unified Manager on a VMware platform fails with the “ISO Mount failed” message. | 7.1 GA |
| 972395 | Command prompts are displayed for the MySQL upgrade in Windows servers. | 7.1 GA |
| 1038057 | When Unified Manager is installed on Windows, the backup and restore feature might have issues. | 7.1 GA |
| 1057411 | Windows Unified Manager upgrade from 6.4 to 7.0 is not updating Application Java registry key and Java home path under environmental variables. | 7.1 GA |
| 1029456 | Facing deployment errors post upgrade to Unified Manager 7.0. | 7.1 RC1 |
| 1010281 | Unified Manager is not sending Simple Network Management Protocol (SNMP) traps for events with the source type “Storage Shelf ”. | 7.1 RC1 |
| 972395 | After installing Unified Manager on a Windows server, the command prompt displays messages related to MySQL upgrade because MySQL adds this cron job. You must ignore these messages that are displayed in the command prompt. | 7.1 RC1 |
| 887318 | When you add a cluster to Unified Manager, the following error message appears in the log files: com.netapp.oci.platform.originator.key.KeyCacheExcepti on. This issue occurs when a snap\_mirror entry is deleted, but the related snap\_mirror\_history entry is still active and cannot be deleted. This issue can be resolved by restarting the Unified Manager services. | 7.1 RC1 |
| 1022505 | The security vulnerabilities in Network Time Protocol Daemon (NTPD) that are tracked by CVE-2016-4953,CVE-2016-4954,CVE-2016-4955,CVE-2016-4956, and CVE-2016-4957 have been addressed. | 7.1 RC1 |
| 1004052 | While navigating to Performance Manager using Unified Manager 6.4 in Internet Explorer 11, an empty page is displayed without any links to either Unified Manager or Performance Manager. This issue occurs only when Performance Manager cluster discovery is not complete. | 7.0 GA |
| 1004050 | Performance Manager data is not displayed in Unified Manager 6.4 while using Internet Explorer 11. | 7.0 GA |
| 1002718 | After the installation of Unified Manager, the Cluster Add dialog box can be seen in the dashboard. However, if you navigate to another screen and return to the dashboard, the Cluster Add dialog box does not appear. | 7.0 GA |
| 1022433, 1022436, 1022789, 1022393, 1022398, 1022406, 1022790, 1022791, and 1022793 | The node.js- vulnerabilities that are tracked by CVE-2016-2537, CVE-2015-8854, CVE-2015-8861, CVE-2015-8859, CVE-2015-8855, CVE-2015-8315, CVE-2016-4055, CVE-2015-8862, and CVE-2015-8856 have been addressed. | 7.0 GA |
| 1013869 | Unified Manager 6.3 sends SNMP traps with the variables in wrong order when compared to Management Information Base (MIB). | 7.0 GA |
| 998824 | On Red Hat Enterprise Linux systems, upgrading to Unified Manager 7.0RC1 is possible only from Unified Manager 6.4GA. Beginning with the Unified Manager 7.0GA, you can upgrade from Unified Manager 6.3P3 as well. | 7.0 GA |
| 1027617 | Reverse Proxy service goes down sporadically with the following error message: Can't set headers after they are sent. | 7.0 GA |
| 1015856 | Navigation to the Health link from the Cluster dashboard does not work after upgrading to Unified Manager 7.0. | 7.0 GA |
| 1009915 | If an aggregate in a cluster has no RAID group name, the cluster cannot be monitored by Unified Manager. | 7.0 RC1 |
| 992820 | Erroneous “Cluster not reachable” events are seen when Unified Manager has not received a heartbeat message from Performance Manager after a few minutes. This issue has been fixed, and these messages now appear only if the two servers cannot communicate after 20 minutes. | 7.0 RC1 |
| 996660 | You can upgrade the Unified Manager database schema by running the upgrade.sh script. | 6.4 GA |
| 998464 | Unified Manager displays the out of range SQL exception for rawBytesTotalSum in cluster history table error message for storage summary reports. | 6.4 GA |
| 979942 | If you install Unified Manager on a Windows 2012 server that is configured with either IPv4 and IPv6 addresses or only an IPv6 address, and if you then set both Global-IPv6 address and Link-local IPv6 address as the “preferred” addresses, the installation is successful. However, a subsequent cluster add operation fails with the error message Cluster add failed. An internal error has occurred. Contact technical support. | 6.4 GA |
| 994868 | The Unified Manager certificate can be viewed by using the HTTPS options in the UI, but downloading the file results in the following error: keytool error: java.lang.Exception: Illegal item in SAN. | 6.4 GA |
| 992582 | On Red Hat Enterprise Linux 6.6 and 6.7 servers, the installation of Unified Manager 6.4 using yum install netapp-ocum-6.4RC1- x86\_64.rpm fails with the message that rrdtool version >=1.4.3 is required. | 6.4 GA |
| 987818 | The glibc vulnerability in Unified Manager 6.x has been addressed (CVE-2015-7547). | 6.4 GA |
| 982213 | Clicking on a Performance Manager event prompts the user to log in using the credentials for Unified Manager. | 6.4 GA |
| 999475 | The Unified Manager Windows installer allows different administrative users to upgrade from Unified Manager 6.4 to higher versions of Unified Manager. | 6.4 GA |

## OCUM 7.1P1 Bugs Fixed

|  |  |  |
| --- | --- | --- |
| **Bug ID** | **Resolution** | **Fixed in release** |
| 1058468 | Pairing of Unified Manager 7.1 and OnCommand Workflow Automation 4.1 RC1 fails with the “failed to save thresholds” error. | 7.1P1 |
| 1055688 | JMX remote is available without authentication in OnCommand Unified Manager for ONTAP. | 7.1P1 |
| 1060906 | MySQL software is updated to version 5.6.35 to address known security vulnerabilities. | 7.1P1 |
| 1060698 | JRE software is updated to version 1.8.0.121 to address known security vulnerabilities. | 7.1P1 |

## OPM Bugs Fixed

The following table details tracked bugs fixed in this release of OPM

|  |  |  |
| --- | --- | --- |
| **Bug ID** | **Resolution** | **Fixed in release** |
| 1058356 | Performance Manager shows 1000x actual latency in the Top 10 Nodes latency chart. | 7.1 GA |
| 1020443 | When using Performance Manager on Red Hat Enterprise Linux (RHEL), seeing messages about unrecognized port options in the cron log has been addressed. | 7.1 GA |
| 1036374 | If there is more than one network interface available on the Unified Manager server, Performance Manager selects a random one to integrate with Unified Manager. The integration fails if Unified Manager is not reachable through the selected interface. This issue is resolved. | 7.1 GA |
| 1038868 | OnCommand Performance Manager key-cache exception on node table. This issue is resolved. | 7.1 GA |
| 1042094 | Sometimes Performance Manager does not collect performance data from all nodes after upgrading to version 7.0. | 7.1 GA |
| 1044220 | MySQL vulnerabilities in OnCommand Performance Manager(Unified Manager Performance Pkg) that are tracked by CVE-2016-6304,CVE-2016-6662,CVE-2016-5617,CVE-2016-5 616,CVE-2016-5625,CVE-2016-5609,CVE-2016-5612,CVE-20 16-5624,CVE-2016-5626,CVE-2016-5627,CVE-2016-3492,CV E-2016-7440,CVE-2016-5628,CVE-2016-5629,CVE-2016-349 5,CVE-2016-5630,CVE-2016-5507,CVE-2016-5631,CVE-2016 -5632,CVE-2016-5633,CVE-2016-5634,CVE-2016-5635,CVE- 2016-8289,CVE-2016-8287,CVE-2016-8290,CVE-2016-5584, CVE-2016-8283,CVE-2016-8288,CVE-2016-8286, and CVE-2016-8284 have been addressed. | 7.1 GA |
| 1044242 | Java platform standard edition vulnerabilities in OnCommand Performance Manager (Unified Manager Performance Pkg) that are tracked by CVE-2016-5556,CVE-2016-5568,CVE-2016-5582,CVE-2016-5 573,CVE-2016-5597,CVE-2016-5554, and CVE-2016-5542 have been addressed. | 7.1 GA |
| 1044958 | The kernel local privilege escalation (Dirty COW) vulnerability in OnCommand Performance Manager (Unified Manager Performance Pkg), CVE-2016-5195, has been addressed. | 7.1 GA |
| 930620 | The OpenSSH vulnerability in OnCommand Performance Manager (Unified Manager Performance Pkg), CVE-2015-5600, has been addressed. | 7.1 GA |
| 1054015 | Performance Manager does not generate performance capacity counters in some special scenarios. | 7.1 GA |
| 1032346 | In Performance Manager, filtering does not reset for the following views:  1. On the Aggregate landing page, after the filter is set, if you change the view-compare relation to “aggreagtes on same cluster” or “aggregates on same node”.  2. On the LIF landing page, after the filter is set, if you change the view-compare relation to “LIFs on same port” or “LIFs on same SVM”. | 7.1 RC1 |
| 1031072 | You are able to integrate Performance Manager with Unified Manager on a Red Hat Enterprise Linux system when using a custom user home directory | 7.0 GA |
| 1014696 | In Performance Manager, when you select Clusters, Nodes, or Aggregates Inventory page from the Storage drop-down list to fetch data, an error occurs. | 7.0 GA |
| 1028529 | The 'Help me do this' links on the Dynamic Threshold Event page do not work when Performance Manager is fully integrated with Unified Manager. | 7.0 GA |
| 1025907 | No event is sent to Unified Manager if the Export checkbox is not selected.  Workaround:To avoid this issue, check all the “Export these events to OnCommand Unified Manager” checkboxes. | 7.0 GA |
| 1015636 | RAID-TEC aggregates are not recognized in Performance Manager. | 7.0 GA |
| 1013060 | There is a discrepancy between IOPS and IOPS (Advanced) for aggregate charts. | 7.0 GA |
| 1023287 | In Performance Manager, the Event Handling page does not list admin users and also does not allow admin users to enable or disable the email alerts option. | 7.0 GA |
| 1015185 | IOPS or MBps might return an extremely high performance number when an aggregate or object moves from one node to the other node. | 7.0 GA |
| 840998 | When running the VMware version of Performance Manager, if you change the name of the host in the Configure Network Settings dialog box, and the new host name is invalid or contains special characters (such as “.”), no error message is displayed, and email alerts stop being sent for new events. | 7.0 RC1 |
| 1007150 | When using Performance Manager, there is a rare situation when the timestamps from two consecutive collection periods are the same. When this issue occurs, performance data cannot be collected from that cluster. The logs include the message “Archive poll start time” value same as “Previous archive poll start time”. | 7.0 RC1 |
| 1005607 | The network boot scripts expect that a ping of the configured addresses is successful. If the validation of those addresses fails, the user is prompted for the network configuration at each reboot. This information should continue to be collected in logs, but should not required reentering network settings. | 7.0 RC1 |
| 976023 | Continuous volume dynamic events were displayed as a single data point in charts on the Volume Landing page Details tab. The detailed description in the Events List panel showed each occurrence of the event. This issue has been fixed to show only a single occurrence. | 7.0 RC1 |
| 972519 | The Unified Manager Event Publisher user name and password were not verified when making a full integration connection to a Unified Manager server from the Performance Manager maintenance console. An incorrect value would cause performance events to not display in the Unified Manager UI. This issue has been fixed. | 7.0 RC1 |
| 971815 | When upgrading Performance Manager on VMware vSphere, if you are required to re-add the CD-ROM and you do not configure it correctly, the VM does not recognize the upgrade ISO file and returns an error message. This issue has been fixed. | 7.0 RC1 |
| 949111 | Performance charts for both nodes in an HA pair contained no data while one node was down. This issue has been fixed, and statistics from the active node are displayed. | 7.0 RC1 |
| 937064 | Performance Manager will log you out of your GUI session after four hours of inactivity. When you click on a page to resume the session, you might see a blank page, or messages such as “Error Fetching” or “Error fetching previous configuration”. This issue has been fixed. | 7.0 RC1 |
| 914895 | When a cluster or all clusters are deleted from Performance Manager using the Manage Data Sources page, performance data for those clusters can be viewed in the GUI until Performance Manager performs the next cluster inventory poll (typically within 10 to 15 minutes). This issue has been fixed so that all performance data is deleted when the cluster is deleted. | 7.0 RC1 |
| 914259 | When viewing the performance counter charts at the top of the Volume Landing page, a newly added volume displays a blue line along the x axis (with a value of “0”) prior to the volume being created on the cluster. This issue has been fixed. | 7.0 RC1 |
| 908024 | When viewed using Mozilla Firefox, cluster objects with very long names might cause the Performance Explorer charts to expand past the right edge of the browser window. This issue has been fixed. | 7.0 RC1 |
| 892438 | When adding a new cluster or a new user in the Add Cluster or Add User dialog box, the user name and password from the previously added cluster or user appear prefilled in the User Name and Password fields. This issue has been fixed. | 7.0 RC1 |
| 888419 | When Performance Manager is managing a large number of clusters and storage objects, there might be a delay in loading performance counter values on some of the pages in the UI. Additionally, some of the object inventory pages, typically for volumes or LUNs, might display average counter information that is older than the previous 72 hour period. This issue has been fixed. | 7.0 RC1 |
| 1007030 | Modifying or disabling the partial integration connection with Unified Manager returns an error message. | 2.1 P2 |
| 1010900 | A build inconsistency in the Performance Manager 2.1GA installation .ova package for VMware vSphere resulted in a failure to apply security patches for the appliance's operating system. This issue impacted only new installations of Performance Manager 2.1 that used the .ova image. The Performance Manager 2.1P1 release corrects this issue.  There are two ways you can correct this issue if you deployed Performance Manager 2.1GA using the OnCommandPerformanceManager-netapp-2.1.0.ova file:  Uninstall the virtual appliance and install a new appliance using the OnCommandPerformanceManager- netapp-2.1.0P1.ova file.  Update the virtual appliance using the OnCommandPerformanceManager-2.1.0P1-virtual- update.iso file. | 2.1 P1 |
| 1004757 | After installing the Performance Manager 2.0.0 P3 patch release, you could not upgrade to the Performance Manager 2.1 RC1 release. There is no issue in updating to the Performance Manager 2.1 GA release from Performance Manager 2.0.0 P3. | 2.1 GA |
| 998685 | Because of a collection issue that can occur infrequently, no data was gathered for some nodes, which led to gaps in the node charts. This issue has been fixed. | 2.1 GA |
| 998116 | When using the Performance Manager 2.1 RC1 software, performance monitoring fails when nodes that are installed with ONTAP 8.3 or later software are added to or deleted from a cluster. Monitoring stops when a node goes online or offline as well. This issue has been fixed. | 2.1 GA |
| 995830 | Performance Manager might log a Null Pointer Exception with information about “NetappNodeMetrics.getNodeLatency” when failing to collect CIFS performance data from a node. This issue has been fixed. | 2.1 GA |
| 989726 | When Performance Manager is configured to send performance data to an external Graphite server, Graphite logs can fill the root filesystem. This can cause issues with collecting performance data from clusters and with upgrades. This issue has been fixed. | 2.1 GA |
| 988371 | When VMware Tools 10.x is installed, the Performance Manager installation fails because it cannot write the network configuration settings. This issue has been fixed. | 2.1 GA |
| 987817 | This release has been updated to resolve the GNU C Library (glibc) security vulnerability CVE-2015-7547. | 2.1 GA |
| 986534 | Unified Manager would display duplicate events from Performance Manager after upgrading both products, disabling the legacy partial-integration connection, and then enabling the new full-integration connection. This issue has been fixed. | 2.1 GA |
| 985855 | One of the performance metrics that is used in the node utilization calculation was being weighted incorrectly, and could, at times, cause node utilization to appear lower than the actual value. This issue could also cause node utilization to jump to 100% when the node was not fully utilized. This issue has been fixed. | 2.1 GA |
| 984934 | When performing an upgrade from Performance Manager version 1.1, the following types of messages might be captured in the logs: Failed to find IGroup <igroup\_name> for PortSet <portset\_name>. This issue has been fixed. | 2.1 GA |
| 983843 | When attempting to add more than the maximum of 20 objects to the Favorites dashboard, you receive an incorrect error message. This issue has been fixed. | 2.1 GA |
| 981090 | When upgrading from Performance Manager 1.1 to Performance Manager 2.1 RC1 on the Red Hat Enterprise Linux platform, an intermittent issue might cause the following error to be displayed after six hours and make it appear that the upgrade failed: Failed to start NetApp OnCommand Insight Essentials Server Service. This issue has been fixed. | 2.1 GA |
| 978943 | When Performance Manager is installed on a VMware vSphere system, if the rootfs partition runs out of space, Performance Manager does not collect new performance data, and cannot generate support bundles. This issue has been fixed. | 2.1 GA |
| 976009 | When adding new clusters to Performance Manager from the Unified Manager interface, the status “Poll failed” is displayed for 15 to 25 minutes in the Performance: field until the initial cluster inventory and performance data collection is complete. This issue has been fixed, and the message “Stand-by” is displayed until data collection is complete. | 2.1 GA |
| 970631 | Performance Manager might display abnormally high spikes of IOPS data (millions of IOPS) in the Volume IOPS and SVM IOPS charts. This issue has been fixed. | 2.1 GA |
| 965843 | After expanding the Performance Manager installation bundle (OnCommandPerformanceManager-2.1.0.zip), the upgrade.sh and pre\_install\_check.sh scripts are not executable without first changing the file permissions. This issue has been fixed. | 2.1 GA |
| 960631 | Performance Manager collects current performance data from clusters every five minutes. If a cluster does not finish writing a new archive file for the next five-minute interval, Performance Manager receives the file from the previous collection. Because Performance Manager has already processed that file, it will discard the data, and there will be a gap in the performance charts. Now, Performance Manager will contact the cluster again to collect new data if it determines that the cluster returned data from the previous collection period. | 2.1 GA |
| 956554 | A single cluster was seen twice in the Cluster Inventory page; one entry has the correct performance data, and the other entry has “N/A”. Additionally, the cluster is not listed in the Administration > Data Sources page. This issue has been fixed. | 2.1 GA |
| 952588 | This release has been updated to resolve the OpenSSH security vulnerabilities CVE-2015-6564 and CVE-2015-6565. | 2.1 GA |
| 922948 | Unified Manager generates too many warning and critical events when it does not receive events from Performance Manager in a timely fashion. This issue has been fixed by increasing the number of minutes that must pass before warning and critical events are generated. | 2.1 GA |
| 978123 | Performance Manager was not starting properly, and was stuck at the following message while booting: Starting NetApp Oncommand Insight Essentials Server Service ocie. This issue has been fixed. | 2.1 RC1 |
| 973256 | The node latency counter values for nodes that are installed with ONTAP 8.3.1 or later software are now displayed correctly. In earlier Performance Manager releases, the node latency values that were displayed in the UI were larger by three decimal positions. For example, the node latency appears as 3,100 ms/op when it is really 3.1 ms/op. | 2.1 RC1 |
| 973086 | Ports in full duplex mode were reporting a utilization value greater than 100% in Performance Manager charts. This issue has been fixed. | 2.1 RC1 |
| 970068 | During an upgrade from Performance Manager 2.0 on a Red Hat Enterprise Linux system, the upgrade script verifies that no processes are running for the Admin user. In the past, these running processes could cause a problem where the Admin user could not use SSH to access the system after the upgrade. | 2.1 RC1 |
| 961802 | If the value of the user\_write\_latency attribute is zero for all the disks that are associated with an aggregate, then a Performance Manager collection error is displayed on the dashboard, and errors are written to the au.log file. This issue has been fixed. | 2.1 RC1 |
| 956992 | After upgrading Data ONTAP from 8.2.x to 8.3.x, historical data prior to the upgrade is now shown in the Performance Manager performance explorer and object landing page charts. | 2.1 RC1 |
| 1022711 | The security vulnerabilities in the MySQL server component that are tracked by CVE-2016-3477,CVE-2016-3440,CVE-2016-2105,CVE-2016-3 471,CVE-2016-3486,CVE-2016-3501,CVE-2016-3518,CVE-20 16-3521,CVE-2016-3588,CVE-2016-3615,CVE-2016-3614,CV E-2016-5436,CVE-2016-3459,CVE-2016-5437,CVE-2016-342 4,CVE-2016-5439,CVE-2016-5440,CVE-2016-5441,CVE-2016 -5442,CVE-2016-5443,CVE-2016-5444, and CVE-2016-3452 have been addressed. | 2.0 P4 |
| 1022464 | The security vulnerabilities in Java SE (JDK and JRE) and OpenJDK that are tracked by CVE-2016-3587,CVE-2016-3606,CVE-2016-3598,CVE-2016-3 610,CVE-2016-3552,CVE-2016-3511,CVE-2016-3503,CVE-20 16-3498,CVE-2016-3500,CVE-2016-3508,CVE-2016-3458,CV E-2016-3550, and CVE-2016-3485 have been addressed. | 2.0P4 |

## OPM 7.1P1 Bugs Fixed

|  |  |  |
| --- | --- | --- |
| **Bug ID** | **Resolution** | **Fixed in release** |
| 1066541 | Performance option to export events to Unified Manager as a specific severity is missing. | 7.1P1 |
| 1066552 | In some instances, Performance Capacity metrics are not available in Performance Manager in 7.0 and 7.1 after a cluster is upgraded from ONTAP 8.3.x to the ONTAP 9 or 9.1 release. | 7.1P1 |
| 1060905 | This release updates MySQL software to version 5.6.35 to address known security vulnerabilities. | 7.1P1 |
| 1060695 | This release updates JRE software to version 1.8.0.121 to address known security vulnerabilities. | 7.1P1 |

# Initial Configuration

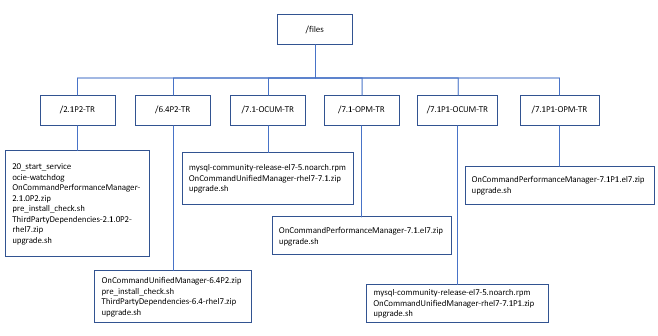
The upgrade process requires you to first upgrade to OCUM6.4P2 and OPM2.1P2. Once that is complete you can upgrade to OCUM/OPM 7.1P1. The upgrade script will implement all of this for you.

## Repository Configuration

The repository where you’ll download all of the packages and scripts from needs to be configured. It can be on a 7-Mode DFM server if you have one with space or you can create a virtual server on a grafana server as follows, if you have one with space (OCUM 6 and OCUM 7 provide no web service so this may be a good time to set one up).

### Directory Structure

The repository has the following structure which the script uses so if you modify the directory structure you need to modify the script environment variables.



### Apache Virtual Host File

The virtual host file below can be used to create a service providing files via wget on port 8080 similar to the old 7-Mode functionality. The file is installed into /etc/httpd/conf.d once installed restart httpd. Files are stored in /opt/netapp-files/files.

Listen 8080

<VirtualHost \*:8080>

ServerName netapp-filestore

DocumentRoot /opt/netapp-files/files

ErrorLog /opt/netapp-files/log/error.log

CustomLog /opt/netapp-files/log/access.log combined

<Directory "/opt/netapp-files/files">

Order allow,deny

Allow from all

# New directive needed in Apache 2.4.3:

Require all granted

</Directory>

</VirtualHost>

## Initial Script Setup Tasks

### Download Script To The Server To Be Upgraded

On the server to be upgraded cd /var/tmp and then get the script from your chosen server using wget,.from your upgrade repository.

orf-opm-03:/var/tmp # wget http://10.220.179.83:8080/upgrade-to-7.1P1

--2017-04-04 06:57:00-- http://10.220.179.83:8080/upgrade-to-7.1P1

Connecting to 10.220.179.83:8080... connected.

HTTP request sent, awaiting response... 200 OK

Length: 10595 (10K) [text/plain]

Saving to: âupgrade-to-7.1P1â

100%[======================================>] 10,595 --.-K/s in 0s

2017-04-04 06:57:00 (120 MB/s) - âupgrade-to-7.1P1â saved [10595/10595]

### Make Script Executable

orf-opm-03:/var/tmp # chmod 755 upgrade-to-7.1P1

### Modify Server.

Prior to running the script you need to ensure that a server has the upgrade files available in and that the server is configured in the script.

# Set the HTTP Server IP and port to your distribution webserver.

#

HTTP\_SERVER=10.220.179.83:8080

You only need to do this once provided the server you use is accessible to all the other upgrade targets.

### Modify Proxy

Part of the 7.1P1 upgrade uses a MySQL repository and this will need a proxy server configured in order to access it. This is set at the top of the script if you need to modify it.

#

# We need to install various RPMs for 7.1P1 and MySQL

# So have to set a proxy to enable access

#

export http\_proxy=http://webproxy.int.westgroup.com:80

Proxies are site specific so this may need to be modified for a given region i.e. DTC, Eagan etc. and also possibly for CIS/CPS. It’s recommended to look at this document:

<https://thehub.thomsonreuters.com/docs/DOC-1602151>

# Pre-Upgrade

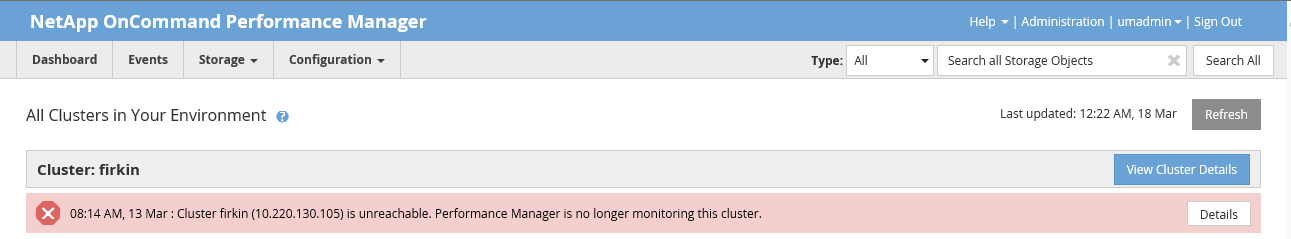
The upgrade process requires you to first upgrade to OCUM6.4P2 and OPM2.1P2. Once that is complete you can upgrade to OCUM/OPM 7.1P1. The upgrade script will implement all of this for you.

## OPM/OCUM Issues

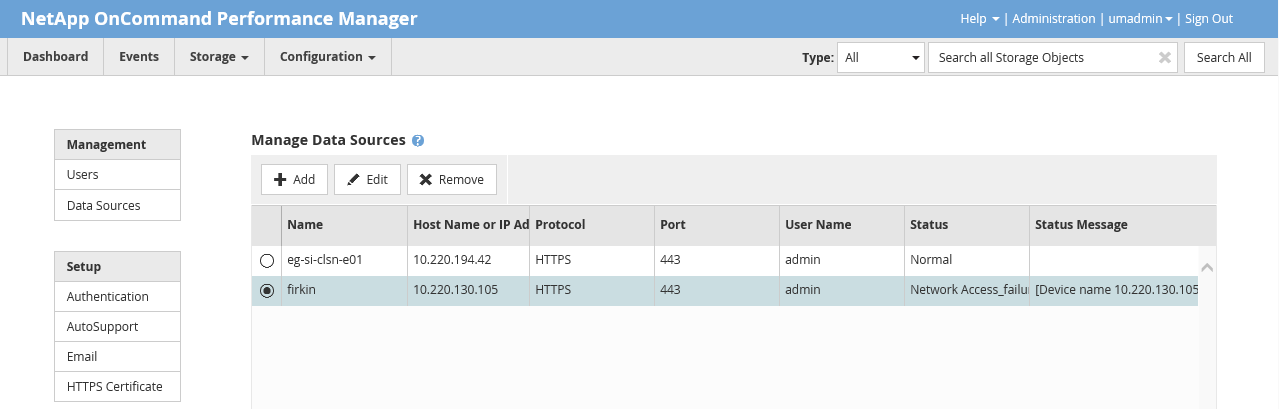
The tasks in this section are to be carried out prior to running the automated upgrade script.

### Ensure OPM Is Functioning Correctly.

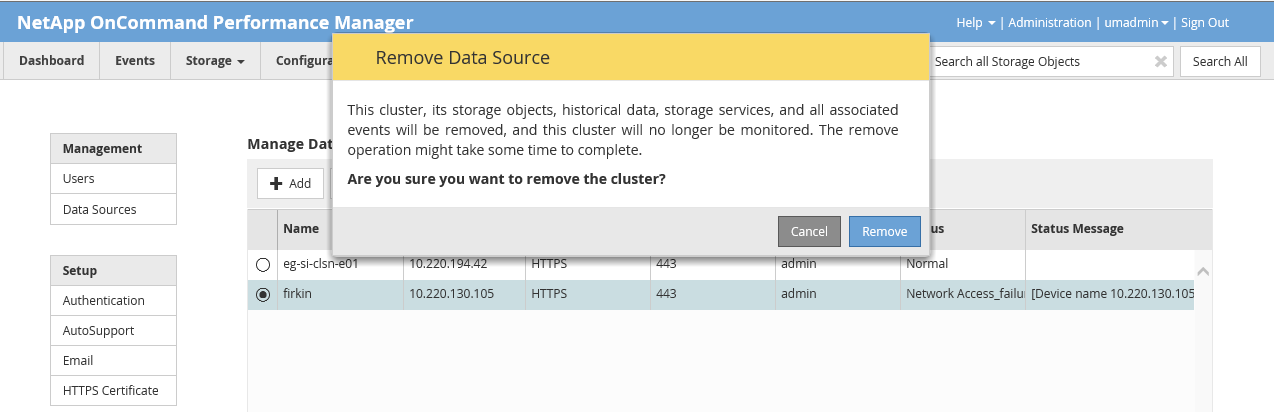
Prior to upgrading OPM 2.0 please login via a web browser and ensure it is functioning as expected. If there is a problem with it prior to upgrade the upgrade may not succeed. One issue that needs to be rectified pre-upgrade is hosts that are showing as uncontactable. These can cause the upgrade process to hang on restart. There is a workaround coded into the upgrade scripts but it’s better to fix these up front by removing them. They show up in the GUI like the example below.



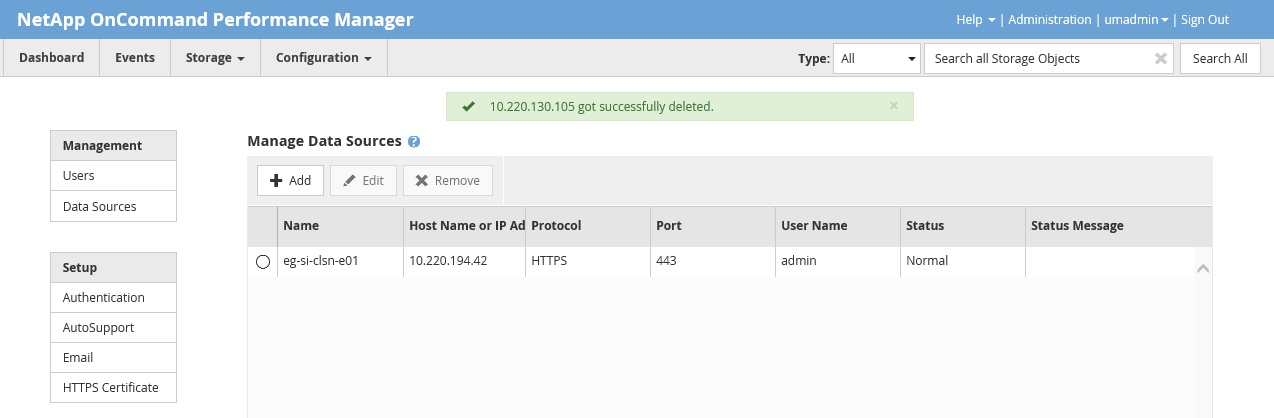
To remove them select Details and then select the entry that has the issue.



Press Remove and then confirm by pressing Remove in the pop-up.



After a brief pause the item is removed and you will see the following confirmation if it was successful.



### Take A Snapshot Of The OCUM/OPM VM In VC or on the NetApp Datastore

This provides for a fast and easy rollback should unforeseen issues occur. This rollback method is what was used in SI and works for both OCUM and OPM.

# Upgrade

## Upgrade OCUM 6.3 🡪 7.1P1

orf-opm-02:/var/tmp # ./upgrade-to-7.1P1

Checking /var/tmp filesystem space

It is recommended to ensure you take a snapshot of the OCUM/OPM VM prior to upgrade

Press enter to continue

This is a DFM server running 6.3, proceeding with interim upgrade to 6.4P2

Getting package: OnCommandUnifiedManager-6.4P2.zip

--2017-04-04 08:21:54-- http://10.220.179.83:8080/6.4P2-TR/OnCommandUnifiedManager-6.4P2.zip

Resolving webproxy.int.westgroup.com (webproxy.int.westgroup.com)... 163.231.226.49

Connecting to webproxy.int.westgroup.com (webproxy.int.westgroup.com)|163.231.226.49|:80... connected.

Proxy request sent, awaiting response... 200 OK

Length: 645144993 (615M) [application/zip]

Saving to: âOnCommandUnifiedManager-6.4P2.zipâ

100%[===================================================================================================>] 645,144,993 43.0MB/s in 13s

2017-04-04 08:22:07 (47.8 MB/s) - âOnCommandUnifiedManager-6.4P2.zipâ saved [645144993/645144993]

Extracting package

Archive: OnCommandUnifiedManager-6.4P2.zip

inflating: netapp-ocum-6.4P2-x86\_64.rpm

inflating: node.x86\_64.rpm

inflating: ocie-au-1.3.0-2016.09.2066.x86\_64.rpm

inflating: ocie-server-1.3.0-2016.09.2066.x86\_64.rpm

inflating: ocie-serverbase-1.3.0-2016.09.2066.x86\_64.rpm

inflating: rp.x86\_64.rpm

inflating: pre\_install\_check.sh

inflating: upgrade.sh

Getting package: ThirdPartyDependencies-6.4-rhel7.zip

--2017-04-04 08:22:14-- http://10.220.179.83:8080/6.4P2-TR/ThirdPartyDependencies-6.4-rhel7.zip

Resolving webproxy.int.westgroup.com (webproxy.int.westgroup.com)... 163.231.226.49

Connecting to webproxy.int.westgroup.com (webproxy.int.westgroup.com)|163.231.226.49|:80... connected.

Proxy request sent, awaiting response... 200 OK

Length: 84253673 (80M) [application/zip]

Saving to: âThirdPartyDependencies-6.4-rhel7.zipâ

100%[===================================================================================================>] 84,253,673 45.3MB/s in 1.8s

2017-04-04 08:22:15 (45.3 MB/s) - âThirdPartyDependencies-6.4-rhel7.zipâ saved [84253673/84253673]

Extracting package

Archive: ThirdPartyDependencies-6.4-rhel7.zip

inflating: MySQL-client-5.6.31-1.el7.x86\_64.rpm

inflating: MySQL-server-5.6.31-1.el7.x86\_64.rpm

inflating: MySQL-shared-compat-5.6.31-1.el7.x86\_64.rpm

Getting TR package install script

--2017-04-04 08:22:16-- http://10.220.179.83:8080/6.4P2-TR/upgrade.sh

Resolving webproxy.int.westgroup.com (webproxy.int.westgroup.com)... 163.231.226.49

Connecting to webproxy.int.westgroup.com (webproxy.int.westgroup.com)|163.231.226.49|:80... connected.

Proxy request sent, awaiting response... 200 OK

Length: 2028 (2.0K) [application/x-sh]

Saving to: âupgrade.shâ

100%[===================================================================================================>] 2,028 --.-K/s in 0s

2017-04-04 08:22:16 (59.9 MB/s) - âupgrade.shâ saved [2028/2028]

--2017-04-04 08:22:16-- http://10.220.179.83:8080/6.4P2-TR/pre\_install\_check.sh

Resolving webproxy.int.westgroup.com (webproxy.int.westgroup.com)... 163.231.226.49

Connecting to webproxy.int.westgroup.com (webproxy.int.westgroup.com)|163.231.226.49|:80... connected.

Proxy request sent, awaiting response... 200 OK

Length: 9343 (9.1K) [application/x-sh]

Saving to: âpre\_install\_check.shâ

100%[===================================================================================================>] 9,343 --.-K/s in 0s

2017-04-04 08:22:16 (244 MB/s) - âpre\_install\_check.shâ saved [9343/9343]

Running pre upgrade checks

Checking system...

Console output logged to pre\_install\_check.log

Checking for RHEL repository...

Passed.

Checking for the Red Hat Third Party Oracle Java repository...

Complete installation instructions are provided in the product installation

guide.

This product installation uses Red Hat yum software repositories and uses yum

to download required dependent software components if they are not already

present on the system. The included pre\_install\_check.sh script will check

for the existence of the required repositories and will provide instructions

on how to configure the repositories if they are not already enabled.

If you are unable to use the instructions to access the required repositories,

for example, if Internet access is not available from the system, you can

download the required RPMs and place them in this directory with the NetApp

software. The yum installer will detect them and use the local files instead

of attempting to download them from the Internet. Alternatively, if your site

has configured its own internal location for repositories, you can use those

files as long as they provide the same software as provided by Red Hat. Details

on not using the repositories are available in the installation guide.

Note: RPMâs with the same name, but that are from different repositories than

those listed in the installation guide, may not be compatible and are not

supported.

Warning: The Red Hat Third Party Oracle Java respository is not enabled.

Configure it for your installation using this command:

# subscription-manager repos --enable rhel-7-server-thirdparty-oracle-java-rpms

Checking for the Red Hat Extra Packages for Enterprise Linux (EPEL) repository...

Passed.

If your system is unable to connect to these repositories directly, contact

your IT department for information about connecting to internal mirrors, or

refer to the OnCommand installation or upgrade documentation for manual

download instructions.

Checking system for mariadb-libs package...

Repodata is over 2 weeks old. Install yum-cron? Or run: yum makecache fast

Passed.

Checking system for OpenJDK 8 package...

The system has OpenJDK 8 installed. Recent changes to OpenJDK packaging cause

it to take precedence over Oracleâs JDK. For more information see:

https://bugzilla.redhat.com/show\_bug.cgi?id=1189084 Remove the package by

executing the command:

# yum remove java-1.8.0-openjdk

# yum remove java-1.8.0-openjdk-headless

Checking system for OpenJDK 7 package...

Passed.

Checking system for noexec permission against /tmp partition...

Passed.

Checking system for perl-Data-Dumper package...

Repodata is over 2 weeks old. Install yum-cron? Or run: yum makecache fast

Passed.

No issues were detected.

To proceed with upgrading enter the following command as root,

in the current directory:

# ./upgrade.sh

Stopping services

Stopping NetApp OnCommand Insight Essentials Acquisition service...

Waiting for ocieau to shut down

..............................

Could not gracefully stop NetApp OnCommand Insight Essentials Acquisition service

Force stopping NetApp OnCommand Insight Essentials Acquisition service

Stopped NetApp OnCommand Insight Essentials Acquisition service

Stopping NetApp OnCommand Insight Essentials Server service

...................

Stopped NetApp OnCommand Insight Essentials Server service

Upgrading MySQL-client-5.6.31-1.el7.x86\_64.rpm MySQL-server-5.6.31-1.el7.x86\_64.rpm MySQL-shared-compat-5.6.31-1.el7.x86\_64.rpm

Setup mysql from existing configuration

Changing mysql configuration to install

Update mysql jboss user

warning: MySQL-client-5.6.31-1.el7.x86\_64.rpm: Header V3 DSA/SHA1 Signature, key ID 5072e1f5: NOKEY

Giving mysqld 5 seconds to exit nicely

Loaded plugins: ulninfo

Repodata is over 2 weeks old. Install yum-cron? Or run: yum makecache fast

Examining MySQL-client-5.6.31-1.el7.x86\_64.rpm: MySQL-client-5.6.31-1.el7.x86\_64

MySQL-client-5.6.31-1.el7.x86\_64.rpm: does not update installed package.

Examining MySQL-server-5.6.31-1.el7.x86\_64.rpm: MySQL-server-5.6.31-1.el7.x86\_64

MySQL-server-5.6.31-1.el7.x86\_64.rpm: does not update installed package.

Examining MySQL-shared-compat-5.6.31-1.el7.x86\_64.rpm: MySQL-shared-compat-5.6.31-1.el7.x86\_64

MySQL-shared-compat-5.6.31-1.el7.x86\_64.rpm: does not update installed package.

Examining netapp-ocum-6.4P2-x86\_64.rpm: netapp-ocum-6.4-1609200719.x86\_64

Marking netapp-ocum-6.4P2-x86\_64.rpm as an update to netapp-ocum-6.3-1510140339.x86\_64

Examining node.x86\_64.rpm: netapp-node-4.4.7-1609200719.x86\_64

Marking node.x86\_64.rpm to be installed

Examining ocie-au-1.3.0-2016.09.2066.x86\_64.rpm: ocie-au-1.3.0-2016.09.2066.x86\_64

Marking ocie-au-1.3.0-2016.09.2066.x86\_64.rpm as an update to ocie-au-1.3.0-2015.08.1013.x86\_64

Examining ocie-server-1.3.0-2016.09.2066.x86\_64.rpm: ocie-server-1.3.0-2016.09.2066.x86\_64

Marking ocie-server-1.3.0-2016.09.2066.x86\_64.rpm as an update to ocie-server-1.3.0-2015.08.1013.x86\_64

Examining ocie-serverbase-1.3.0-2016.09.2066.x86\_64.rpm: ocie-serverbase-1.3.0-2016.09.2066.x86\_64

ocie-serverbase-1.3.0-2016.09.2066.x86\_64.rpm: does not update installed package.

Examining rp.x86\_64.rpm: rp-1.0-1609200719.x86\_64

Marking rp.x86\_64.rpm to be installed

Resolving Dependencies

--> Running transaction check

---> Package netapp-node.x86\_64 0:4.4.7-1609200719 will be installed

---> Package netapp-ocum.x86\_64 0:6.3-1510140339 will be updated

---> Package netapp-ocum.x86\_64 0:6.4-1609200719 will be an update

---> Package ocie-au.x86\_64 0:1.3.0-2015.08.1013 will be updated

---> Package ocie-au.x86\_64 0:1.3.0-2016.09.2066 will be an update

---> Package ocie-server.x86\_64 0:1.3.0-2015.08.1013 will be updated

---> Package ocie-server.x86\_64 0:1.3.0-2016.09.2066 will be an update

---> Package rp.x86\_64 0:1.0-1609200719 will be installed

--> Finished Dependency Resolution

Dependencies Resolved

=============================================================================================================================================

Package Arch Version Repository Size

=============================================================================================================================================

Installing:

netapp-node x86\_64 4.4.7-1609200719 /node.x86\_64 12 M

rp x86\_64 1.0-1609200719 /rp.x86\_64 4.3 M

Updating:

netapp-ocum x86\_64 6.4-1609200719 /netapp-ocum-6.4P2-x86\_64 473 M

ocie-au x86\_64 1.3.0-2016.09.2066 /ocie-au-1.3.0-2016.09.2066.x86\_64 12 M

ocie-server x86\_64 1.3.0-2016.09.2066 /ocie-server-1.3.0-2016.09.2066.x86\_64 7.0 M

Transaction Summary

=============================================================================================================================================

Install 2 Packages

Upgrade 3 Packages

Total size: 508 M

Downloading packages:

Running transaction check

Running transaction test

Transaction test succeeded

Running transaction

Warning: RPMDB altered outside of yum.

\*\* Found 3 pre-existing rpmdb problem(s), 'yum check' output follows:

ocie-serverbase-1.3.0-2016.09.2066.x86\_64 has installed conflicts java-1.8.0-openjdk: 1:java-1.8.0-openjdk-1.8.0.77-0.b03.el7\_2.x86\_64

ocie-serverbase-1.3.0-2016.09.2066.x86\_64 has installed conflicts java-1.8.0-openjdk-headless: 1:java-1.8.0-openjdk-headless-1.8.0.77-0.b03.el7\_2.x86\_64

ocie-serverbase-1.3.0-2016.09.2066.x86\_64 has missing requires of java-1.8.0-oracle >= ('1', '1.8.0.71', None)

Updating : ocie-server-1.3.0-2016.09.2066.x86\_64 1/8

Installing : netapp-node-4.4.7-1609200719.x86\_64 2/8

+ '[' '!' -d /var/log/ocum ']'

+ LOG=/var/log/ocum/rp\_install.log

+ export LOG

+ touch /var/log/ocum/rp\_install.log

+ post\_main 1

+ echo\_log 'Creating NodeJS Base directory'

++ date '+%b %d %T'

+ tstamp='Apr 04 08:24:26'

+ echo 'Creating NodeJS Base directory'

Creating NodeJS Base directory

+ echo 'Apr 04 08:24:26: Creating NodeJS Base directory'

+ mkdir -p /opt/netapp/essentials/nodejs

+ echo\_log 'Starting Nodejs installation'

++ date '+%b %d %T'

+ tstamp='Apr 04 08:24:26'

+ echo 'Starting Nodejs installation'

Starting Nodejs installation

+ echo 'Apr 04 08:24:26: Starting Nodejs installation'

+ cd /opt/netapp/essentials/nodejs

+ tar --strip-components=1 -zxvf node-4.4.7-linux-x64.tar.gz

+ echo\_log 'Setting environment parameters'

++ date '+%b %d %T'

+ tstamp='Apr 04 08:24:27'

+ echo 'Setting environment parameters'

Setting environment parameters

+ echo 'Apr 04 08:24:27: Setting environment parameters'

+ export PATH=/opt/netapp/essentials/nodejs/bin:/sbin:/bin:/usr/sbin:/usr/bin:/usr/X11R6/bin

+ PATH=/opt/netapp/essentials/nodejs/bin:/sbin:/bin:/usr/sbin:/usr/bin:/usr/X11R6/bin

+ echo\_log 'Finished installing Nodejs'

++ date '+%b %d %T'

+ tstamp='Apr 04 08:24:27'

+ echo 'Finished installing Nodejs'

Finished installing Nodejs

+ echo 'Apr 04 08:24:27: Finished installing Nodejs'

+ exit 0

Installing : rp-1.0-1609200719.x86\_64 3/8

Starting Reverse Proxy installation

Finished installing Reverse Proxy

Updating : ocie-au-1.3.0-2016.09.2066.x86\_64 4/8

Upgrading OnCommand Unified Manager

Updating : netapp-ocum-6.4-1609200719.x86\_64 5/8

Certificate stored in file </opt/netapp/data/ocie/um.client.cert.pem>

Certificate was added to keystore

[Storing /opt/netapp/essentials/jboss/server/onaro/cert/server.truststore]

Starting NetApp OnCommand Insight Essentials Server service. This may take couple of minutes

generating server keystore for AU

generating AU client public certificate

Certificate stored in file </opt/netapp/essentials/au/conf/cert/au.cert.pem>

Certificate was added to keystore

Successfully started NetApp OnCommand Insight Essentials Server service

Started NetApp OnCommand Insight Essentials Server service.

Starting NetApp OnCommand Insight Essentials Acquisition service

NetApp OnCommand Insight Essentials Acquisition service started successfully

OnCommand Unified Manager upgraded successfully.

Use a web browser and the URL https://<IP\_ADDRESS> to access the OnCommand Unified Manager GUI.

Cleanup : netapp-ocum-6.3-1510140339.x86\_64 6/8

Cleanup : ocie-au-1.3.0-2015.08.1013.x86\_64 7/8

Cleanup : ocie-server-1.3.0-2015.08.1013.x86\_64 8/8

Verifying : rp-1.0-1609200719.x86\_64 1/8

Verifying : netapp-node-4.4.7-1609200719.x86\_64 2/8

Verifying : netapp-ocum-6.4-1609200719.x86\_64 3/8

Verifying : ocie-au-1.3.0-2016.09.2066.x86\_64 4/8

Verifying : ocie-server-1.3.0-2016.09.2066.x86\_64 5/8

Verifying : netapp-ocum-6.3-1510140339.x86\_64 6/8

Verifying : ocie-au-1.3.0-2015.08.1013.x86\_64 7/8

Verifying : ocie-server-1.3.0-2015.08.1013.x86\_64 8/8

Installed:

netapp-node.x86\_64 0:4.4.7-1609200719 rp.x86\_64 0:1.0-1609200719

Updated:

netapp-ocum.x86\_64 0:6.4-1609200719 ocie-au.x86\_64 0:1.3.0-2016.09.2066 ocie-server.x86\_64 0:1.3.0-2016.09.2066

Complete!

Cleaning up install files for OCUM 6.4P2

Installing MySQL Repo

--2017-04-04 08:28:28-- http://10.220.179.83:8080/7.1P1-OCUM-TR/mysql-community-release-el7-5.noarch.rpm

Resolving webproxy.int.westgroup.com (webproxy.int.westgroup.com)... 163.231.226.49

Connecting to webproxy.int.westgroup.com (webproxy.int.westgroup.com)|163.231.226.49|:80... connected.

Proxy request sent, awaiting response... 200 OK

Length: 6140 (6.0K) [application/x-rpm]

Saving to: âmysql-community-release-el7-5.noarch.rpmâ

100%[===================================================================================================>] 6,140 --.-K/s in 0s

2017-04-04 08:28:28 (620 MB/s) - âmysql-community-release-el7-5.noarch.rpmâ saved [6140/6140]

Loaded plugins: ulninfo

Repodata is over 2 weeks old. Install yum-cron? Or run: yum makecache fast

Examining ./mysql-community-release-el7-5.noarch.rpm: mysql-community-release-el7-5.noarch

Marking ./mysql-community-release-el7-5.noarch.rpm to be installed

Resolving Dependencies

--> Running transaction check

---> Package mysql-community-release.noarch 0:el7-5 will be installed

--> Finished Dependency Resolution

Dependencies Resolved

=============================================================================================================================================

Package Arch Version Repository Size

=============================================================================================================================================

Installing:

mysql-community-release noarch el7-5 /mysql-community-release-el7-5.noarch 4.3 k

Transaction Summary

=============================================================================================================================================

Install 1 Package

Total size: 4.3 k

Installed size: 4.3 k

Downloading packages:

Running transaction check

Running transaction test

Transaction test succeeded

Running transaction

Installing : mysql-community-release-el7-5.noarch 1/1

Verifying : mysql-community-release-el7-5.noarch 1/1

Installed:

mysql-community-release.noarch 0:el7-5

Complete!

Getting OCUM 7.1 Packages

--2017-04-04 08:28:29-- http://10.220.179.83:8080/7.1P1-OCUM-TR/OnCommandUnifiedManager-rhel7-7.1P1.zip

Resolving webproxy.int.westgroup.com (webproxy.int.westgroup.com)... 163.231.226.49

Connecting to webproxy.int.westgroup.com (webproxy.int.westgroup.com)|163.231.226.49|:80... connected.

Proxy request sent, awaiting response... 200 OK

Length: 695470078 (663M) [application/zip]

Saving to: âOnCommandUnifiedManager-rhel7-7.1P1.zipâ

100%[===================================================================================================>] 695,470,078 52.6MB/s in 13s

2017-04-04 08:28:42 (51.2 MB/s) - âOnCommandUnifiedManager-rhel7-7.1P1.zipâ saved [695470078/695470078]

Extracting OCUM 7.1 Package

Archive: OnCommandUnifiedManager-rhel7-7.1P1.zip

inflating: netapp-application-server-7.1.0-2017.03.J2294.x86\_64.rpm

inflating: netapp-ocum-7.1P1-x86\_64.rpm

inflating: netapp-platform-base-7.1.0-2017.03.J2294.el7.x86\_64.rpm

inflating: node.x86\_64.rpm

inflating: ocie-au-7.1.0-2016.05.J2330.x86\_64.rpm

inflating: ocie-server-7.1.0-2016.05.J2330.x86\_64.rpm

inflating: ocie-serverbase-7.1.0-2017.03.J2294.x86\_64.rpm

inflating: rp.x86\_64.rpm

inflating: pre\_install\_check.sh

inflating: upgrade.sh

--2017-04-04 08:28:50-- http://10.220.179.83:8080/7.1P1-OCUM-TR/upgrade.sh

Resolving webproxy.int.westgroup.com (webproxy.int.westgroup.com)... 163.231.226.49

Connecting to webproxy.int.westgroup.com (webproxy.int.westgroup.com)|163.231.226.49|:80... connected.

Proxy request sent, awaiting response... 200 OK

Length: 5985 (5.8K) [application/x-sh]

Saving to: â/var/tmp/upgrade.shâ

100%[===================================================================================================>] 5,985 --.-K/s in 0s

2017-04-04 08:28:50 (538 MB/s) - â/var/tmp/upgrade.shâ saved [5985/5985]

Running pre upgrade checks

Checking system...

Console output logged to pre\_install\_check.log

Checking for RHEL repository...

Passed.

Checking for MySQL 5.6 Community repository...

Passed.

Checking for the Red Hat Extra Packages for Enterprise Linux (EPEL) repository...

Passed.

Checking system for noexec permission against /tmp partition...

Passed.

No issues were detected.

To proceed with upgrading enter the following command as root,

in the current directory:

# ./upgrade.sh

Stopping services

Stopping NetApp OnCommand Insight Essentials Acquisition service...

Waiting for ocieau to shut down

..............................

Could not gracefully stop NetApp OnCommand Insight Essentials Acquisition service

Force stopping NetApp OnCommand Insight Essentials Acquisition service

Stopped NetApp OnCommand Insight Essentials Acquisition service

Stopping NetApp OnCommand Insight Essentials Server service

...........

Stopped NetApp OnCommand Insight Essentials Server service

Sourcing pre-upgrade scripts

There is no pre-upgrade script in pre-upgrade.

Shutting down MySQL.... SUCCESS!

Loaded plugins: ulninfo

Examining ocie-serverbase-7.1.0-2017.03.J2294.x86\_64.rpm: ocie-serverbase-7.1.0-2017.03.J2294.x86\_64

Marking ocie-serverbase-7.1.0-2017.03.J2294.x86\_64.rpm as an update to ocie-serverbase-1.3.0-2016.09.2066.x86\_64

Resolving Dependencies

--> Running transaction check

---> Package ocie-serverbase.x86\_64 0:1.3.0-2016.09.2066 will be updated

---> Package ocie-serverbase.x86\_64 0:7.1.0-2017.03.J2294 will be an update

--> Finished Dependency Resolution

Dependencies Resolved

=============================================================================================================================================

Package Arch Version Repository Size

=============================================================================================================================================

Updating:

ocie-serverbase x86\_64 7.1.0-2017.03.J2294 /ocie-serverbase-7.1.0-2017.03.J2294.x86\_64 118

Transaction Summary

=============================================================================================================================================

Upgrade 1 Package

Total size: 118

Downloading packages:

Running transaction check

Running transaction test

Transaction test succeeded

Running transaction

Updating : ocie-serverbase-7.1.0-2017.03.J2294.x86\_64 1/2

Cleanup : ocie-serverbase-1.3.0-2016.09.2066.x86\_64 2/2

warning: file /opt/netapp/essentials/jboss/server/onaro/tmp/.keep: remove failed: No such file or directory

Verifying : ocie-serverbase-7.1.0-2017.03.J2294.x86\_64 1/2

Verifying : ocie-serverbase-1.3.0-2016.09.2066.x86\_64 2/2

Updated:

ocie-serverbase.x86\_64 0:7.1.0-2017.03.J2294

Complete!

Loaded plugins: ulninfo

Examining netapp-application-server-7.1.0-2017.03.J2294.x86\_64.rpm: netapp-application-server-7.1.0-2017.03.J2294.x86\_64

Marking netapp-application-server-7.1.0-2017.03.J2294.x86\_64.rpm to be installed

Resolving Dependencies

--> Running transaction check

---> Package netapp-application-server.x86\_64 0:7.1.0-2017.03.J2294 will be installed

--> Finished Dependency Resolution

Dependencies Resolved

=============================================================================================================================================

Package Arch Version Repository Size

=============================================================================================================================================

Installing:

netapp-application-server x86\_64 7.1.0-2017.03.J2294 /netapp-application-server-7.1.0-2017.03.J2294.x86\_64 126 M

Transaction Summary

=============================================================================================================================================

Install 1 Package

Total size: 126 M

Installed size: 126 M

Downloading packages:

Running transaction check

Running transaction test

Transaction test succeeded

Running transaction

Installing : netapp-application-server-7.1.0-2017.03.J2294.x86\_64 1/1

Verifying : netapp-application-server-7.1.0-2017.03.J2294.x86\_64 1/1

Installed:

netapp-application-server.x86\_64 0:7.1.0-2017.03.J2294

Complete!

Upgrading MySQL...

Loaded plugins: ulninfo

Resolving Dependencies

--> Running transaction check

---> Package MySQL-client.x86\_64 0:5.6.31-1.el7 will be obsoleted

---> Package MySQL-server.x86\_64 0:5.6.31-1.el7 will be obsoleted

---> Package mysql-community-client.x86\_64 0:5.6.35-2.el7 will be obsoleting

---> Package mysql-community-common.x86\_64 0:5.6.35-2.el7 will be installed

---> Package mysql-community-libs.x86\_64 0:5.6.35-2.el7 will be installed

---> Package mysql-community-server.x86\_64 0:5.6.35-2.el7 will be obsoleting

--> Processing Dependency: perl(DBI) for package: mysql-community-server-5.6.35-2.el7.x86\_64

--> Running transaction check

---> Package perl-DBI.x86\_64 0:1.627-4.el7 will be installed

--> Processing Dependency: perl(RPC::PlServer) >= 0.2001 for package: perl-DBI-1.627-4.el7.x86\_64

--> Processing Dependency: perl(RPC::PlClient) >= 0.2000 for package: perl-DBI-1.627-4.el7.x86\_64

--> Running transaction check

---> Package perl-PlRPC.noarch 0:0.2020-14.el7 will be installed

--> Processing Dependency: perl(Net::Daemon) >= 0.13 for package: perl-PlRPC-0.2020-14.el7.noarch

--> Processing Dependency: perl(Net::Daemon::Test) for package: perl-PlRPC-0.2020-14.el7.noarch

--> Processing Dependency: perl(Net::Daemon::Log) for package: perl-PlRPC-0.2020-14.el7.noarch

--> Processing Dependency: perl(Compress::Zlib) for package: perl-PlRPC-0.2020-14.el7.noarch

--> Running transaction check

---> Package perl-IO-Compress.noarch 0:2.061-2.el7 will be installed

--> Processing Dependency: perl(Compress::Raw::Zlib) >= 2.061 for package: perl-IO-Compress-2.061-2.el7.noarch

--> Processing Dependency: perl(Compress::Raw::Bzip2) >= 2.061 for package: perl-IO-Compress-2.061-2.el7.noarch

---> Package perl-Net-Daemon.noarch 0:0.48-5.el7 will be installed

--> Running transaction check

---> Package perl-Compress-Raw-Bzip2.x86\_64 0:2.061-3.el7 will be installed

---> Package perl-Compress-Raw-Zlib.x86\_64 1:2.061-4.el7 will be installed

--> Finished Dependency Resolution

Dependencies Resolved

=============================================================================================================================================

Package Arch Version Repository Size

=============================================================================================================================================

Installing:

mysql-community-client x86\_64 5.6.35-2.el7 mysql56-community 19 M

replacing MySQL-client.x86\_64 5.6.31-1.el7

mysql-community-common x86\_64 5.6.35-2.el7 mysql56-community 257 k

mysql-community-libs x86\_64 5.6.35-2.el7 mysql56-community 2.0 M

mysql-community-server x86\_64 5.6.35-2.el7 mysql56-community 59 M

replacing MySQL-server.x86\_64 5.6.31-1.el7

Installing for dependencies:

perl-Compress-Raw-Bzip2 x86\_64 2.061-3.el7 ol7-u1-x64-1\_0-patch-current 32 k

perl-Compress-Raw-Zlib x86\_64 1:2.061-4.el7 ol7-u1-x64-1\_0-patch-current 57 k

perl-DBI x86\_64 1.627-4.el7 ol7-u1-x64-1\_0-patch-current 801 k

perl-IO-Compress noarch 2.061-2.el7 ol7-u1-x64-1\_0-patch-current 259 k

perl-Net-Daemon noarch 0.48-5.el7 ol7-u1-x64-1\_0-patch-current 50 k

perl-PlRPC noarch 0.2020-14.el7 ol7-u1-x64-1\_0-patch-current 35 k

Transaction Summary

=============================================================================================================================================

Install 4 Packages (+6 Dependent packages)

Total download size: 82 M

Downloading packages:

warning: /var/cache/yum/x86\_64/7Server/mysql56-community/packages/mysql-community-common-5.6.35-2.el7.x86\_64.rpm: Header V3 DSA/SHA1 Signature, key ID 5072e1f5: NOKEY

Public key for mysql-community-common-5.6.35-2.el7.x86\_64.rpm is not installed

(1/10): mysql-community-common-5.6.35-2.el7.x86\_64.rpm | 257 kB 00:00:00

(2/10): mysql-community-libs-5.6.35-2.el7.x86\_64.rpm | 2.0 MB 00:00:00

(3/10): perl-Compress-Raw-Zlib-2.061-4.el7.x86\_64.rpm | 57 kB 00:00:00

(4/10): perl-Compress-Raw-Bzip2-2.061-3.el7.x86\_64.rpm | 32 kB 00:00:00

(5/10): perl-IO-Compress-2.061-2.el7.noarch.rpm | 259 kB 00:00:00

(6/10): perl-Net-Daemon-0.48-5.el7.noarch.rpm | 50 kB 00:00:00

(7/10): perl-DBI-1.627-4.el7.x86\_64.rpm | 801 kB 00:00:00

(8/10): perl-PlRPC-0.2020-14.el7.noarch.rpm | 35 kB 00:00:00

(9/10): mysql-community-client-5.6.35-2.el7.x86\_64.rpm | 19 MB 00:00:01

(10/10): mysql-community-server-5.6.35-2.el7.x86\_64.rpm | 59 MB 00:00:03

---------------------------------------------------------------------------------------------------------------------------------------------

Total 19 MB/s | 82 MB 00:00:04

Retrieving key from file:/etc/pki/rpm-gpg/RPM-GPG-KEY-mysql

Importing GPG key 0x5072E1F5:

Userid : "MySQL Release Engineering <mysql-build@oss.oracle.com>"

Fingerprint: a4a9 4068 76fc bd3c 4567 70c8 8c71 8d3b 5072 e1f5

Package : mysql-community-release-el7-5.noarch (@/mysql-community-release-el7-5.noarch)

From : file:/etc/pki/rpm-gpg/RPM-GPG-KEY-mysql

Running transaction check

Running transaction test

Transaction test succeeded

Running transaction

Installing : mysql-community-common-5.6.35-2.el7.x86\_64 1/12

Installing : mysql-community-libs-5.6.35-2.el7.x86\_64 2/12

Installing : mysql-community-client-5.6.35-2.el7.x86\_64 3/12

Installing : perl-Net-Daemon-0.48-5.el7.noarch 4/12

Installing : 1:perl-Compress-Raw-Zlib-2.061-4.el7.x86\_64 5/12

Installing : perl-Compress-Raw-Bzip2-2.061-3.el7.x86\_64 6/12

Installing : perl-IO-Compress-2.061-2.el7.noarch 7/12

Installing : perl-PlRPC-0.2020-14.el7.noarch 8/12

Installing : perl-DBI-1.627-4.el7.x86\_64 9/12

Installing : mysql-community-server-5.6.35-2.el7.x86\_64 10/12

Erasing : MySQL-server-5.6.31-1.el7.x86\_64 11/12

Erasing : MySQL-client-5.6.31-1.el7.x86\_64 12/12

Verifying : mysql-community-client-5.6.35-2.el7.x86\_64 1/12

Verifying : perl-Compress-Raw-Bzip2-2.061-3.el7.x86\_64 2/12

Verifying : mysql-community-libs-5.6.35-2.el7.x86\_64 3/12

Verifying : mysql-community-common-5.6.35-2.el7.x86\_64 4/12

Verifying : perl-PlRPC-0.2020-14.el7.noarch 5/12

Verifying : 1:perl-Compress-Raw-Zlib-2.061-4.el7.x86\_64 6/12

Verifying : perl-Net-Daemon-0.48-5.el7.noarch 7/12

Verifying : perl-DBI-1.627-4.el7.x86\_64 8/12

Verifying : perl-IO-Compress-2.061-2.el7.noarch 9/12

Verifying : mysql-community-server-5.6.35-2.el7.x86\_64 10/12

Verifying : MySQL-server-5.6.31-1.el7.x86\_64 11/12

Verifying : MySQL-client-5.6.31-1.el7.x86\_64 12/12

Installed:

mysql-community-client.x86\_64 0:5.6.35-2.el7 mysql-community-common.x86\_64 0:5.6.35-2.el7 mysql-community-libs.x86\_64 0:5.6.35-2.el7

mysql-community-server.x86\_64 0:5.6.35-2.el7

Dependency Installed:

perl-Compress-Raw-Bzip2.x86\_64 0:2.061-3.el7 perl-Compress-Raw-Zlib.x86\_64 1:2.061-4.el7 perl-DBI.x86\_64 0:1.627-4.el7

perl-IO-Compress.noarch 0:2.061-2.el7 perl-Net-Daemon.noarch 0:0.48-5.el7 perl-PlRPC.noarch 0:0.2020-14.el7

Replaced:

MySQL-client.x86\_64 0:5.6.31-1.el7 MySQL-server.x86\_64 0:5.6.31-1.el7

Complete!

Loaded plugins: ulninfo

Resolving Dependencies

--> Running transaction check

---> Package policycoreutils-python.x86\_64 0:2.5-11.0.1.el7\_3 will be installed

--> Processing Dependency: policycoreutils = 2.5-11.0.1.el7\_3 for package: policycoreutils-python-2.5-11.0.1.el7\_3.x86\_64

--> Processing Dependency: setools-libs >= 3.3.8-1 for package: policycoreutils-python-2.5-11.0.1.el7\_3.x86\_64

--> Processing Dependency: libsemanage-python >= 2.5-5 for package: policycoreutils-python-2.5-11.0.1.el7\_3.x86\_64

--> Processing Dependency: audit-libs-python >= 2.1.3-4 for package: policycoreutils-python-2.5-11.0.1.el7\_3.x86\_64

--> Processing Dependency: python-IPy for package: policycoreutils-python-2.5-11.0.1.el7\_3.x86\_64

--> Processing Dependency: libsepol.so.1(LIBSEPOL\_1.0)(64bit) for package: policycoreutils-python-2.5-11.0.1.el7\_3.x86\_64

--> Processing Dependency: libqpol.so.1(VERS\_1.4)(64bit) for package: policycoreutils-python-2.5-11.0.1.el7\_3.x86\_64

--> Processing Dependency: libqpol.so.1(VERS\_1.2)(64bit) for package: policycoreutils-python-2.5-11.0.1.el7\_3.x86\_64

--> Processing Dependency: libcgroup for package: policycoreutils-python-2.5-11.0.1.el7\_3.x86\_64

--> Processing Dependency: libapol.so.4(VERS\_4.0)(64bit) for package: policycoreutils-python-2.5-11.0.1.el7\_3.x86\_64

--> Processing Dependency: checkpolicy for package: policycoreutils-python-2.5-11.0.1.el7\_3.x86\_64

--> Processing Dependency: libqpol.so.1()(64bit) for package: policycoreutils-python-2.5-11.0.1.el7\_3.x86\_64

--> Processing Dependency: libapol.so.4()(64bit) for package: policycoreutils-python-2.5-11.0.1.el7\_3.x86\_64

--> Running transaction check

---> Package audit-libs-python.x86\_64 0:2.6.5-3.el7\_3.1 will be installed

--> Processing Dependency: audit-libs(x86-64) = 2.6.5-3.el7\_3.1 for package: audit-libs-python-2.6.5-3.el7\_3.1.x86\_64

---> Package checkpolicy.x86\_64 0:2.5-4.el7 will be installed

---> Package libcgroup.x86\_64 0:0.41-11.el7 will be installed

---> Package libsemanage-python.x86\_64 0:2.5-5.1.el7\_3 will be installed

--> Processing Dependency: libsemanage = 2.5-5.1.el7\_3 for package: libsemanage-python-2.5-5.1.el7\_3.x86\_64

--> Processing Dependency: libsemanage.so.1(LIBSEMANAGE\_1.1)(64bit) for package: libsemanage-python-2.5-5.1.el7\_3.x86\_64

---> Package libsepol.x86\_64 0:2.1.9-3.el7 will be updated

---> Package libsepol.x86\_64 0:2.5-6.el7 will be an update

---> Package policycoreutils.x86\_64 0:2.2.5-20.0.1.el7 will be updated

---> Package policycoreutils.x86\_64 0:2.5-11.0.1.el7\_3 will be an update

--> Processing Dependency: libselinux-utils >= 2.5-6 for package: policycoreutils-2.5-11.0.1.el7\_3.x86\_64

---> Package python-IPy.noarch 0:0.75-6.el7 will be installed

---> Package setools-libs.x86\_64 0:3.3.8-1.1.el7 will be installed

--> Processing Dependency: libselinux >= 2.5-0 for package: setools-libs-3.3.8-1.1.el7.x86\_64

--> Running transaction check

---> Package audit-libs.x86\_64 0:2.4.1-5.el7 will be updated

--> Processing Dependency: audit-libs = 2.4.1-5.el7 for package: audit-2.4.1-5.el7.x86\_64

---> Package audit-libs.x86\_64 0:2.6.5-3.el7\_3.1 will be an update

---> Package libselinux.x86\_64 0:2.2.2-6.el7 will be updated

--> Processing Dependency: libselinux = 2.2.2-6.el7 for package: libselinux-ruby-2.2.2-6.el7.x86\_64

--> Processing Dependency: libselinux = 2.2.2-6.el7 for package: libselinux-python-2.2.2-6.el7.x86\_64

---> Package libselinux.x86\_64 0:2.5-6.el7 will be an update

---> Package libselinux-utils.x86\_64 0:2.2.2-6.el7 will be updated

---> Package libselinux-utils.x86\_64 0:2.5-6.el7 will be an update

---> Package libsemanage.x86\_64 0:2.1.10-18.el7 will be updated

---> Package libsemanage.x86\_64 0:2.5-5.1.el7\_3 will be an update

--> Running transaction check

---> Package audit.x86\_64 0:2.4.1-5.el7 will be updated

---> Package audit.x86\_64 0:2.6.5-3.el7\_3.1 will be an update

---> Package libselinux-python.x86\_64 0:2.2.2-6.el7 will be updated

---> Package libselinux-python.x86\_64 0:2.5-6.el7 will be an update

---> Package libselinux-ruby.x86\_64 0:2.2.2-6.el7 will be updated

---> Package libselinux-ruby.x86\_64 0:2.5-6.el7 will be an update

--> Processing Conflict: libsemanage-2.5-5.1.el7\_3.x86\_64 conflicts selinux-policy-base < 3.13.1-66

--> Restarting Dependency Resolution with new changes.

--> Running transaction check

---> Package selinux-policy-targeted.noarch 0:3.13.1-60.0.1.el7\_2.3 will be updated

---> Package selinux-policy-targeted.noarch 0:3.13.1-102.0.2.el7\_3.15 will be an update

--> Processing Dependency: selinux-policy = 3.13.1-102.0.2.el7\_3.15 for package: selinux-policy-targeted-3.13.1-102.0.2.el7\_3.15.noarch

--> Processing Dependency: selinux-policy = 3.13.1-102.0.2.el7\_3.15 for package: selinux-policy-targeted-3.13.1-102.0.2.el7\_3.15.noarch

--> Running transaction check

---> Package selinux-policy.noarch 0:3.13.1-60.0.1.el7\_2.3 will be updated

---> Package selinux-policy.noarch 0:3.13.1-102.0.2.el7\_3.15 will be an update

--> Processing Conflict: libselinux-2.5-6.el7.x86\_64 conflicts systemd < 219-20

--> Restarting Dependency Resolution with new changes.

--> Running transaction check

---> Package systemd.x86\_64 0:219-19.0.2.el7\_2.7 will be updated

--> Processing Dependency: systemd = 219-19.0.2.el7\_2.7 for package: systemd-sysv-219-19.0.2.el7\_2.7.x86\_64

---> Package systemd.x86\_64 0:219-30.0.1.el7\_3.7 will be an update

--> Processing Dependency: systemd-libs = 219-30.0.1.el7\_3.7 for package: systemd-219-30.0.1.el7\_3.7.x86\_64

--> Running transaction check

---> Package systemd-libs.x86\_64 0:219-19.0.2.el7\_2.7 will be updated

--> Processing Dependency: systemd-libs = 219-19.0.2.el7\_2.7 for package: libgudev1-219-19.0.2.el7\_2.7.x86\_64

---> Package systemd-libs.x86\_64 0:219-30.0.1.el7\_3.7 will be an update

---> Package systemd-sysv.x86\_64 0:219-19.0.2.el7\_2.7 will be updated

---> Package systemd-sysv.x86\_64 0:219-30.0.1.el7\_3.7 will be an update

--> Running transaction check

---> Package libgudev1.x86\_64 0:219-19.0.2.el7\_2.7 will be updated

---> Package libgudev1.x86\_64 0:219-30.0.1.el7\_3.7 will be an update

--> Finished Dependency Resolution

Dependencies Resolved

=============================================================================================================================================

Package Arch Version Repository Size

=============================================================================================================================================

Installing:

policycoreutils-python x86\_64 2.5-11.0.1.el7\_3 ol7-u1-x64-1\_0-patch-current 444 k

Updating:

selinux-policy-targeted noarch 3.13.1-102.0.2.el7\_3.15 ol7-u1-x64-1\_0-patch-current 6.4 M

systemd x86\_64 219-30.0.1.el7\_3.7 ol7-u1-x64-1\_0-patch-current 5.2 M

Installing for dependencies:

audit-libs-python x86\_64 2.6.5-3.el7\_3.1 ol7-u1-x64-1\_0-patch-current 70 k

checkpolicy x86\_64 2.5-4.el7 ol7-u1-x64-1\_0-patch-current 290 k

libcgroup x86\_64 0.41-11.el7 ol7-u1-x64-1\_0-patch-current 64 k

libsemanage-python x86\_64 2.5-5.1.el7\_3 ol7-u1-x64-1\_0-patch-current 103 k

python-IPy noarch 0.75-6.el7 ol7-u1-x64-1\_0-patch-current 32 k

setools-libs x86\_64 3.3.8-1.1.el7 ol7-u1-x64-1\_0-patch-current 611 k

Updating for dependencies:

audit x86\_64 2.6.5-3.el7\_3.1 ol7-u1-x64-1\_0-patch-current 232 k

audit-libs x86\_64 2.6.5-3.el7\_3.1 ol7-u1-x64-1\_0-patch-current 84 k

libgudev1 x86\_64 219-30.0.1.el7\_3.7 ol7-u1-x64-1\_0-patch-current 76 k

libselinux x86\_64 2.5-6.el7 ol7-u1-x64-1\_0-patch-current 161 k

libselinux-python x86\_64 2.5-6.el7 ol7-u1-x64-1\_0-patch-current 233 k

libselinux-ruby x86\_64 2.5-6.el7 ol7-u1-x64-1\_0-patch-current 119 k

libselinux-utils x86\_64 2.5-6.el7 ol7-u1-x64-1\_0-patch-current 150 k

libsemanage x86\_64 2.5-5.1.el7\_3 ol7-u1-x64-1\_0-patch-current 144 k

libsepol x86\_64 2.5-6.el7 ol7-u1-x64-1\_0-patch-current 287 k

policycoreutils x86\_64 2.5-11.0.1.el7\_3 ol7-u1-x64-1\_0-patch-current 841 k

selinux-policy noarch 3.13.1-102.0.2.el7\_3.15 ol7-u1-x64-1\_0-patch-current 413 k

systemd-libs x86\_64 219-30.0.1.el7\_3.7 ol7-u1-x64-1\_0-patch-current 369 k

systemd-sysv x86\_64 219-30.0.1.el7\_3.7 ol7-u1-x64-1\_0-patch-current 64 k

Transaction Summary

=============================================================================================================================================

Install 1 Package (+ 6 Dependent packages)

Upgrade 2 Packages (+13 Dependent packages)

Total download size: 16 M

Downloading packages:

No Presto metadata available for ol7-u1-x64-1\_0-patch-current

(1/22): audit-libs-2.6.5-3.el7\_3.1.x86\_64.rpm | 84 kB 00:00:00

(2/22): audit-libs-python-2.6.5-3.el7\_3.1.x86\_64.rpm | 70 kB 00:00:00

(3/22): checkpolicy-2.5-4.el7.x86\_64.rpm | 290 kB 00:00:00

(4/22): libcgroup-0.41-11.el7.x86\_64.rpm | 64 kB 00:00:00

(5/22): libgudev1-219-30.0.1.el7\_3.7.x86\_64.rpm | 76 kB 00:00:00

(6/22): libselinux-2.5-6.el7.x86\_64.rpm | 161 kB 00:00:00

(7/22): libselinux-python-2.5-6.el7.x86\_64.rpm | 233 kB 00:00:00

(8/22): audit-2.6.5-3.el7\_3.1.x86\_64.rpm | 232 kB 00:00:00

(9/22): libselinux-ruby-2.5-6.el7.x86\_64.rpm | 119 kB 00:00:00

(10/22): libselinux-utils-2.5-6.el7.x86\_64.rpm | 150 kB 00:00:00

(11/22): libsemanage-2.5-5.1.el7\_3.x86\_64.rpm | 144 kB 00:00:00

(12/22): libsemanage-python-2.5-5.1.el7\_3.x86\_64.rpm | 103 kB 00:00:00

(13/22): libsepol-2.5-6.el7.x86\_64.rpm | 287 kB 00:00:00

(14/22): policycoreutils-2.5-11.0.1.el7\_3.x86\_64.rpm | 841 kB 00:00:00

(15/22): policycoreutils-python-2.5-11.0.1.el7\_3.x86\_64.rpm | 444 kB 00:00:00

(16/22): python-IPy-0.75-6.el7.noarch.rpm | 32 kB 00:00:00

(17/22): selinux-policy-3.13.1-102.0.2.el7\_3.15.noarch.rpm | 413 kB 00:00:00

(18/22): setools-libs-3.3.8-1.1.el7.x86\_64.rpm | 611 kB 00:00:00

(19/22): selinux-policy-targeted-3.13.1-102.0.2.el7\_3.15.noarch.rpm | 6.4 MB 00:00:00

(20/22): systemd-219-30.0.1.el7\_3.7.x86\_64.rpm | 5.2 MB 00:00:00

(21/22): systemd-libs-219-30.0.1.el7\_3.7.x86\_64.rpm | 369 kB 00:00:00

(22/22): systemd-sysv-219-30.0.1.el7\_3.7.x86\_64.rpm | 64 kB 00:00:00

---------------------------------------------------------------------------------------------------------------------------------------------

Total 16 MB/s | 16 MB 00:00:01

Running transaction check

Running transaction test

Transaction test succeeded

Running transaction

Updating : libsepol-2.5-6.el7.x86\_64 1/37

Updating : libselinux-2.5-6.el7.x86\_64 2/37

Updating : audit-libs-2.6.5-3.el7\_3.1.x86\_64 3/37

Updating : libsemanage-2.5-5.1.el7\_3.x86\_64 4/37

Updating : systemd-libs-219-30.0.1.el7\_3.7.x86\_64 5/37

Updating : systemd-219-30.0.1.el7\_3.7.x86\_64 6/37

Installing : libcgroup-0.41-11.el7.x86\_64 7/37

Updating : systemd-sysv-219-30.0.1.el7\_3.7.x86\_64 8/37

Installing : libsemanage-python-2.5-5.1.el7\_3.x86\_64 9/37

Installing : audit-libs-python-2.6.5-3.el7\_3.1.x86\_64 10/37

Updating : libselinux-python-2.5-6.el7.x86\_64 11/37

Updating : libselinux-utils-2.5-6.el7.x86\_64 12/37

Updating : policycoreutils-2.5-11.0.1.el7\_3.x86\_64 13/37

Updating : selinux-policy-3.13.1-102.0.2.el7\_3.15.noarch 14/37

Installing : setools-libs-3.3.8-1.1.el7.x86\_64 15/37

Installing : checkpolicy-2.5-4.el7.x86\_64 16/37

Installing : python-IPy-0.75-6.el7.noarch 17/37

Installing : policycoreutils-python-2.5-11.0.1.el7\_3.x86\_64 18/37

Updating : selinux-policy-targeted-3.13.1-102.0.2.el7\_3.15.noarch 19/37

warning: /etc/selinux/targeted/seusers created as /etc/selinux/targeted/seusers.rpmnew

â/etc/selinux/targeted/modules/active/seusersâ -> â/etc/selinux/targeted/active/seusers.localâ

Updating : audit-2.6.5-3.el7\_3.1.x86\_64 20/37

Updating : libgudev1-219-30.0.1.el7\_3.7.x86\_64 21/37

Updating : libselinux-ruby-2.5-6.el7.x86\_64 22/37

Cleanup : audit-2.4.1-5.el7.x86\_64 23/37

Cleanup : selinux-policy-targeted-3.13.1-60.0.1.el7\_2.3.noarch 24/37

warning: /etc/selinux/targeted/modules/active/seusers.final saved as /etc/selinux/targeted/modules/active/seusers.final.rpmsave

Cleanup : selinux-policy-3.13.1-60.0.1.el7\_2.3.noarch 25/37

Cleanup : systemd-sysv-219-19.0.2.el7\_2.7.x86\_64 26/37

Cleanup : policycoreutils-2.2.5-20.0.1.el7.x86\_64 27/37

Cleanup : libsemanage-2.1.10-18.el7.x86\_64 28/37

Cleanup : systemd-219-19.0.2.el7\_2.7.x86\_64 29/37

Cleanup : libselinux-utils-2.2.2-6.el7.x86\_64 30/37

Cleanup : libgudev1-219-19.0.2.el7\_2.7.x86\_64 31/37

Cleanup : systemd-libs-219-19.0.2.el7\_2.7.x86\_64 32/37

Cleanup : libselinux-ruby-2.2.2-6.el7.x86\_64 33/37

Cleanup : libselinux-python-2.2.2-6.el7.x86\_64 34/37

Cleanup : libselinux-2.2.2-6.el7.x86\_64 35/37

Cleanup : libsepol-2.1.9-3.el7.x86\_64 36/37

Cleanup : audit-libs-2.4.1-5.el7.x86\_64 37/37

Verifying : libsepol-2.5-6.el7.x86\_64 1/37

Verifying : libselinux-python-2.5-6.el7.x86\_64 2/37

Verifying : libselinux-utils-2.5-6.el7.x86\_64 3/37

Verifying : audit-2.6.5-3.el7\_3.1.x86\_64 4/37

Verifying : systemd-219-30.0.1.el7\_3.7.x86\_64 5/37

Verifying : libselinux-ruby-2.5-6.el7.x86\_64 6/37

Verifying : selinux-policy-targeted-3.13.1-102.0.2.el7\_3.15.noarch 7/37

Verifying : python-IPy-0.75-6.el7.noarch 8/37

Verifying : libgudev1-219-30.0.1.el7\_3.7.x86\_64 9/37

Verifying : systemd-libs-219-30.0.1.el7\_3.7.x86\_64 10/37

Verifying : libsemanage-2.5-5.1.el7\_3.x86\_64 11/37

Verifying : libcgroup-0.41-11.el7.x86\_64 12/37

Verifying : policycoreutils-python-2.5-11.0.1.el7\_3.x86\_64 13/37

Verifying : libselinux-2.5-6.el7.x86\_64 14/37

Verifying : systemd-sysv-219-30.0.1.el7\_3.7.x86\_64 15/37

Verifying : policycoreutils-2.5-11.0.1.el7\_3.x86\_64 16/37

Verifying : audit-libs-python-2.6.5-3.el7\_3.1.x86\_64 17/37

Verifying : libsemanage-python-2.5-5.1.el7\_3.x86\_64 18/37

Verifying : audit-libs-2.6.5-3.el7\_3.1.x86\_64 19/37

Verifying : selinux-policy-3.13.1-102.0.2.el7\_3.15.noarch 20/37

Verifying : setools-libs-3.3.8-1.1.el7.x86\_64 21/37

Verifying : checkpolicy-2.5-4.el7.x86\_64 22/37

Verifying : systemd-libs-219-19.0.2.el7\_2.7.x86\_64 23/37

Verifying : libselinux-ruby-2.2.2-6.el7.x86\_64 24/37

Verifying : selinux-policy-targeted-3.13.1-60.0.1.el7\_2.3.noarch 25/37

Verifying : libsemanage-2.1.10-18.el7.x86\_64 26/37

Verifying : libgudev1-219-19.0.2.el7\_2.7.x86\_64 27/37

Verifying : systemd-219-19.0.2.el7\_2.7.x86\_64 28/37

Verifying : libselinux-utils-2.2.2-6.el7.x86\_64 29/37

Verifying : policycoreutils-2.2.5-20.0.1.el7.x86\_64 30/37

Verifying : libsepol-2.1.9-3.el7.x86\_64 31/37

Verifying : audit-libs-2.4.1-5.el7.x86\_64 32/37

Verifying : libselinux-python-2.2.2-6.el7.x86\_64 33/37

Verifying : systemd-sysv-219-19.0.2.el7\_2.7.x86\_64 34/37

Verifying : audit-2.4.1-5.el7.x86\_64 35/37

Verifying : libselinux-2.2.2-6.el7.x86\_64 36/37

Verifying : selinux-policy-3.13.1-60.0.1.el7\_2.3.noarch 37/37

Installed:

policycoreutils-python.x86\_64 0:2.5-11.0.1.el7\_3

Dependency Installed:

audit-libs-python.x86\_64 0:2.6.5-3.el7\_3.1 checkpolicy.x86\_64 0:2.5-4.el7 libcgroup.x86\_64 0:0.41-11.el7

libsemanage-python.x86\_64 0:2.5-5.1.el7\_3 python-IPy.noarch 0:0.75-6.el7 setools-libs.x86\_64 0:3.3.8-1.1.el7

Updated:

selinux-policy-targeted.noarch 0:3.13.1-102.0.2.el7\_3.15 systemd.x86\_64 0:219-30.0.1.el7\_3.7

Dependency Updated:

audit.x86\_64 0:2.6.5-3.el7\_3.1 audit-libs.x86\_64 0:2.6.5-3.el7\_3.1 libgudev1.x86\_64 0:219-30.0.1.el7\_3.7

libselinux.x86\_64 0:2.5-6.el7 libselinux-python.x86\_64 0:2.5-6.el7 libselinux-ruby.x86\_64 0:2.5-6.el7

libselinux-utils.x86\_64 0:2.5-6.el7 libsemanage.x86\_64 0:2.5-5.1.el7\_3 libsepol.x86\_64 0:2.5-6.el7

policycoreutils.x86\_64 0:2.5-11.0.1.el7\_3 selinux-policy.noarch 0:3.13.1-102.0.2.el7\_3.15 systemd-libs.x86\_64 0:219-30.0.1.el7\_3.7

systemd-sysv.x86\_64 0:219-30.0.1.el7\_3.7

Complete!

Redirecting to /bin/systemctl start mysqld.service

Loaded plugins: ulninfo

Examining ocie-server-7.1.0-2016.05.J2330.x86\_64.rpm: ocie-server-7.1.0-2016.05.J2330.x86\_64

Marking ocie-server-7.1.0-2016.05.J2330.x86\_64.rpm as an update to ocie-server-1.3.0-2016.09.2066.x86\_64

Examining ocie-serverbase-7.1.0-2017.03.J2294.x86\_64.rpm: ocie-serverbase-7.1.0-2017.03.J2294.x86\_64

ocie-serverbase-7.1.0-2017.03.J2294.x86\_64.rpm: does not update installed package.

Resolving Dependencies

--> Running transaction check

---> Package ocie-server.x86\_64 0:1.3.0-2016.09.2066 will be updated

---> Package ocie-server.x86\_64 0:7.1.0-2016.05.J2330 will be an update

--> Finished Dependency Resolution

Dependencies Resolved

=============================================================================================================================================

Package Arch Version Repository Size

=============================================================================================================================================

Updating:

ocie-server x86\_64 7.1.0-2016.05.J2330 /ocie-server-7.1.0-2016.05.J2330.x86\_64 15 M

Transaction Summary

=============================================================================================================================================

Upgrade 1 Package

Total size: 15 M

Downloading packages:

Running transaction check

Running transaction test

Transaction test succeeded

Running transaction

Warning: RPMDB altered outside of yum.

Updating : ocie-server-7.1.0-2016.05.J2330.x86\_64 1/2

Cleanup : ocie-server-1.3.0-2016.09.2066.x86\_64 2/2

Verifying : ocie-server-7.1.0-2016.05.J2330.x86\_64 1/2

Verifying : ocie-server-1.3.0-2016.09.2066.x86\_64 2/2

Updated:

ocie-server.x86\_64 0:7.1.0-2016.05.J2330

Complete!

Loaded plugins: ulninfo

Examining ocie-au-7.1.0-2016.05.J2330.x86\_64.rpm: ocie-au-7.1.0-2016.05.J2330.x86\_64

Marking ocie-au-7.1.0-2016.05.J2330.x86\_64.rpm as an update to ocie-au-1.3.0-2016.09.2066.x86\_64

Resolving Dependencies

--> Running transaction check

---> Package ocie-au.x86\_64 0:1.3.0-2016.09.2066 will be updated

---> Package ocie-au.x86\_64 0:7.1.0-2016.05.J2330 will be an update

--> Finished Dependency Resolution

Dependencies Resolved

=============================================================================================================================================

Package Arch Version Repository Size

=============================================================================================================================================

Updating:

ocie-au x86\_64 7.1.0-2016.05.J2330 /ocie-au-7.1.0-2016.05.J2330.x86\_64 26 M

Transaction Summary

=============================================================================================================================================

Upgrade 1 Package

Total size: 26 M

Downloading packages:

Running transaction check

Running transaction test

Transaction test succeeded

Running transaction

Updating : ocie-au-7.1.0-2016.05.J2330.x86\_64 1/2

keystore : [/opt/netapp/data/ocie/server.keystore] is up to date

Cleanup : ocie-au-1.3.0-2016.09.2066.x86\_64 2/2

Verifying : ocie-au-7.1.0-2016.05.J2330.x86\_64 1/2

Verifying : ocie-au-1.3.0-2016.09.2066.x86\_64 2/2

Updated:

ocie-au.x86\_64 0:7.1.0-2016.05.J2330

Complete!

Loaded plugins: ulninfo

Examining mysql-community-release-el7-5.noarch.rpm: mysql-community-release-el7-5.noarch

mysql-community-release-el7-5.noarch.rpm: does not update installed package.

Examining netapp-application-server-7.1.0-2017.03.J2294.x86\_64.rpm: netapp-application-server-7.1.0-2017.03.J2294.x86\_64

netapp-application-server-7.1.0-2017.03.J2294.x86\_64.rpm: does not update installed package.

Examining netapp-ocum-7.1P1-x86\_64.rpm: netapp-ocum-7.1-1703161350.x86\_64

Marking netapp-ocum-7.1P1-x86\_64.rpm as an update to netapp-ocum-6.4-1609200719.x86\_64

Examining netapp-platform-base-7.1.0-2017.03.J2294.el7.x86\_64.rpm: netapp-platform-base-7.1.0-2017.03.J2294.x86\_64

netapp-platform-base-7.1.0-2017.03.J2294.el7.x86\_64.rpm: does not update installed package.

Examining node.x86\_64.rpm: netapp-node-4.4.7-1703161350.x86\_64

Marking node.x86\_64.rpm as an update to netapp-node-4.4.7-1609200719.x86\_64

Examining ocie-au-7.1.0-2016.05.J2330.x86\_64.rpm: ocie-au-7.1.0-2016.05.J2330.x86\_64

ocie-au-7.1.0-2016.05.J2330.x86\_64.rpm: does not update installed package.

Examining ocie-server-7.1.0-2016.05.J2330.x86\_64.rpm: ocie-server-7.1.0-2016.05.J2330.x86\_64

ocie-server-7.1.0-2016.05.J2330.x86\_64.rpm: does not update installed package.

Examining ocie-serverbase-7.1.0-2017.03.J2294.x86\_64.rpm: ocie-serverbase-7.1.0-2017.03.J2294.x86\_64

ocie-serverbase-7.1.0-2017.03.J2294.x86\_64.rpm: does not update installed package.

Examining rp.x86\_64.rpm: rp-1.0-1703161350.x86\_64

Marking rp.x86\_64.rpm as an update to rp-1.0-1609200719.x86\_64

Resolving Dependencies

--> Running transaction check

---> Package netapp-node.x86\_64 0:4.4.7-1609200719 will be updated

---> Package netapp-node.x86\_64 0:4.4.7-1703161350 will be an update

---> Package netapp-ocum.x86\_64 0:6.4-1609200719 will be updated

---> Package netapp-ocum.x86\_64 0:7.1-1703161350 will be an update

---> Package rp.x86\_64 0:1.0-1609200719 will be updated

---> Package rp.x86\_64 0:1.0-1703161350 will be an update

--> Finished Dependency Resolution

Dependencies Resolved

=============================================================================================================================================

Package Arch Version Repository Size

=============================================================================================================================================

Updating:

netapp-node x86\_64 4.4.7-1703161350 /node.x86\_64 12 M

netapp-ocum x86\_64 7.1-1703161350 /netapp-ocum-7.1P1-x86\_64 511 M

rp x86\_64 1.0-1703161350 /rp.x86\_64 4.3 M

Transaction Summary

=============================================================================================================================================

Upgrade 3 Packages

Total size: 528 M

Downloading packages:

Running transaction check

Running transaction test

Transaction test succeeded

Running transaction

Upgrade Detected...

Removing old NodeJS installation package

Updating : netapp-node-4.4.7-1703161350.x86\_64 1/6

Creating NodeJS Base directory

Starting Nodejs installation

Setting environment parameters

Finished installing Nodejs

Back up existing RP certificates

Updating : rp-1.0-1703161350.x86\_64 2/6

Starting Reverse Proxy installation

Restore RP certificates

Finished installing Reverse Proxy

Upgrading OnCommand Unified Manager

Warning: rp.service changed on disk. Run 'systemctl daemon-reload' to reload units.

Redirecting to /bin/systemctl stop mysqld.service

Updating : netapp-ocum-7.1-1703161350.x86\_64 3/6

Redirecting to /bin/systemctl start mysqld.service

Redirecting to /bin/systemctl stop mysqld.service

Redirecting to /bin/systemctl start mysqld.service

/etc/init.d/ocie: line 337: ulimit: open files: cannot modify limit: Invalid argument

Redirecting to /bin/systemctl status mysqld.service

Starting NetApp OnCommand Insight Essentials Server service. This may take couple of minutes

Successfully started NetApp OnCommand Insight Essentials Server service

Started NetApp OnCommand Insight Essentials Server service.

Starting NetApp OnCommand Insight Essentials Acqisition service ocieau

NetApp OnCommand Insight Essentials Acquisition service started successfully

OnCommand Unified Manager upgraded successfully.

Use a web browser and one of the following URL(s) to configure and access the OnCommand Unified Manager GUI.

https://10.220.177.71/

https://orf-opm-02.int.thomsonreuters.com/

Cleanup : netapp-ocum-6.4-1609200719.x86\_64 4/6

Cleanup : rp-1.0-1609200719.x86\_64 5/6

Cleanup : netapp-node-4.4.7-1609200719.x86\_64 6/6

Verifying : netapp-node-4.4.7-1703161350.x86\_64 1/6

Verifying : netapp-ocum-7.1-1703161350.x86\_64 2/6

Verifying : rp-1.0-1703161350.x86\_64 3/6

Verifying : rp-1.0-1609200719.x86\_64 4/6

Verifying : netapp-node-4.4.7-1609200719.x86\_64 5/6

Verifying : netapp-ocum-6.4-1609200719.x86\_64 6/6

Updated:

netapp-node.x86\_64 0:4.4.7-1703161350 netapp-ocum.x86\_64 0:7.1-1703161350 rp.x86\_64 0:1.0-1703161350

Complete!

Sourcing post-upgrade scripts

There is no post-upgrade script in post-upgrade.

Updated to OCUM 7.1 Cleaning files

Cleaning up install files for OCUM 7.1

orf-opm-02:/var/tmp #

## Upgrade OPM 2.0 🡪 7.1P1

The below is an entire upgrade session from start to finish. You get the script, make it executable and run it.

orf-opm-03:/var/tmp # ./upgrade-to-7.1P1

Checking /var/tmp filesystem space

It is recommended to ensure you take a snapshot of the OCUM/OPM VM prior to upgrade

Press enter to continue

Not a 6.3 OCUM server .... continuing

This is a OPM server running 2.0, proceeding with interim upgrade to 2.1P2

Getting package: OnCommandPerformanceManager-2.1.0P2.zip

--2017-04-04 07:18:59-- http://10.220.179.83:8080/2.1P2-TR/OnCommandPerformanceManager-2.1.0P2.zip

Resolving webproxy.int.westgroup.com (webproxy.int.westgroup.com)... 163.231.226.49

Connecting to webproxy.int.westgroup.com (webproxy.int.westgroup.com)|163.231.226.49|:80... connected.

Proxy request sent, awaiting response... 200 OK

Length: 329451801 (314M) [application/zip]

Saving to: âOnCommandPerformanceManager-2.1.0P2.zipâ

100%[====================================================================================>] 329,451,801 50.4MB/s in 6.4s

2017-04-04 07:19:05 (49.4 MB/s) - âOnCommandPerformanceManager-2.1.0P2.zipâ saved [329451801/329451801]

Extracting package

Archive: OnCommandPerformanceManager-2.1.0P2.zip

creating: post-upgrade/

creating: pre-upgrade/

inflating: netapp-opm-2.1.0.2016.04.326-1.x86\_64.rpm

inflating: ocf-server-1.3.1-2016.05.J160.x86\_64.rpm

inflating: ocie-au-1.3.0-2016.09.2066.x86\_64.rpm

inflating: ocie-server-1.3.0-2016.09.2066.x86\_64.rpm

inflating: ocie-serverbase-1.3.0-2016.09.2066.x86\_64.rpm

inflating: post-upgrade/10\_create\_or\_migrate\_db

inflating: post-upgrade/20\_start\_service

inflating: post-upgrade/50\_change\_permission\_on\_files

inflating: pre-upgrade/10\_copy\_certificates

inflating: pre\_install\_check.sh

inflating: upgrade.sh

Getting package: ThirdPartyDependencies-2.1.0P2-rhel7.zip

--2017-04-04 07:19:09-- http://10.220.179.83:8080/2.1P2-TR/ThirdPartyDependencies-2.1.0P2-rhel7.zip

Resolving webproxy.int.westgroup.com (webproxy.int.westgroup.com)... 163.231.226.49

Connecting to webproxy.int.westgroup.com (webproxy.int.westgroup.com)|163.231.226.49|:80... connected.

Proxy request sent, awaiting response... 200 OK

Length: 84253673 (80M) [application/zip]

Saving to: âThirdPartyDependencies-2.1.0P2-rhel7.zipâ

100%[====================================================================================>] 84,253,673 47.7MB/s in 1.7s

2017-04-04 07:19:10 (47.7 MB/s) - âThirdPartyDependencies-2.1.0P2-rhel7.zipâ saved [84253673/84253673]

Extracting package

Archive: ThirdPartyDependencies-2.1.0P2-rhel7.zip

inflating: MySQL-client-5.6.31-1.el7.x86\_64.rpm

inflating: MySQL-server-5.6.31-1.el7.x86\_64.rpm

inflating: MySQL-shared-compat-5.6.31-1.el7.x86\_64.rpm

Getting TR OPM package install script

--2017-04-04 07:19:12-- http://10.220.179.83:8080/2.1P2-TR/upgrade.sh

Resolving webproxy.int.westgroup.com (webproxy.int.westgroup.com)... 163.231.226.49

Connecting to webproxy.int.westgroup.com (webproxy.int.westgroup.com)|163.231.226.49|:80... connected.

Proxy request sent, awaiting response... 200 OK

Length: 3044 (3.0K) [application/x-sh]

Saving to: âupgrade.shâ

100%[====================================================================================>] 3,044 --.-K/s in 0s

2017-04-04 07:19:12 (107 MB/s) - âupgrade.shâ saved [3044/3044]

--2017-04-04 07:19:12-- http://10.220.179.83:8080/2.1P2-TR/pre\_install\_check.sh

Resolving webproxy.int.westgroup.com (webproxy.int.westgroup.com)... 163.231.226.49

Connecting to webproxy.int.westgroup.com (webproxy.int.westgroup.com)|163.231.226.49|:80... connected.

Proxy request sent, awaiting response... 200 OK

Length: 9343 (9.1K) [application/x-sh]

Saving to: âpre\_install\_check.shâ

100%[====================================================================================>] 9,343 --.-K/s in 0s

2017-04-04 07:19:12 (52.1 MB/s) - âpre\_install\_check.shâ saved [9343/9343]

--2017-04-04 07:19:12-- http://10.220.179.83:8080/2.1P2-TR/20\_start\_service

Resolving webproxy.int.westgroup.com (webproxy.int.westgroup.com)... 163.231.226.49

Connecting to webproxy.int.westgroup.com (webproxy.int.westgroup.com)|163.231.226.49|:80... connected.

Proxy request sent, awaiting response... 200 OK

Length: 759

Saving to: âpost-upgrade/20\_start\_serviceâ

100%[====================================================================================>] 759 --.-K/s in 0s

2017-04-04 07:19:12 (38.1 MB/s) - âpost-upgrade/20\_start\_serviceâ saved [759/759]

--2017-04-04 07:19:12-- http://10.220.179.83:8080/2.1P2-TR/ocie-watchdog

Resolving webproxy.int.westgroup.com (webproxy.int.westgroup.com)... 163.231.226.49

Connecting to webproxy.int.westgroup.com (webproxy.int.westgroup.com)|163.231.226.49|:80... connected.

Proxy request sent, awaiting response... 200 OK

Length: 579

Saving to: âocie-watchdogâ

100%[====================================================================================>] 579 --.-K/s in 0s

2017-04-04 07:19:12 (47.8 MB/s) - âocie-watchdogâ saved [579/579]

Running pre upgrade checks

Checking system...

Console output logged to pre\_install\_check.log

Checking for RHEL repository...

Passed.

Checking for the Red Hat Third Party Oracle Java repository...

Complete installation instructions are provided in the product installation

guide.

This product installation uses Red Hat yum software repositories and uses yum

to download required dependent software components if they are not already

present on the system. The included pre\_install\_check.sh script will check

for the existence of the required repositories and will provide instructions

on how to configure the repositories if they are not already enabled.

If you are unable to use the instructions to access the required repositories,

for example, if Internet access is not available from the system, you can

download the required RPMs and place them in this directory with the NetApp

software. The yum installer will detect them and use the local files instead

of attempting to download them from the Internet. Alternatively, if your site

has configured its own internal location for repositories, you can use those

files as long as they provide the same software as provided by Red Hat. Details

on not using the repositories are available in the installation guide.

Note: RPMâs with the same name, but that are from different repositories than

those listed in the installation guide, may not be compatible and are not

supported.

Warning: The Red Hat Third Party Oracle Java respository is not enabled.

Configure it for your installation using this command:

# subscription-manager repos --enable rhel-7-server-thirdparty-oracle-java-rpms

Checking for the Red Hat Extra Packages for Enterprise Linux (EPEL) repository...

Passed.

If your system is unable to connect to these repositories directly, contact

your IT department for information about connecting to internal mirrors, or

refer to the OnCommand installation or upgrade documentation for manual

download instructions.

Checking system for mariadb-libs package...

Repodata is over 2 weeks old. Install yum-cron? Or run: yum makecache fast

Passed.

Checking system for OpenJDK 8 package...

The system has OpenJDK 8 installed. Recent changes to OpenJDK packaging cause

it to take precedence over Oracleâs JDK. For more information see:

https://bugzilla.redhat.com/show\_bug.cgi?id=1189084 Remove the package by

executing the command:

# yum remove java-1.8.0-openjdk

# yum remove java-1.8.0-openjdk-headless

Checking system for OpenJDK 7 package...

Passed.

Checking system for noexec permission against /tmp partition...

Passed.

Checking system for perl-Data-Dumper package...

Repodata is over 2 weeks old. Install yum-cron? Or run: yum makecache fast

Passed.

No issues were detected.

To proceed with upgrading enter the following command as root,

in the current directory:

# ./upgrade.sh

Stopping services

Stopping NetApp OnCommand Insight Essentials Acquisition service...

Waiting for ocieau to shut down

..............................

Could not gracefully stop NetApp OnCommand Insight Essentials Acquisition service

Force stopping NetApp OnCommand Insight Essentials Acquisition service

Stopped NetApp OnCommand Insight Essentials Acquisition service

Stopping NetApp OnCommand Insight Essentials Server service

......

Stopped NetApp OnCommand Insight Essentials Server service

Sourcing pre-upgrade scripts

sourcing pre-upgrade/10\_copy\_certificates

Upgrading MySQL-client-5.6.31-1.el7.x86\_64.rpm MySQL-server-5.6.31-1.el7.x86\_64.rpm MySQL-shared-compat-5.6.31-1.el7.x86\_64.rpm

warning: MySQL-client-5.6.31-1.el7.x86\_64.rpm: Header V3 DSA/SHA1 Signature, key ID 5072e1f5: NOKEY

Giving mysqld 5 seconds to exit nicely

Starting MySQL... SUCCESS!

Giving mysqld 5 seconds to start

Setup mysql from existing configuration

Changing mysql configuration to install

Update mysql jboss user

Loaded plugins: ulninfo

Repodata is over 2 weeks old. Install yum-cron? Or run: yum makecache fast

Examining MySQL-client-5.6.31-1.el7.x86\_64.rpm: MySQL-client-5.6.31-1.el7.x86\_64

MySQL-client-5.6.31-1.el7.x86\_64.rpm: does not update installed package.

Examining MySQL-server-5.6.31-1.el7.x86\_64.rpm: MySQL-server-5.6.31-1.el7.x86\_64

MySQL-server-5.6.31-1.el7.x86\_64.rpm: does not update installed package.

Examining MySQL-shared-compat-5.6.31-1.el7.x86\_64.rpm: MySQL-shared-compat-5.6.31-1.el7.x86\_64

MySQL-shared-compat-5.6.31-1.el7.x86\_64.rpm: does not update installed package.

Examining netapp-opm-2.1.0.2016.04.326-1.x86\_64.rpm: netapp-opm-2.1.0.2016.04.326-1.x86\_64

Marking netapp-opm-2.1.0.2016.04.326-1.x86\_64.rpm as an update to netapp-opm-2.0.1.2015.11.23-1.x86\_64

Examining ocf-server-1.3.1-2016.05.J160.x86\_64.rpm: 1:ocf-server-1.3.1-2016.05.J160.x86\_64

Marking ocf-server-1.3.1-2016.05.J160.x86\_64.rpm as an update to 1:ocf-server-1.3.0-2015.08.J2031.x86\_64

Examining ocie-au-1.3.0-2016.09.2066.x86\_64.rpm: ocie-au-1.3.0-2016.09.2066.x86\_64

Marking ocie-au-1.3.0-2016.09.2066.x86\_64.rpm as an update to ocie-au-1.3.0-2015.08.1013.x86\_64

Examining ocie-server-1.3.0-2016.09.2066.x86\_64.rpm: ocie-server-1.3.0-2016.09.2066.x86\_64

Marking ocie-server-1.3.0-2016.09.2066.x86\_64.rpm as an update to ocie-server-1.3.0-2015.08.1013.x86\_64

Examining ocie-serverbase-1.3.0-2016.09.2066.x86\_64.rpm: ocie-serverbase-1.3.0-2016.09.2066.x86\_64

ocie-serverbase-1.3.0-2016.09.2066.x86\_64.rpm: does not update installed package.

Resolving Dependencies

--> Running transaction check

---> Package netapp-opm.x86\_64 0:2.0.1.2015.11.23-1 will be updated

---> Package netapp-opm.x86\_64 0:2.1.0.2016.04.326-1 will be an update

---> Package ocf-server.x86\_64 1:1.3.0-2015.08.J2031 will be updated

---> Package ocf-server.x86\_64 1:1.3.1-2016.05.J160 will be an update

---> Package ocie-au.x86\_64 0:1.3.0-2015.08.1013 will be updated

---> Package ocie-au.x86\_64 0:1.3.0-2016.09.2066 will be an update

---> Package ocie-server.x86\_64 0:1.3.0-2015.08.1013 will be updated

---> Package ocie-server.x86\_64 0:1.3.0-2016.09.2066 will be an update

--> Finished Dependency Resolution

Dependencies Resolved

==============================================================================================================================

Package Arch Version Repository Size

==============================================================================================================================

Updating:

netapp-opm x86\_64 2.1.0.2016.04.326-1 /netapp-opm-2.1.0.2016.04.326-1.x86\_64 88 M

ocf-server x86\_64 1:1.3.1-2016.05.J160 /ocf-server-1.3.1-2016.05.J160.x86\_64 105 M

ocie-au x86\_64 1.3.0-2016.09.2066 /ocie-au-1.3.0-2016.09.2066.x86\_64 12 M

ocie-server x86\_64 1.3.0-2016.09.2066 /ocie-server-1.3.0-2016.09.2066.x86\_64 7.0 M

Transaction Summary

==============================================================================================================================

Upgrade 4 Packages

Total size: 211 M

Downloading packages:

Running transaction check

Running transaction test

Transaction test succeeded

Running transaction

Warning: RPMDB altered outside of yum.

\*\* Found 3 pre-existing rpmdb problem(s), 'yum check' output follows:

ocie-serverbase-1.3.0-2016.09.2066.x86\_64 has installed conflicts java-1.8.0-openjdk: 1:java-1.8.0-openjdk-1.8.0.77-0.b03.el7\_2.x86\_64

ocie-serverbase-1.3.0-2016.09.2066.x86\_64 has installed conflicts java-1.8.0-openjdk-headless: 1:java-1.8.0-openjdk-headless-1.8.0.77-0.b03.el7\_2.x86\_64

ocie-serverbase-1.3.0-2016.09.2066.x86\_64 has missing requires of java-1.8.0-oracle >= ('1', '1.8.0.71', None)

Updating : ocie-server-1.3.0-2016.09.2066.x86\_64 1/8

Updating : ocie-au-1.3.0-2016.09.2066.x86\_64 2/8

usermod: no changes

Updating : 1:ocf-server-1.3.1-2016.05.J160.x86\_64 3/8

Configuring OCF...

Setting up ocf privileges for jboss user

Stopping OnCommand Performance Manager services before upgrade.

Successfully copied the jboss server.xml file to /tmp

Updating : netapp-opm-2.1.0.2016.04.326-1.x86\_64 4/8

OnCommand Performance Manager upgraded successfully.

Use a web browser and one of the following URL(s) to configure and access the OnCommand Performance Manager GUI.

https://10.220.177.74/

https://orf-opm-03.int.thomsonreuters.com/

Cleanup : netapp-opm-2.0.1.2015.11.23-1.x86\_64 5/8

Cleanup : 1:ocf-server-1.3.0-2015.08.J2031.x86\_64 6/8

Cleanup : ocie-au-1.3.0-2015.08.1013.x86\_64 7/8

Cleanup : ocie-server-1.3.0-2015.08.1013.x86\_64 8/8

Verifying : ocie-au-1.3.0-2016.09.2066.x86\_64 1/8

Verifying : ocie-server-1.3.0-2016.09.2066.x86\_64 2/8

Verifying : 1:ocf-server-1.3.1-2016.05.J160.x86\_64 3/8

Verifying : netapp-opm-2.1.0.2016.04.326-1.x86\_64 4/8

Verifying : ocie-au-1.3.0-2015.08.1013.x86\_64 5/8

Verifying : 1:ocf-server-1.3.0-2015.08.J2031.x86\_64 6/8

Verifying : netapp-opm-2.0.1.2015.11.23-1.x86\_64 7/8

Verifying : ocie-server-1.3.0-2015.08.1013.x86\_64 8/8

Updated:

netapp-opm.x86\_64 0:2.1.0.2016.04.326-1 ocf-server.x86\_64 1:1.3.1-2016.05.J160 ocie-au.x86\_64 0:1.3.0-2016.09.2066

ocie-server.x86\_64 0:1.3.0-2016.09.2066

Complete!

Sourcing post-upgrade scripts

sourcing post-upgrade/10\_create\_or\_migrate\_db

sourcing post-upgrade/20\_start\_service

nohup: appending output to ânohup.outâ

Starting NetApp OnCommand Insight Essentials Server service. This may take couple of minutes

generating server keystore for AU

generating AU client public certificate

Certificate stored in file </opt/netapp/essentials/au/conf/cert/au.cert.pem>

Certificate was added to keystore

Successfully started NetApp OnCommand Insight Essentials Server service

Starting NetApp OnCommand Insight Essentials Acquisition service

NetApp OnCommand Insight Essentials Acquisition service started successfully

sourcing post-upgrade/50\_change\_permission\_on\_files

Changing permissions on jboss directory...

Changing permissions on OCF Conf File and Log Dir...

Cleaning up install files for OPM 2.1P2

Installing MySQL Repo

--2017-04-04 07:32:05-- http://10.220.179.83:8080/7.1P1-OCUM-TR/mysql-community-release-el7-5.noarch.rpm

Resolving webproxy.int.westgroup.com (webproxy.int.westgroup.com)... 163.231.226.49

Connecting to webproxy.int.westgroup.com (webproxy.int.westgroup.com)|163.231.226.49|:80... connected.

Proxy request sent, awaiting response... 200 OK

Length: 6140 (6.0K) [application/x-rpm]

Saving to: âmysql-community-release-el7-5.noarch.rpmâ

100%[====================================================================================>] 6,140 --.-K/s in 0s

2017-04-04 07:32:05 (31.8 MB/s) - âmysql-community-release-el7-5.noarch.rpmâ saved [6140/6140]

Loaded plugins: ulninfo

Repodata is over 2 weeks old. Install yum-cron? Or run: yum makecache fast

Examining ./mysql-community-release-el7-5.noarch.rpm: mysql-community-release-el7-5.noarch

Marking ./mysql-community-release-el7-5.noarch.rpm to be installed

Resolving Dependencies

--> Running transaction check

---> Package mysql-community-release.noarch 0:el7-5 will be installed

--> Finished Dependency Resolution

Dependencies Resolved

==============================================================================================================================

Package Arch Version Repository Size

==============================================================================================================================

Installing:

mysql-community-release noarch el7-5 /mysql-community-release-el7-5.noarch 4.3 k

Transaction Summary

==============================================================================================================================

Install 1 Package

Total size: 4.3 k

Installed size: 4.3 k

Downloading packages:

Running transaction check

Running transaction test

Transaction test succeeded

Running transaction

Installing : mysql-community-release-el7-5.noarch 1/1

Verifying : mysql-community-release-el7-5.noarch 1/1

Installed:

mysql-community-release.noarch 0:el7-5

Complete!

Getting OPM 7.1 Packages

--2017-04-04 07:32:06-- http://10.220.179.83:8080/7.1P1-OPM-TR/OnCommandPerformanceManager-7.1P1.el7.zip

Resolving webproxy.int.westgroup.com (webproxy.int.westgroup.com)... 163.231.226.49

Connecting to webproxy.int.westgroup.com (webproxy.int.westgroup.com)|163.231.226.49|:80... connected.

Proxy request sent, awaiting response... 200 OK

Length: 341623811 (326M) [application/zip]

Saving to: âOnCommandPerformanceManager-7.1P1.el7.zipâ

100%[====================================================================================>] 341,623,811 50.2MB/s in 6.5s

2017-04-04 07:32:13 (50.0 MB/s) - âOnCommandPerformanceManager-7.1P1.el7.zipâ saved [341623811/341623811]

Extracting OPM 7.1 Package

Archive: OnCommandPerformanceManager-7.1P1.el7.zip

inflating: netapp-application-server-7.1.0-2017.03.J2294.x86\_64.rpm

inflating: netapp-opm-7.1.0.2017.01.N170308.1701.x86\_64.rpm

inflating: netapp-platform-base-7.1.0-2017.03.J2294.el7.x86\_64.rpm

inflating: ocf-server-7.1.0-2017.03.J2322.x86\_64.rpm

inflating: ocie-au-7.1.0-2016.05.J2330.x86\_64.rpm

inflating: ocie-server-7.1.0-2016.05.J2330.x86\_64.rpm

inflating: ocie-serverbase-7.1.0-2017.03.J2294.x86\_64.rpm

creating: post-upgrade/

creating: pre-upgrade/

inflating: post-upgrade/10\_create\_or\_migrate\_db

inflating: post-upgrade/20\_start\_service

inflating: post-upgrade/50\_change\_permission\_on\_files

inflating: pre-upgrade/10\_copy\_certificates

inflating: pre\_install\_check.sh

inflating: upgrade.sh

inflating: README

--2017-04-04 07:32:16-- http://10.220.179.83:8080/7.1P1-OPM-TR/upgrade.sh

Resolving webproxy.int.westgroup.com (webproxy.int.westgroup.com)... 163.231.226.49

Connecting to webproxy.int.westgroup.com (webproxy.int.westgroup.com)|163.231.226.49|:80... connected.

Proxy request sent, awaiting response... 200 OK

Length: 5985 (5.8K) [application/x-sh]

Saving to: â/var/tmp/upgrade.shâ

100%[====================================================================================>] 5,985 --.-K/s in 0s

2017-04-04 07:32:16 (101 MB/s) - â/var/tmp/upgrade.shâ saved [5985/5985]

Running pre upgrade checks

Checking system...

Console output logged to pre\_install\_check.log

Checking for RHEL repository...

Passed.

Checking for MySQL 5.6 Community repository...

Passed.

Checking for the Red Hat Extra Packages for Enterprise Linux (EPEL) repository...

Passed.

Checking system for noexec permission against /tmp partition...

Passed.

No issues were detected.

To proceed with upgrading enter the following command as root,

in the current directory:

# ./upgrade.sh

Stopping services

Stopping NetApp OnCommand Insight Essentials Acquisition service...

Waiting for ocieau to shut down

..............................

Could not gracefully stop NetApp OnCommand Insight Essentials Acquisition service

Force stopping NetApp OnCommand Insight Essentials Acquisition service

Stopped NetApp OnCommand Insight Essentials Acquisition service

Stopping NetApp OnCommand Insight Essentials Server service

.....

Stopped NetApp OnCommand Insight Essentials Server service

Sourcing pre-upgrade scripts

sourcing pre-upgrade/10\_copy\_certificates

Shutting down MySQL.... SUCCESS!

Loaded plugins: ulninfo

Examining ocie-serverbase-7.1.0-2017.03.J2294.x86\_64.rpm: ocie-serverbase-7.1.0-2017.03.J2294.x86\_64

Marking ocie-serverbase-7.1.0-2017.03.J2294.x86\_64.rpm as an update to ocie-serverbase-1.3.0-2016.09.2066.x86\_64

Resolving Dependencies

--> Running transaction check

---> Package ocie-serverbase.x86\_64 0:1.3.0-2016.09.2066 will be updated

---> Package ocie-serverbase.x86\_64 0:7.1.0-2017.03.J2294 will be an update

--> Finished Dependency Resolution

Dependencies Resolved

==============================================================================================================================

Package Arch Version Repository Size

==============================================================================================================================

Updating:

ocie-serverbase x86\_64 7.1.0-2017.03.J2294 /ocie-serverbase-7.1.0-2017.03.J2294.x86\_64 118

Transaction Summary

==============================================================================================================================

Upgrade 1 Package

Total size: 118

Downloading packages:

Running transaction check

Running transaction test

Transaction test succeeded

Running transaction

Updating : ocie-serverbase-7.1.0-2017.03.J2294.x86\_64 1/2

Cleanup : ocie-serverbase-1.3.0-2016.09.2066.x86\_64 2/2

warning: file /opt/netapp/essentials/jboss/server/onaro/tmp/.keep: remove failed: No such file or directory

Verifying : ocie-serverbase-7.1.0-2017.03.J2294.x86\_64 1/2

Verifying : ocie-serverbase-1.3.0-2016.09.2066.x86\_64 2/2

Updated:

ocie-serverbase.x86\_64 0:7.1.0-2017.03.J2294

Complete!

Loaded plugins: ulninfo

Examining netapp-application-server-7.1.0-2017.03.J2294.x86\_64.rpm: netapp-application-server-7.1.0-2017.03.J2294.x86\_64

Marking netapp-application-server-7.1.0-2017.03.J2294.x86\_64.rpm to be installed

Resolving Dependencies

--> Running transaction check

---> Package netapp-application-server.x86\_64 0:7.1.0-2017.03.J2294 will be installed

--> Finished Dependency Resolution

Dependencies Resolved

==============================================================================================================================

Package Arch Version Repository Size

==============================================================================================================================

Installing:

netapp-application-server x86\_64 7.1.0-2017.03.J2294 /netapp-application-server-7.1.0-2017.03.J2294.x86\_64 126 M

Transaction Summary

==============================================================================================================================

Install 1 Package

Total size: 126 M

Installed size: 126 M

Downloading packages:

Running transaction check

Running transaction test

Transaction test succeeded

Running transaction

Installing : netapp-application-server-7.1.0-2017.03.J2294.x86\_64 1/1

Verifying : netapp-application-server-7.1.0-2017.03.J2294.x86\_64 1/1

Installed:

netapp-application-server.x86\_64 0:7.1.0-2017.03.J2294

Complete!

Upgrading MySQL...

Loaded plugins: ulninfo

Resolving Dependencies

--> Running transaction check

---> Package MySQL-client.x86\_64 0:5.6.31-1.el7 will be obsoleted

---> Package MySQL-server.x86\_64 0:5.6.31-1.el7 will be obsoleted

---> Package mysql-community-client.x86\_64 0:5.6.35-2.el7 will be obsoleting

---> Package mysql-community-common.x86\_64 0:5.6.35-2.el7 will be installed

---> Package mysql-community-libs.x86\_64 0:5.6.35-2.el7 will be installed

---> Package mysql-community-server.x86\_64 0:5.6.35-2.el7 will be obsoleting

--> Processing Dependency: perl(DBI) for package: mysql-community-server-5.6.35-2.el7.x86\_64

--> Running transaction check

---> Package perl-DBI.x86\_64 0:1.627-4.el7 will be installed

--> Processing Dependency: perl(RPC::PlServer) >= 0.2001 for package: perl-DBI-1.627-4.el7.x86\_64

--> Processing Dependency: perl(RPC::PlClient) >= 0.2000 for package: perl-DBI-1.627-4.el7.x86\_64

--> Running transaction check

---> Package perl-PlRPC.noarch 0:0.2020-14.el7 will be installed

--> Processing Dependency: perl(Net::Daemon) >= 0.13 for package: perl-PlRPC-0.2020-14.el7.noarch

--> Processing Dependency: perl(Net::Daemon::Test) for package: perl-PlRPC-0.2020-14.el7.noarch

--> Processing Dependency: perl(Net::Daemon::Log) for package: perl-PlRPC-0.2020-14.el7.noarch

--> Processing Dependency: perl(Compress::Zlib) for package: perl-PlRPC-0.2020-14.el7.noarch

--> Running transaction check

---> Package perl-IO-Compress.noarch 0:2.061-2.el7 will be installed

--> Processing Dependency: perl(Compress::Raw::Zlib) >= 2.061 for package: perl-IO-Compress-2.061-2.el7.noarch

--> Processing Dependency: perl(Compress::Raw::Bzip2) >= 2.061 for package: perl-IO-Compress-2.061-2.el7.noarch

---> Package perl-Net-Daemon.noarch 0:0.48-5.el7 will be installed

--> Running transaction check

---> Package perl-Compress-Raw-Bzip2.x86\_64 0:2.061-3.el7 will be installed

---> Package perl-Compress-Raw-Zlib.x86\_64 1:2.061-4.el7 will be installed

--> Finished Dependency Resolution

Dependencies Resolved

==============================================================================================================================

Package Arch Version Repository Size

==============================================================================================================================

Installing:

mysql-community-client x86\_64 5.6.35-2.el7 mysql56-community 19 M

replacing MySQL-client.x86\_64 5.6.31-1.el7

mysql-community-common x86\_64 5.6.35-2.el7 mysql56-community 257 k

mysql-community-libs x86\_64 5.6.35-2.el7 mysql56-community 2.0 M

mysql-community-server x86\_64 5.6.35-2.el7 mysql56-community 59 M

replacing MySQL-server.x86\_64 5.6.31-1.el7

Installing for dependencies:

perl-Compress-Raw-Bzip2 x86\_64 2.061-3.el7 ol7-u1-x64-1\_0-patch-current 32 k

perl-Compress-Raw-Zlib x86\_64 1:2.061-4.el7 ol7-u1-x64-1\_0-patch-current 57 k

perl-DBI x86\_64 1.627-4.el7 ol7-u1-x64-1\_0-patch-current 801 k

perl-IO-Compress noarch 2.061-2.el7 ol7-u1-x64-1\_0-patch-current 259 k

perl-Net-Daemon noarch 0.48-5.el7 ol7-u1-x64-1\_0-patch-current 50 k

perl-PlRPC noarch 0.2020-14.el7 ol7-u1-x64-1\_0-patch-current 35 k

Transaction Summary

==============================================================================================================================

Install 4 Packages (+6 Dependent packages)

Total download size: 82 M

Downloading packages:

warning: /var/cache/yum/x86\_64/7Server/mysql56-community/packages/mysql-community-common-5.6.35-2.el7.x86\_64.rpm: Header V3 DSA/SHA1 Signature, key ID 5072e1f5: NOKEY

Public key for mysql-community-common-5.6.35-2.el7.x86\_64.rpm is not installed

(1/10): mysql-community-common-5.6.35-2.el7.x86\_64.rpm | 257 kB 00:00:00

(2/10): mysql-community-libs-5.6.35-2.el7.x86\_64.rpm | 2.0 MB 00:00:00

(3/10): perl-Compress-Raw-Bzip2-2.061-3.el7.x86\_64.rpm | 32 kB 00:00:00

(4/10): perl-Compress-Raw-Zlib-2.061-4.el7.x86\_64.rpm | 57 kB 00:00:00

(5/10): perl-DBI-1.627-4.el7.x86\_64.rpm | 801 kB 00:00:00

(6/10): perl-IO-Compress-2.061-2.el7.noarch.rpm | 259 kB 00:00:00

(7/10): perl-Net-Daemon-0.48-5.el7.noarch.rpm | 50 kB 00:00:00

(8/10): perl-PlRPC-0.2020-14.el7.noarch.rpm | 35 kB 00:00:00

(9/10): mysql-community-client-5.6.35-2.el7.x86\_64.rpm | 19 MB 00:00:01

(10/10): mysql-community-server-5.6.35-2.el7.x86\_64.rpm | 59 MB 00:00:02

------------------------------------------------------------------------------------------------------------------------------

Total 22 MB/s | 82 MB 00:00:03

Retrieving key from file:/etc/pki/rpm-gpg/RPM-GPG-KEY-mysql

Importing GPG key 0x5072E1F5:

Userid : "MySQL Release Engineering <mysql-build@oss.oracle.com>"

Fingerprint: a4a9 4068 76fc bd3c 4567 70c8 8c71 8d3b 5072 e1f5

Package : mysql-community-release-el7-5.noarch (@/mysql-community-release-el7-5.noarch)

From : file:/etc/pki/rpm-gpg/RPM-GPG-KEY-mysql

Running transaction check

Running transaction test

Transaction test succeeded

Running transaction

Installing : mysql-community-common-5.6.35-2.el7.x86\_64 1/12

Installing : mysql-community-libs-5.6.35-2.el7.x86\_64 2/12

Installing : mysql-community-client-5.6.35-2.el7.x86\_64 3/12

Installing : perl-Net-Daemon-0.48-5.el7.noarch 4/12

Installing : 1:perl-Compress-Raw-Zlib-2.061-4.el7.x86\_64 5/12

Installing : perl-Compress-Raw-Bzip2-2.061-3.el7.x86\_64 6/12

Installing : perl-IO-Compress-2.061-2.el7.noarch 7/12

Installing : perl-PlRPC-0.2020-14.el7.noarch 8/12

Installing : perl-DBI-1.627-4.el7.x86\_64 9/12

Installing : mysql-community-server-5.6.35-2.el7.x86\_64 10/12

Erasing : MySQL-server-5.6.31-1.el7.x86\_64 11/12

Erasing : MySQL-client-5.6.31-1.el7.x86\_64 12/12

Verifying : mysql-community-client-5.6.35-2.el7.x86\_64 1/12

Verifying : perl-Compress-Raw-Bzip2-2.061-3.el7.x86\_64 2/12

Verifying : mysql-community-libs-5.6.35-2.el7.x86\_64 3/12

Verifying : mysql-community-common-5.6.35-2.el7.x86\_64 4/12

Verifying : perl-PlRPC-0.2020-14.el7.noarch 5/12

Verifying : 1:perl-Compress-Raw-Zlib-2.061-4.el7.x86\_64 6/12

Verifying : perl-Net-Daemon-0.48-5.el7.noarch 7/12

Verifying : perl-DBI-1.627-4.el7.x86\_64 8/12

Verifying : perl-IO-Compress-2.061-2.el7.noarch 9/12

Verifying : mysql-community-server-5.6.35-2.el7.x86\_64 10/12

Verifying : MySQL-server-5.6.31-1.el7.x86\_64 11/12

Verifying : MySQL-client-5.6.31-1.el7.x86\_64 12/12

Installed:

mysql-community-client.x86\_64 0:5.6.35-2.el7 mysql-community-common.x86\_64 0:5.6.35-2.el7

mysql-community-libs.x86\_64 0:5.6.35-2.el7 mysql-community-server.x86\_64 0:5.6.35-2.el7

Dependency Installed:

perl-Compress-Raw-Bzip2.x86\_64 0:2.061-3.el7 perl-Compress-Raw-Zlib.x86\_64 1:2.061-4.el7 perl-DBI.x86\_64 0:1.627-4.el7

perl-IO-Compress.noarch 0:2.061-2.el7 perl-Net-Daemon.noarch 0:0.48-5.el7 perl-PlRPC.noarch 0:0.2020-14.el7

Replaced:

MySQL-client.x86\_64 0:5.6.31-1.el7 MySQL-server.x86\_64 0:5.6.31-1.el7

Complete!

Loaded plugins: ulninfo

Resolving Dependencies

--> Running transaction check

---> Package policycoreutils-python.x86\_64 0:2.5-11.0.1.el7\_3 will be installed

--> Processing Dependency: policycoreutils = 2.5-11.0.1.el7\_3 for package: policycoreutils-python-2.5-11.0.1.el7\_3.x86\_64

--> Processing Dependency: setools-libs >= 3.3.8-1 for package: policycoreutils-python-2.5-11.0.1.el7\_3.x86\_64

--> Processing Dependency: libsemanage-python >= 2.5-5 for package: policycoreutils-python-2.5-11.0.1.el7\_3.x86\_64

--> Processing Dependency: audit-libs-python >= 2.1.3-4 for package: policycoreutils-python-2.5-11.0.1.el7\_3.x86\_64

--> Processing Dependency: python-IPy for package: policycoreutils-python-2.5-11.0.1.el7\_3.x86\_64

--> Processing Dependency: libsepol.so.1(LIBSEPOL\_1.0)(64bit) for package: policycoreutils-python-2.5-11.0.1.el7\_3.x86\_64

--> Processing Dependency: libqpol.so.1(VERS\_1.4)(64bit) for package: policycoreutils-python-2.5-11.0.1.el7\_3.x86\_64

--> Processing Dependency: libqpol.so.1(VERS\_1.2)(64bit) for package: policycoreutils-python-2.5-11.0.1.el7\_3.x86\_64

--> Processing Dependency: libcgroup for package: policycoreutils-python-2.5-11.0.1.el7\_3.x86\_64

--> Processing Dependency: libapol.so.4(VERS\_4.0)(64bit) for package: policycoreutils-python-2.5-11.0.1.el7\_3.x86\_64

--> Processing Dependency: checkpolicy for package: policycoreutils-python-2.5-11.0.1.el7\_3.x86\_64

--> Processing Dependency: libqpol.so.1()(64bit) for package: policycoreutils-python-2.5-11.0.1.el7\_3.x86\_64

--> Processing Dependency: libapol.so.4()(64bit) for package: policycoreutils-python-2.5-11.0.1.el7\_3.x86\_64

--> Running transaction check

---> Package audit-libs-python.x86\_64 0:2.6.5-3.el7\_3.1 will be installed

--> Processing Dependency: audit-libs(x86-64) = 2.6.5-3.el7\_3.1 for package: audit-libs-python-2.6.5-3.el7\_3.1.x86\_64

---> Package checkpolicy.x86\_64 0:2.5-4.el7 will be installed

---> Package libcgroup.x86\_64 0:0.41-11.el7 will be installed

---> Package libsemanage-python.x86\_64 0:2.5-5.1.el7\_3 will be installed

--> Processing Dependency: libsemanage = 2.5-5.1.el7\_3 for package: libsemanage-python-2.5-5.1.el7\_3.x86\_64

--> Processing Dependency: libsemanage.so.1(LIBSEMANAGE\_1.1)(64bit) for package: libsemanage-python-2.5-5.1.el7\_3.x86\_64

---> Package libsepol.x86\_64 0:2.1.9-3.el7 will be updated

---> Package libsepol.x86\_64 0:2.5-6.el7 will be an update

---> Package policycoreutils.x86\_64 0:2.2.5-20.0.1.el7 will be updated

---> Package policycoreutils.x86\_64 0:2.5-11.0.1.el7\_3 will be an update

--> Processing Dependency: libselinux-utils >= 2.5-6 for package: policycoreutils-2.5-11.0.1.el7\_3.x86\_64

---> Package python-IPy.noarch 0:0.75-6.el7 will be installed

---> Package setools-libs.x86\_64 0:3.3.8-1.1.el7 will be installed

--> Processing Dependency: libselinux >= 2.5-0 for package: setools-libs-3.3.8-1.1.el7.x86\_64

--> Running transaction check

---> Package audit-libs.x86\_64 0:2.4.1-5.el7 will be updated

--> Processing Dependency: audit-libs = 2.4.1-5.el7 for package: audit-2.4.1-5.el7.x86\_64

---> Package audit-libs.x86\_64 0:2.6.5-3.el7\_3.1 will be an update

---> Package libselinux.x86\_64 0:2.2.2-6.el7 will be updated

--> Processing Dependency: libselinux = 2.2.2-6.el7 for package: libselinux-ruby-2.2.2-6.el7.x86\_64

--> Processing Dependency: libselinux = 2.2.2-6.el7 for package: libselinux-python-2.2.2-6.el7.x86\_64

---> Package libselinux.x86\_64 0:2.5-6.el7 will be an update

---> Package libselinux-utils.x86\_64 0:2.2.2-6.el7 will be updated

---> Package libselinux-utils.x86\_64 0:2.5-6.el7 will be an update

---> Package libsemanage.x86\_64 0:2.1.10-18.el7 will be updated

---> Package libsemanage.x86\_64 0:2.5-5.1.el7\_3 will be an update

--> Running transaction check

---> Package audit.x86\_64 0:2.4.1-5.el7 will be updated

---> Package audit.x86\_64 0:2.6.5-3.el7\_3.1 will be an update

---> Package libselinux-python.x86\_64 0:2.2.2-6.el7 will be updated

---> Package libselinux-python.x86\_64 0:2.5-6.el7 will be an update

---> Package libselinux-ruby.x86\_64 0:2.2.2-6.el7 will be updated

---> Package libselinux-ruby.x86\_64 0:2.5-6.el7 will be an update

--> Processing Conflict: libsemanage-2.5-5.1.el7\_3.x86\_64 conflicts selinux-policy-base < 3.13.1-66

--> Restarting Dependency Resolution with new changes.

--> Running transaction check

---> Package selinux-policy-targeted.noarch 0:3.13.1-60.0.1.el7\_2.3 will be updated

---> Package selinux-policy-targeted.noarch 0:3.13.1-102.0.2.el7\_3.15 will be an update

--> Processing Dependency: selinux-policy = 3.13.1-102.0.2.el7\_3.15 for package: selinux-policy-targeted-3.13.1-102.0.2.el7\_3.15.noarch

--> Processing Dependency: selinux-policy = 3.13.1-102.0.2.el7\_3.15 for package: selinux-policy-targeted-3.13.1-102.0.2.el7\_3.15.noarch

--> Running transaction check

---> Package selinux-policy.noarch 0:3.13.1-60.0.1.el7\_2.3 will be updated

---> Package selinux-policy.noarch 0:3.13.1-102.0.2.el7\_3.15 will be an update

--> Processing Conflict: libselinux-2.5-6.el7.x86\_64 conflicts systemd < 219-20

--> Restarting Dependency Resolution with new changes.

--> Running transaction check

---> Package systemd.x86\_64 0:219-19.0.2.el7\_2.7 will be updated

--> Processing Dependency: systemd = 219-19.0.2.el7\_2.7 for package: systemd-sysv-219-19.0.2.el7\_2.7.x86\_64

---> Package systemd.x86\_64 0:219-30.0.1.el7\_3.7 will be an update

--> Processing Dependency: systemd-libs = 219-30.0.1.el7\_3.7 for package: systemd-219-30.0.1.el7\_3.7.x86\_64

--> Running transaction check

---> Package systemd-libs.x86\_64 0:219-19.0.2.el7\_2.7 will be updated

--> Processing Dependency: systemd-libs = 219-19.0.2.el7\_2.7 for package: libgudev1-219-19.0.2.el7\_2.7.x86\_64

---> Package systemd-libs.x86\_64 0:219-30.0.1.el7\_3.7 will be an update

---> Package systemd-sysv.x86\_64 0:219-19.0.2.el7\_2.7 will be updated

---> Package systemd-sysv.x86\_64 0:219-30.0.1.el7\_3.7 will be an update

--> Running transaction check

---> Package libgudev1.x86\_64 0:219-19.0.2.el7\_2.7 will be updated

---> Package libgudev1.x86\_64 0:219-30.0.1.el7\_3.7 will be an update

--> Finished Dependency Resolution

Dependencies Resolved

==============================================================================================================================

Package Arch Version Repository Size

==============================================================================================================================

Installing:

policycoreutils-python x86\_64 2.5-11.0.1.el7\_3 ol7-u1-x64-1\_0-patch-current 444 k

Updating:

selinux-policy-targeted noarch 3.13.1-102.0.2.el7\_3.15 ol7-u1-x64-1\_0-patch-current 6.4 M

systemd x86\_64 219-30.0.1.el7\_3.7 ol7-u1-x64-1\_0-patch-current 5.2 M

Installing for dependencies:

audit-libs-python x86\_64 2.6.5-3.el7\_3.1 ol7-u1-x64-1\_0-patch-current 70 k

checkpolicy x86\_64 2.5-4.el7 ol7-u1-x64-1\_0-patch-current 290 k

libcgroup x86\_64 0.41-11.el7 ol7-u1-x64-1\_0-patch-current 64 k

libsemanage-python x86\_64 2.5-5.1.el7\_3 ol7-u1-x64-1\_0-patch-current 103 k

python-IPy noarch 0.75-6.el7 ol7-u1-x64-1\_0-patch-current 32 k

setools-libs x86\_64 3.3.8-1.1.el7 ol7-u1-x64-1\_0-patch-current 611 k

Updating for dependencies:

audit x86\_64 2.6.5-3.el7\_3.1 ol7-u1-x64-1\_0-patch-current 232 k

audit-libs x86\_64 2.6.5-3.el7\_3.1 ol7-u1-x64-1\_0-patch-current 84 k

libgudev1 x86\_64 219-30.0.1.el7\_3.7 ol7-u1-x64-1\_0-patch-current 76 k

libselinux x86\_64 2.5-6.el7 ol7-u1-x64-1\_0-patch-current 161 k

libselinux-python x86\_64 2.5-6.el7 ol7-u1-x64-1\_0-patch-current 233 k

libselinux-ruby x86\_64 2.5-6.el7 ol7-u1-x64-1\_0-patch-current 119 k

libselinux-utils x86\_64 2.5-6.el7 ol7-u1-x64-1\_0-patch-current 150 k

libsemanage x86\_64 2.5-5.1.el7\_3 ol7-u1-x64-1\_0-patch-current 144 k

libsepol x86\_64 2.5-6.el7 ol7-u1-x64-1\_0-patch-current 287 k

policycoreutils x86\_64 2.5-11.0.1.el7\_3 ol7-u1-x64-1\_0-patch-current 841 k

selinux-policy noarch 3.13.1-102.0.2.el7\_3.15 ol7-u1-x64-1\_0-patch-current 413 k

systemd-libs x86\_64 219-30.0.1.el7\_3.7 ol7-u1-x64-1\_0-patch-current 369 k

systemd-sysv x86\_64 219-30.0.1.el7\_3.7 ol7-u1-x64-1\_0-patch-current 64 k

Transaction Summary

==============================================================================================================================

Install 1 Package (+ 6 Dependent packages)

Upgrade 2 Packages (+13 Dependent packages)

Total download size: 16 M

Downloading packages:

No Presto metadata available for ol7-u1-x64-1\_0-patch-current

(1/22): audit-2.6.5-3.el7\_3.1.x86\_64.rpm | 232 kB 00:00:00

(2/22): audit-libs-2.6.5-3.el7\_3.1.x86\_64.rpm | 84 kB 00:00:00

(3/22): audit-libs-python-2.6.5-3.el7\_3.1.x86\_64.rpm | 70 kB 00:00:00

(4/22): checkpolicy-2.5-4.el7.x86\_64.rpm | 290 kB 00:00:00

(5/22): libcgroup-0.41-11.el7.x86\_64.rpm | 64 kB 00:00:00

(6/22): libgudev1-219-30.0.1.el7\_3.7.x86\_64.rpm | 76 kB 00:00:00

(7/22): libselinux-python-2.5-6.el7.x86\_64.rpm | 233 kB 00:00:00

(8/22): libselinux-2.5-6.el7.x86\_64.rpm | 161 kB 00:00:00

(9/22): libselinux-ruby-2.5-6.el7.x86\_64.rpm | 119 kB 00:00:00

(10/22): libselinux-utils-2.5-6.el7.x86\_64.rpm | 150 kB 00:00:00

(11/22): libsemanage-2.5-5.1.el7\_3.x86\_64.rpm | 144 kB 00:00:00

(12/22): libsepol-2.5-6.el7.x86\_64.rpm | 287 kB 00:00:00

(13/22): libsemanage-python-2.5-5.1.el7\_3.x86\_64.rpm | 103 kB 00:00:00

(14/22): policycoreutils-2.5-11.0.1.el7\_3.x86\_64.rpm | 841 kB 00:00:00

(15/22): policycoreutils-python-2.5-11.0.1.el7\_3.x86\_64.rpm | 444 kB 00:00:00

(16/22): selinux-policy-3.13.1-102.0.2.el7\_3.15.noarch.rpm | 413 kB 00:00:00

(17/22): python-IPy-0.75-6.el7.noarch.rpm | 32 kB 00:00:00

(18/22): setools-libs-3.3.8-1.1.el7.x86\_64.rpm | 611 kB 00:00:00

(19/22): selinux-policy-targeted-3.13.1-102.0.2.el7\_3.15.noarch.rpm | 6.4 MB 00:00:00

(20/22): systemd-219-30.0.1.el7\_3.7.x86\_64.rpm | 5.2 MB 00:00:00

(21/22): systemd-libs-219-30.0.1.el7\_3.7.x86\_64.rpm | 369 kB 00:00:00

(22/22): systemd-sysv-219-30.0.1.el7\_3.7.x86\_64.rpm | 64 kB 00:00:00

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Total 20 MB/s | 16 MB 00:00:00

Running transaction check

Running transaction test

Transaction test succeeded

Running transaction

Updating : libsepol-2.5-6.el7.x86\_64 1/37

Updating : libselinux-2.5-6.el7.x86\_64 2/37

Updating : audit-libs-2.6.5-3.el7\_3.1.x86\_64 3/37

Updating : libsemanage-2.5-5.1.el7\_3.x86\_64 4/37

Updating : systemd-libs-219-30.0.1.el7\_3.7.x86\_64 5/37

Updating : systemd-219-30.0.1.el7\_3.7.x86\_64 6/37

Installing : libcgroup-0.41-11.el7.x86\_64 7/37

Updating : systemd-sysv-219-30.0.1.el7\_3.7.x86\_64 8/37

Installing : libsemanage-python-2.5-5.1.el7\_3.x86\_64 9/37

Installing : audit-libs-python-2.6.5-3.el7\_3.1.x86\_64 10/37

Updating : libselinux-python-2.5-6.el7.x86\_64 11/37

Updating : libselinux-utils-2.5-6.el7.x86\_64 12/37

Updating : policycoreutils-2.5-11.0.1.el7\_3.x86\_64 13/37

Updating : selinux-policy-3.13.1-102.0.2.el7\_3.15.noarch 14/37

Installing : setools-libs-3.3.8-1.1.el7.x86\_64 15/37

Installing : checkpolicy-2.5-4.el7.x86\_64 16/37

Installing : python-IPy-0.75-6.el7.noarch 17/37

Installing : policycoreutils-python-2.5-11.0.1.el7\_3.x86\_64 18/37

Updating : selinux-policy-targeted-3.13.1-102.0.2.el7\_3.15.noarch 19/37

warning: /etc/selinux/targeted/seusers created as /etc/selinux/targeted/seusers.rpmnew

â/etc/selinux/targeted/modules/active/seusersâ -> â/etc/selinux/targeted/active/seusers.localâ

Updating : audit-2.6.5-3.el7\_3.1.x86\_64 20/37

Updating : libgudev1-219-30.0.1.el7\_3.7.x86\_64 21/37

Updating : libselinux-ruby-2.5-6.el7.x86\_64 22/37

Cleanup : audit-2.4.1-5.el7.x86\_64 23/37

Cleanup : selinux-policy-targeted-3.13.1-60.0.1.el7\_2.3.noarch 24/37

warning: /etc/selinux/targeted/modules/active/seusers.final saved as /etc/selinux/targeted/modules/active/seusers.final.rpmsave

Cleanup : selinux-policy-3.13.1-60.0.1.el7\_2.3.noarch 25/37

Cleanup : systemd-sysv-219-19.0.2.el7\_2.7.x86\_64 26/37

Cleanup : policycoreutils-2.2.5-20.0.1.el7.x86\_64 27/37

Cleanup : libsemanage-2.1.10-18.el7.x86\_64 28/37

Cleanup : systemd-219-19.0.2.el7\_2.7.x86\_64 29/37

Cleanup : libselinux-utils-2.2.2-6.el7.x86\_64 30/37

Cleanup : libgudev1-219-19.0.2.el7\_2.7.x86\_64 31/37

Cleanup : systemd-libs-219-19.0.2.el7\_2.7.x86\_64 32/37

Cleanup : libselinux-ruby-2.2.2-6.el7.x86\_64 33/37

Cleanup : libselinux-python-2.2.2-6.el7.x86\_64 34/37

Cleanup : libselinux-2.2.2-6.el7.x86\_64 35/37

Cleanup : libsepol-2.1.9-3.el7.x86\_64 36/37

Cleanup : audit-libs-2.4.1-5.el7.x86\_64 37/37

Verifying : libsepol-2.5-6.el7.x86\_64 1/37

Verifying : libselinux-python-2.5-6.el7.x86\_64 2/37

Verifying : libselinux-utils-2.5-6.el7.x86\_64 3/37

Verifying : audit-2.6.5-3.el7\_3.1.x86\_64 4/37

Verifying : systemd-219-30.0.1.el7\_3.7.x86\_64 5/37

Verifying : libselinux-ruby-2.5-6.el7.x86\_64 6/37

Verifying : selinux-policy-targeted-3.13.1-102.0.2.el7\_3.15.noarch 7/37

Verifying : python-IPy-0.75-6.el7.noarch 8/37

Verifying : libgudev1-219-30.0.1.el7\_3.7.x86\_64 9/37

Verifying : systemd-libs-219-30.0.1.el7\_3.7.x86\_64 10/37

Verifying : libsemanage-2.5-5.1.el7\_3.x86\_64 11/37

Verifying : libcgroup-0.41-11.el7.x86\_64 12/37

Verifying : policycoreutils-python-2.5-11.0.1.el7\_3.x86\_64 13/37

Verifying : libselinux-2.5-6.el7.x86\_64 14/37

Verifying : systemd-sysv-219-30.0.1.el7\_3.7.x86\_64 15/37

Verifying : policycoreutils-2.5-11.0.1.el7\_3.x86\_64 16/37

Verifying : audit-libs-python-2.6.5-3.el7\_3.1.x86\_64 17/37

Verifying : libsemanage-python-2.5-5.1.el7\_3.x86\_64 18/37

Verifying : audit-libs-2.6.5-3.el7\_3.1.x86\_64 19/37

Verifying : selinux-policy-3.13.1-102.0.2.el7\_3.15.noarch 20/37

Verifying : setools-libs-3.3.8-1.1.el7.x86\_64 21/37

Verifying : checkpolicy-2.5-4.el7.x86\_64 22/37

Verifying : systemd-libs-219-19.0.2.el7\_2.7.x86\_64 23/37

Verifying : libselinux-ruby-2.2.2-6.el7.x86\_64 24/37

Verifying : selinux-policy-targeted-3.13.1-60.0.1.el7\_2.3.noarch 25/37

Verifying : libsemanage-2.1.10-18.el7.x86\_64 26/37

Verifying : libgudev1-219-19.0.2.el7\_2.7.x86\_64 27/37

Verifying : systemd-219-19.0.2.el7\_2.7.x86\_64 28/37

Verifying : libselinux-utils-2.2.2-6.el7.x86\_64 29/37

Verifying : policycoreutils-2.2.5-20.0.1.el7.x86\_64 30/37

Verifying : libsepol-2.1.9-3.el7.x86\_64 31/37

Verifying : audit-libs-2.4.1-5.el7.x86\_64 32/37

Verifying : libselinux-python-2.2.2-6.el7.x86\_64 33/37

Verifying : systemd-sysv-219-19.0.2.el7\_2.7.x86\_64 34/37

Verifying : audit-2.4.1-5.el7.x86\_64 35/37

Verifying : libselinux-2.2.2-6.el7.x86\_64 36/37

Verifying : selinux-policy-3.13.1-60.0.1.el7\_2.3.noarch 37/37

Installed:

policycoreutils-python.x86\_64 0:2.5-11.0.1.el7\_3

Dependency Installed:

audit-libs-python.x86\_64 0:2.6.5-3.el7\_3.1 checkpolicy.x86\_64 0:2.5-4.el7 libcgroup.x86\_64 0:0.41-11.el7

libsemanage-python.x86\_64 0:2.5-5.1.el7\_3 python-IPy.noarch 0:0.75-6.el7 setools-libs.x86\_64 0:3.3.8-1.1.el7

Updated:

selinux-policy-targeted.noarch 0:3.13.1-102.0.2.el7\_3.15 systemd.x86\_64 0:219-30.0.1.el7\_3.7

Dependency Updated:

audit.x86\_64 0:2.6.5-3.el7\_3.1 audit-libs.x86\_64 0:2.6.5-3.el7\_3.1

libgudev1.x86\_64 0:219-30.0.1.el7\_3.7 libselinux.x86\_64 0:2.5-6.el7

libselinux-python.x86\_64 0:2.5-6.el7 libselinux-ruby.x86\_64 0:2.5-6.el7

libselinux-utils.x86\_64 0:2.5-6.el7 libsemanage.x86\_64 0:2.5-5.1.el7\_3

libsepol.x86\_64 0:2.5-6.el7 policycoreutils.x86\_64 0:2.5-11.0.1.el7\_3

selinux-policy.noarch 0:3.13.1-102.0.2.el7\_3.15 systemd-libs.x86\_64 0:219-30.0.1.el7\_3.7

systemd-sysv.x86\_64 0:219-30.0.1.el7\_3.7

Complete!

Redirecting to /bin/systemctl start mysqld.service

Loaded plugins: ulninfo

Examining ocie-server-7.1.0-2016.05.J2330.x86\_64.rpm: ocie-server-7.1.0-2016.05.J2330.x86\_64

Marking ocie-server-7.1.0-2016.05.J2330.x86\_64.rpm as an update to ocie-server-1.3.0-2016.09.2066.x86\_64

Examining ocie-serverbase-7.1.0-2017.03.J2294.x86\_64.rpm: ocie-serverbase-7.1.0-2017.03.J2294.x86\_64

ocie-serverbase-7.1.0-2017.03.J2294.x86\_64.rpm: does not update installed package.

Resolving Dependencies

--> Running transaction check

---> Package ocie-server.x86\_64 0:1.3.0-2016.09.2066 will be updated

---> Package ocie-server.x86\_64 0:7.1.0-2016.05.J2330 will be an update

--> Finished Dependency Resolution

Dependencies Resolved

==============================================================================================================================

Package Arch Version Repository Size

==============================================================================================================================

Updating:

ocie-server x86\_64 7.1.0-2016.05.J2330 /ocie-server-7.1.0-2016.05.J2330.x86\_64 15 M

Transaction Summary

==============================================================================================================================

Upgrade 1 Package

Total size: 15 M

Downloading packages:

Running transaction check

Running transaction test

Transaction test succeeded

Running transaction

Warning: RPMDB altered outside of yum.

Updating : ocie-server-7.1.0-2016.05.J2330.x86\_64 1/2

Cleanup : ocie-server-1.3.0-2016.09.2066.x86\_64 2/2

Verifying : ocie-server-7.1.0-2016.05.J2330.x86\_64 1/2

Verifying : ocie-server-1.3.0-2016.09.2066.x86\_64 2/2

Updated:

ocie-server.x86\_64 0:7.1.0-2016.05.J2330

Complete!

Loaded plugins: ulninfo

Examining ocie-au-7.1.0-2016.05.J2330.x86\_64.rpm: ocie-au-7.1.0-2016.05.J2330.x86\_64

Marking ocie-au-7.1.0-2016.05.J2330.x86\_64.rpm as an update to ocie-au-1.3.0-2016.09.2066.x86\_64

Resolving Dependencies

--> Running transaction check

---> Package ocie-au.x86\_64 0:1.3.0-2016.09.2066 will be updated

---> Package ocie-au.x86\_64 0:7.1.0-2016.05.J2330 will be an update

--> Finished Dependency Resolution

Dependencies Resolved

==============================================================================================================================

Package Arch Version Repository Size

==============================================================================================================================

Updating:

ocie-au x86\_64 7.1.0-2016.05.J2330 /ocie-au-7.1.0-2016.05.J2330.x86\_64 26 M

Transaction Summary

==============================================================================================================================

Upgrade 1 Package

Total size: 26 M

Downloading packages:

Running transaction check

Running transaction test

Transaction test succeeded

Running transaction

Updating : ocie-au-7.1.0-2016.05.J2330.x86\_64 1/2

keystore : [/opt/netapp/data/ocie/server.keystore] is up to date

Cleanup : ocie-au-1.3.0-2016.09.2066.x86\_64 2/2

Verifying : ocie-au-7.1.0-2016.05.J2330.x86\_64 1/2

Verifying : ocie-au-1.3.0-2016.09.2066.x86\_64 2/2

Updated:

ocie-au.x86\_64 0:7.1.0-2016.05.J2330

Complete!

Loaded plugins: ulninfo

Examining mysql-community-release-el7-5.noarch.rpm: mysql-community-release-el7-5.noarch

mysql-community-release-el7-5.noarch.rpm: does not update installed package.

Examining netapp-application-server-7.1.0-2017.03.J2294.x86\_64.rpm: netapp-application-server-7.1.0-2017.03.J2294.x86\_64

netapp-application-server-7.1.0-2017.03.J2294.x86\_64.rpm: does not update installed package.

Examining netapp-opm-7.1.0.2017.01.N170308.1701.x86\_64.rpm: netapp-opm-7.1.0-2017.01.N170308.1701.x86\_64

Marking netapp-opm-7.1.0.2017.01.N170308.1701.x86\_64.rpm as an update to netapp-opm-2.1.0.2016.04.326-1.x86\_64

Examining netapp-platform-base-7.1.0-2017.03.J2294.el7.x86\_64.rpm: netapp-platform-base-7.1.0-2017.03.J2294.x86\_64

netapp-platform-base-7.1.0-2017.03.J2294.el7.x86\_64.rpm: does not update installed package.

Examining ocf-server-7.1.0-2017.03.J2322.x86\_64.rpm: 1:ocf-server-7.1.0-2017.03.J2322.x86\_64

Marking ocf-server-7.1.0-2017.03.J2322.x86\_64.rpm as an update to 1:ocf-server-1.3.1-2016.05.J160.x86\_64

Examining ocie-au-7.1.0-2016.05.J2330.x86\_64.rpm: ocie-au-7.1.0-2016.05.J2330.x86\_64

ocie-au-7.1.0-2016.05.J2330.x86\_64.rpm: does not update installed package.

Examining ocie-server-7.1.0-2016.05.J2330.x86\_64.rpm: ocie-server-7.1.0-2016.05.J2330.x86\_64

ocie-server-7.1.0-2016.05.J2330.x86\_64.rpm: does not update installed package.

Examining ocie-serverbase-7.1.0-2017.03.J2294.x86\_64.rpm: ocie-serverbase-7.1.0-2017.03.J2294.x86\_64

ocie-serverbase-7.1.0-2017.03.J2294.x86\_64.rpm: does not update installed package.

Resolving Dependencies

--> Running transaction check

---> Package netapp-opm.x86\_64 0:2.1.0.2016.04.326-1 will be updated

---> Package netapp-opm.x86\_64 0:7.1.0-2017.01.N170308.1701 will be an update

---> Package ocf-server.x86\_64 1:1.3.1-2016.05.J160 will be updated

---> Package ocf-server.x86\_64 1:7.1.0-2017.03.J2322 will be an update

--> Finished Dependency Resolution

Dependencies Resolved

==============================================================================================================================

Package Arch Version Repository Size

==============================================================================================================================

Updating:

netapp-opm x86\_64 7.1.0-2017.01.N170308.1701 /netapp-opm-7.1.0.2017.01.N170308.1701.x86\_64 87 M

ocf-server x86\_64 1:7.1.0-2017.03.J2322 /ocf-server-7.1.0-2017.03.J2322.x86\_64 109 M

Transaction Summary

==============================================================================================================================

Upgrade 2 Packages

Total size: 196 M

Downloading packages:

Running transaction check

Running transaction test

Transaction test succeeded

Running transaction

usermod: no changes

Redirecting to /bin/systemctl stop mysqld.service

Updating : 1:ocf-server-7.1.0-2017.03.J2322.x86\_64 1/4

Configuring OCF...

Setting up ocf privileges for jboss user

Redirecting to /bin/systemctl stop mysqld.service

Stopping OnCommand Performance Manager services before upgrade.

Redirecting to /bin/systemctl stop mysqld.service

Updating : netapp-opm-7.1.0-2017.01.N170308.1701.x86\_64 2/4

OnCommand Performance Manager upgraded successfully.

Use a web browser and one of the following URL(s) to configure and access the OnCommand Performance Manager GUI.

https://10.220.177.74/

or

https://orf-opm-03.int.thomsonreuters.com/

Cleanup : netapp-opm-2.1.0.2016.04.326-1.x86\_64 3/4

Cleanup : 1:ocf-server-1.3.1-2016.05.J160.x86\_64 4/4

Verifying : 1:ocf-server-7.1.0-2017.03.J2322.x86\_64 1/4

Verifying : netapp-opm-7.1.0-2017.01.N170308.1701.x86\_64 2/4

Verifying : 1:ocf-server-1.3.1-2016.05.J160.x86\_64 3/4

Verifying : netapp-opm-2.1.0.2016.04.326-1.x86\_64 4/4

Updated:

netapp-opm.x86\_64 0:7.1.0-2017.01.N170308.1701 ocf-server.x86\_64 1:7.1.0-2017.03.J2322

Complete!

Sourcing post-upgrade scripts

sourcing post-upgrade/10\_create\_or\_migrate\_db

sourcing post-upgrade/20\_start\_service

Redirecting to /bin/systemctl status mysqld.service

Starting NetApp OnCommand Insight Essentials Server service. This may take couple of minutes

Successfully started NetApp OnCommand Insight Essentials Server service

Starting NetApp OnCommand Insight Essentials Acqisition service ocieau

NetApp OnCommand Insight Essentials Acquisition service started successfully

sourcing post-upgrade/50\_change\_permission\_on\_files

Changing permissions on OCF Conf File and Log Dir...

Updated to OPM 7.1 Cleaning files

Cleaning up install files for OPM 7.1

orf-opm-03:/var/tmp #

## Post Upgrade Tasks

### Verify Functionality

Login to both OCUM and OPM systems, ensure all config is as required.

### Configure Full Integration

This is used to provide a single point of access to OCUM/OPM and will also have the effect of correctly supporting AD authentication as you only use the OCUM server for access to OPM after this is enabled.

orf-opm-03:/var/tmp # su - umadmin

Last login: Tue Apr 4 08:14:56 CDT 2017

OnCommand Performance Manager Maintenance Console

Version : 7.1P1

System ID : c84e79c2-3e84-4313-b3d0-4f5c19aeae29

Status : Running

Main Menu

---------

1 ) Support/Diagnostics

2 ) Reset Server Certificate

3 ) Unified Manager Integration

4 ) External Data Provider

5 ) Backup/Restore

6 ) Polling Interval Configuration

7 ) Enable Performance Data Migration User

x ) Exit

Enter your choice:3

Maintenance console requires password to perform this

operation, enter administrator password when prompted.

Re-enter password:

Unified Manager Integration

---------------------------

1 ) Full Integration - Single pane of glass for all management (Disabled)

2 ) Partial Integration - Event Publishing only (Enabled)

b ) Back

x ) Exit

Enter your choice: 2

Partial Integration "Event Publishing" Menu

-------------------------------------------

1 ) Display Partial Integration "Event Publishing" Settings

2 ) Add / Modify Partial Integration Settings

3 ) Disable Partial Integration

b ) Back

x ) Exit

Enter your choice: 3

Current Unified Manager Connection Settings:

--------------------------------------------

Unified Manager server name or IP = 10.220.177.71

Unified Manager server port = 443

Event publisher user name = admin

Event publisher password = \*\*\*\*\*\*\*\*

Unified Manager Connection will be deleted.

Do you wish to continue? (y/n):y

Purging any data that was communicated with the Unified Manager

Succeeded in sending purge request to current Unified Manager

Removing old certificate(s) from truststore: ocum

Removing certificate with alias: client\_1

Removed certificate.

Press any key to continue.

Partial Integration "Event Publishing" Menu

-------------------------------------------

1 ) Display Partial Integration "Event Publishing" Settings

2 ) Add / Modify Partial Integration Settings

3 ) Disable Partial Integration

b ) Back

x ) Exit

Enter your choice: b

Unified Manager Integration

---------------------------

1 ) Full Integration - Single pane of glass for all management (Disabled)

2 ) Partial Integration - Event publishing only (Disabled)

b ) Back

x ) Exit

Enter your choice: 1

Full Integration Menu

---------------------

1 ) Display Full Integration Settings

2 ) Enable Full Integration

b ) Back

x ) Exit

Enter your choice: 2

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

\* You are about to enable Full Integration with Unified Manager. Full \*

\* Integration should only be enabled when using Unified Manager version 6.4 \*

\* or greater. By enabling this feature: \*

\* \*

\* o - The Performance Manager UI will only be accessible through the \*

\* Unified Manager interface \*

\* o - All user accounts created on this Performance Manager will be \*

\* disabled and the Unified Manager user accounts must be used \*

\* \*

\* +--------------------------------------------------------------------+ \*

\* | !!!!!!!!!!!!!! | \*

\* | A backup of Performance Manager is strongly suggested before | \*

\* | enabling this feature. | \*

\* +--------------------------------------------------------------------+ \*

\* \*

\* To enable this feature have the following items ready: \*

\* \*

\* o - Unified Manager 6.4 (or greater) installed and configured \*

\* o - IP or FQDN address of the Unified Manager \*

\* o - Username and Password for the Administrator user for the \*

\* Unified Manager \*

\* o - Username and Password for the Event Publisher user created \*

\* on the Unified Manager \*

\* o - A unique name for this Performance Manager \*

\* \*

\* Note: Performance Manager must be restarted at the end of this \*

\* procedure \*

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Do you wish to continue? (y/n): y

+---------------------------------------------------------------------------+

| Step 1 of 4: Provide Unified Manager address and validate SSL certificate |

+---------------------------------------------------------------------------+

Unified Manager FQDN or IP : 10.220.177.71

Trying to reach Unified Manager at the specified address...

Retrieving SSL certificate...

++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++

Subject DN: CN=orf-opm-02.int.thomsonreuters.com

Serial Number: 5c:d2:1d:a1:cd:d7:0b:f6

(6688440977378970614)

Issuer DN: CN=orf-opm-02.int.thomsonreuters.com

Issued On: Tue Apr 19 03:35:54 CDT 2016

Expires On: Mon Apr 19 03:35:54 CDT 2021

Alternative Names: 10.220.177.71

orf-opm-02

orf-opm-02.int.thomsonreuters.com

MD5 Fingerprint: 20:82:2A:B8:55:6B:F1:30:55:C4:51:04:2F:A2:4A:E6

SHA1 Fingerprint: ED:EB:6E:68:F3:AE:76:30:BC:D3:30:41:AD:90:E5:E8:1A:BF:22:AA

++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++

Validate that the above certificate contains the correct information.

Do you want to accept this certificate? (y/n/q): y

+---------------------------------------------------------------------------+

| Step 2 of 4: Provide Unified Manager Administrator User and Password |

+---------------------------------------------------------------------------+

Administrator Username : umadmin

Administrator Password :

+---------------------------------------------------------------------------+

| Step 3 of 4: Provide Unified Manager Event Publisher User and Password |

+---------------------------------------------------------------------------+

Event Publisher Username : admin

Event Publisher Password :

+---------------------------------------------------------------------------+

| Step 4 of 4: Provide a unique name for this Performance Manager |

+---------------------------------------------------------------------------+

Unique Name : orf-opm-03

+++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++

You have entered the following information:

Unified Manager FQDN or IP : 10.220.177.71 (communication verified)

Administrator Username : umadmin

Event Publisher Username : admin

Unique Name : orf-opm-03

Are these settings correct? (y/n/q) : y

Generating Performance Manager Client Keystore and Certificate

Contacting Unified Manager...

Setting up secure communication path.

Registering with the Unified Manager Proxy succeeded

Adding new SSL certificate to truststore.

Setting Full Integration parameters

Registering required data with Unified Manager

Succeeded in sending registration request to the Unified Manager

Modifying server security, this will require you to restart the Performance

Manager service

\*\*\* Full Integration has been enabled \*\*\*

After this Performance Manager service has been restarted, use the

Unified Manager address to access this Performance Manager:

https://10.220.177.71

!!! Note, you will not be in Full Integration mode until you restart this !!!

!!! Performance Manager service !!!

Press any key to continue.

Full Integration Menu

---------------------

1 ) Display Full Integration Settings

2 ) Enable Full Integration

b ) Back

x ) Exit

Enter your choice:x

### Restart OPM

To apply the Full Integration settings do the following.

orf-opm-03:/var/tmp # service ocieau stop

Stopping NetApp OnCommand Insight Essentials Acquisition service ocieau

Stopping NetApp OnCommand Insight Essentials Acquisition service...

Waiting for ocieau to shut down

..............................

Could not gracefully stop NetApp OnCommand Insight Essentials Acquisition service ocieau

Force stopping NetApp OnCommand Insight Essentials Acquisition service

Stopped NetApp OnCommand Insight Essentials Acquisition service

orf-opm-03:/var/tmp # service ocie stop

Stopping NetApp OnCommand Insight Essentials Server service

..

Stopped NetApp OnCommand Insight Essentials Server service

orf-opm-03:/var/tmp # service mysql stop

Redirecting to /bin/systemctl stop mysql.service

orf-opm-03:/var/tmp # service mysql start

Redirecting to /bin/systemctl start mysql.service

orf-opm-03:/var/tmp # service ocie start

Redirecting to /bin/systemctl status mysqld.service

Starting NetApp OnCommand Insight Essentials Server service. This may take couple of minutes

Successfully started NetApp OnCommand Insight Essentials Server service

orf-opm-03:/var/tmp # service ocieau start

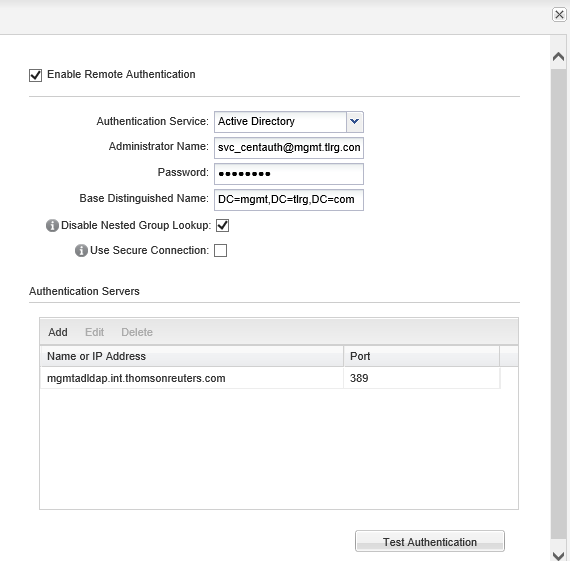
Starting NetApp OnCommand Insight Essentials Acqisition service ocieau

NetApp OnCommand Insight Essentials Acquisition service started successfully

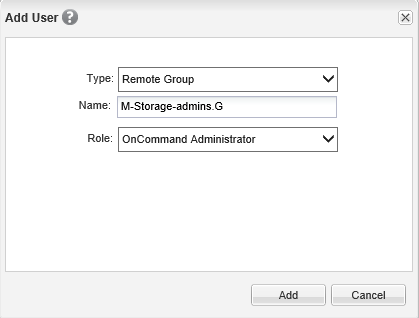
orf-opm-03:/var/tmp #

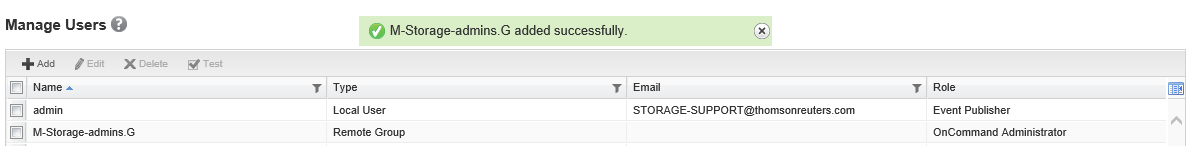
### Notes On AD Authentication

AD Authentication should already be setup on the OCUM server. With 7.1 you access OPM via the OCUM session once we have Full Integration enabled. You will only now need your mgmt\Mxxxxxxxxx account for access. If AD is not configured, you need the following:



And this group configured under the Users option.





# Rollback

In the event you need to roll back the VM you can either log a ticket with the VM Team if they created a snapshot for you or, if using NetApp SnapShots the following process can be used.

**Mount the datastore**

Temporarily export the datastore to a jump server.

mount 10.220.181.89:/vol/virt\_test\_esx\_02/virt\_test\_esx\_02\_qtree /mnt

Shutdown the VM

**Move the current VM directory to a different name**

mv orf-iand-04 orf-iand-04.ORG

**Restore using ndmpcopy**

eag-laborf-nas6210ht-2> ndmpcopy /vol/virt\_test\_esx\_02/virt\_test\_esx\_02\_qtree/.s napshot/PRE-UPGRADE/orf-iand-04 /vol/virt\_test\_esx\_02/virt\_test\_esx\_02\_qtree/orf -iand-04

Ndmpcopy: Starting copy [ 1 ] ...

Ndmpcopy: eag-laborf-nas6210ht-2: Notify: Connection established

Ndmpcopy: eag-laborf-nas6210ht-2: Notify: Connection established

Ndmpcopy: eag-laborf-nas6210ht-2: Connect: Authentication successful

Ndmpcopy: eag-laborf-nas6210ht-2: Connect: Authentication successful

Ndmpcopy: eag-laborf-nas6210ht-2: Log: DUMP: Using subtree dump

Ndmpcopy: eag-laborf-nas6210ht-2: Log: DUMP: Date of this level 0 dump: Tue Apr 25 09:05:32 2017.

Ndmpcopy: eag-laborf-nas6210ht-2: Log: DUMP: Date of last level 0 dump: the epoch.

Ndmpcopy: eag-laborf-nas6210ht-2: Log: DUMP: Dumping /vol/virt\_test\_esx\_02/virt\_test\_esx\_02\_qtree/.snapshot/PRE-UPGRADE/orf-iand-04 to NDMP connection

Ndmpcopy: eag-laborf-nas6210ht-2: Log: DUMP: mapping (Pass I)[regular files]

Ndmpcopy: eag-laborf-nas6210ht-2: Log: DUMP: mapping (Pass II)[directories]

Ndmpcopy: eag-laborf-nas6210ht-2: Log: DUMP: estimated 23825998 KB.

Ndmpcopy: eag-laborf-nas6210ht-2: Log: DUMP: dumping (Pass III) [directories]

Ndmpcopy: eag-laborf-nas6210ht-2: Log: DUMP: dumping (Pass IV) [regular files]

Ndmpcopy: eag-laborf-nas6210ht-2: Log: RESTORE: Tue Apr 25 09:43:51 2017: Begin level 0 restore

Ndmpcopy: eag-laborf-nas6210ht-2: Log: RESTORE: Tue Apr 25 09:43:51 2017: Reading directories from the backup

Ndmpcopy: eag-laborf-nas6210ht-2: Log: RESTORE: Tue Apr 25 09:43:52 2017: Creating files and directories.

Ndmpcopy: eag-laborf-nas6210ht-2: Log: RESTORE: Tue Apr 25 09:43:52 2017: Writing data to files.

Ndmpcopy: eag-laborf-nas6210ht-2: Log: ACL\_START is '15698167808'

Ndmpcopy: eag-laborf-nas6210ht-2: Log: RESTORE: Tue Apr 25 09:47:53 2017: Restoring NT ACLs.

Ndmpcopy: eag-laborf-nas6210ht-2: Log: DUMP: dumping (Pass V) [ACLs]

Ndmpcopy: eag-laborf-nas6210ht-2: Log: DUMP: 15330249 KB

Ndmpcopy: eag-laborf-nas6210ht-2: Log: DUMP: DUMP IS DONE

Ndmpcopy: eag-laborf-nas6210ht-2: Log: RESTORE: RESTORE IS DONE

Ndmpcopy: eag-laborf-nas6210ht-2: Notify: restore successful

Ndmpcopy: eag-laborf-nas6210ht-2: Log: DUMP\_DATE is '5788078428'

Ndmpcopy: eag-laborf-nas6210ht-2: Notify: dump successful

Ndmpcopy: Transfer successful [ 0 hours, 4 minutes, 10 seconds ]

Ndmpcopy: Done

**Start the VM**

If all is as expected delete the old (renamed) directory.

# rm -r orf-iand-04.ORG

# Upgrade Script

#!/bin/bash

#

# v1 - Ian Daniel - 20170317

# v2 - Ian Daniel - 20170404

#

#

# Set the HTTP Server IP and port to your distribution webserver.

#

HTTP\_SERVER=10.220.179.83:8080

#

# We need to install various RPMs for 7.1P1 and MySQL

# So have to set a proxy to enable access

#

export http\_proxy=http://webproxy.int.westgroup.com:80

#

# 6.3 Variables

#

OCUM\_BASE\_PKG=netapp-ocum-6.3-1510140339.x86\_64

OPM\_BASE\_PACKAGE=netapp-opm-2.0.1.2015.11.23-1.x86\_64

#

# 6.4 Variables

#

IOPM\_DIR=2.1P2-TR

IOCUM\_DIR=6.4P2-TR

INTERIM\_DFM\_PACKAGE=OnCommandUnifiedManager-6.4P2.zip

INTERIM\_OPM\_PACKAGE=OnCommandPerformanceManager-2.1.0P2.zip

INTERIM\_UTILS\_OCUM=ThirdPartyDependencies-6.4-rhel7.zip

INTERIM\_UTILS\_OPM=ThirdPartyDependencies-2.1.0P2-rhel7.zip

#

# 7.1P1 Variables

#

OPM\_DIR=7.1P1-OPM-TR

OCUM\_DIR=7.1P1-OCUM-TR

DFM\_PACKAGE=OnCommandUnifiedManager-rhel7-7.1P1.zip

OPM\_PACKAGE=OnCommandPerformanceManager-7.1P1.el7.zip

#

# Repo for required RPMs

#

MYSQL\_REPO=mysql-community-release-el7-5.noarch.rpm

#

# Global Variables

#

TMPDIR=/var/tmp

PATH=/bin:/usr/bin:$PATH

export PATH TMPDIR OPM\_PACKAGE DFM\_PACKAGE INTERIM\_OPM\_PACKAGE INTERIM\_DFM\_PACKAGE HTTP\_SERVER

if [ `whoami` != "root" ] ; then

echo "You need to be root to run `basename $0`"

exit 1

fi

# All work done in TMPDIR

cd $TMPDIR > /dev/null 2>&1

if [ $? -ne 0 ];then

echo "ERROR: TMPDIR $TMPDIR does not exist exiting"

exit 1

fi

banner()

{

echo ""

echo "It is recommended to ensure you take a snapshot of the OCUM/OPM VM prior to upgrade"

echo ""

read -p "Press enter to continue"

}

tidy\_21()

{

echo ""

echo "Cleaning up install files for OPM 2.1P2"

echo ""

rm -f $TMPDIR/ocf-server-1.3.1-2016.05.J160.x86\_64.rpm

rm -f $TMPDIR/ocie-au-1.3.0-2016.09.2066.x86\_64.rpm

rm -f $TMPDIR/ocie-server-1.3.0-2016.09.2066.x86\_64.rpm

rm -f $TMPDIR/ocie-serverbase-1.3.0-2016.09.2066.x86\_64.rpm

rm -f $TMPDIR/ThirdPartyDependencies-2.1.0P2-rhel7.zip

rm -f $TMPDIR/netapp-opm-2.1.0.2016.04.326-1.x86\_64.rpm

rm -f $TMPDIR/OnCommandPerformanceManager-2.1.0P2.zip

rm -f $TMPDIR/rp.x86\_64.rpm

rm -f $TMPDIR/pre\_install\_check.sh

rm -f $TMPDIR/upgrade.sh

rm -f $TMPDIR/MySQL-client-5.6.31-1.el7.x86\_64.rpm

rm -f $TMPDIR/MySQL-server-5.6.31-1.el7.x86\_64.rpm

rm -f $TMPDIR/MySQL-shared-compat-5.6.31-1.el7.x86\_64.rpm

rm -rf $TMPDIR/post-upgrade

rm -rf $TMPDIR/pre-upgrade

rm -rf $TMPDIR/ocie-watchdog

}

tidy\_64()

{

echo ""

echo "Cleaning up install files for OCUM 6.4P2"

echo ""

rm -f $TMPDIR/netapp-ocum-6.4P2-x86\_64.rpm

rm -f $TMPDIR/node.x86\_64.rpm

rm -f $TMPDIR/ocie-au-1.3.0-2016.09.2066.x86\_64.rpm

rm -f $TMPDIR/ocie-server-1.3.0-2016.09.2066.x86\_64.rpm

rm -f $TMPDIR/ocie-serverbase-1.3.0-2016.09.2066.x86\_64.rpm

rm -f $TMPDIR/rp.x86\_64.rpm

rm -f $TMPDIR/pre\_install\_check.sh

rm -f $TMPDIR/upgrade.sh

rm -f $TMPDIR/MySQL-client-5.6.31-1.el7.x86\_64.rpm

rm -f $TMPDIR/MySQL-server-5.6.31-1.el7.x86\_64.rpm

rm -f $TMPDIR/MySQL-shared-compat-5.6.31-1.el7.x86\_64.rpm

rm -f $TMPDIR/OnCommandUnifiedManager-6.4P2.zip

rm -f $TMPDIR/ThirdPartyDependencies-6.4-rhel7.zip

}

tidy\_oc71()

{

echo ""

echo "Cleaning up install files for OCUM 7.1"

echo ""

rm -f $TMPDIR/OnCommandUnifiedManager-rhel7-7.1.zip

rm -f $TMPDIR/mysql-community-release-el7-5.noarch.rpm

rm -f $TMPDIR/netapp-application-server-7.1.0-2016.11.J2293.x86\_64.rpm

rm -f $TMPDIR/netapp-ocum-7.1-x86\_64.rpm

rm -f $TMPDIR/pre\_install\_check.sh

rm -f $TMPDIR/netapp-platform-base-7.1.0-2016.11.J2293.el7.x86\_64.rpm

rm -f $TMPDIR/rp.x86\_64.rpm

rm -f $TMPDIR/node.x86\_64.rpm

rm -f $TMPDIR/ocie-au-7.1.0-2016.05.J2327.x86\_64.rpm

rm -f $TMPDIR/ocie-server-7.1.0-2016.05.J2327.x86\_64.rpm

rm -f $TMPDIR/upgrade.sh

rm -f $TMPDIR/ocie-serverbase-7.1.0-2016.11.J2293.x86\_64.rpm

rm -f $TMPDIR/netapp-application-server-7.1.0-2017.03.J2294.x86\_64.rpm

rm -f $TMPDIR/OnCommandUnifiedManager-rhel7-7.1P1.zip

rm -f $TMPDIR/netapp-ocum-7.1P1-x86\_64.rpm

rm -f $TMPDIR/netapp-platform-base-7.1.0-2017.03.J2294.el7.x86\_64.rpm

rm -f $TMPDIR/ocie-au-7.1.0-2016.05.J2330.x86\_64.rpm

rm -f $TMPDIR/ocie-server-7.1.0-2016.05.J2330.x86\_64.rpm

rm -f $TMPDIR/upgrade-to-7.1P1

rm -f $TMPDIR/ocie-serverbase-7.1.0-2017.03.J2294.x86\_64.rpm

}

tidy\_op71()

{

echo ""

echo "Cleaning up install files for OPM 7.1"

echo ""

rm -f $TMPDIR/mysql-community-release-el7-5.noarch.rpm

rm -f $TMPDIR/netapp-application-server-7.1.0-2016.11.J2293.x86\_64.rpm

rm -f $TMPDIR/netapp-opm-7.1.0.2017.01.N170118.0147.x86\_64.rpm

rm -f $TMPDIR/netapp-platform-base-7.1.0-2016.11.J2293.el7.x86\_64.rpm

rm -f $TMPDIR/ocf-server-7.1.0-2017.01.J2317.x86\_64.rpm

rm -f $TMPDIR/ocie-au-7.1.0-2016.05.J2327.x86\_64.rpm

rm -f $TMPDIR/ocie-server-7.1.0-2016.05.J2327.x86\_64.rpm

rm -f $TMPDIR/ocie-serverbase-7.1.0-2016.11.J2293.x86\_64.rpm

rm -f $TMPDIR/OnCommandPerformanceManager-7.1.el7.zip

rm -f $TMPDIR/pre\_install\_check.sh

rm -f $TMPDIR/README

rm -f $TMPDIR/upgrade.sh

rm -rf $TMPDIR/post-upgrade

rm -rf $TMPDIR/pre-upgrade

rm -f $TMPDIR/netapp-application-server-7.1.0-2017.03.J2294.x86\_64.rpm

rm -f $TMPDIR/netapp-opm-7.1.0.2017.01.N170308.1701.x86\_64.rpm

rm -f $TMPDIR/netapp-platform-base-7.1.0-2017.03.J2294.el7.x86\_64.rpm

rm -f $TMPDIR/ocf-server-7.1.0-2017.03.J2322.x86\_64.rpm

rm -f $TMPDIR/ocie-au-7.1.0-2016.05.J2330.x86\_64.rpm

rm -f $TMPDIR/ocie-server-7.1.0-2016.05.J2330.x86\_64.rpm

rm -f $TMPDIR/ocie-serverbase-7.1.0-2017.03.J2294.x86\_64.rpm

rm -f $TMPDIR/OnCommandPerformanceManager-7.1P1.el7.zip

rm -f $TMPDIR/upgrade-to-7.1P1

}

#Check Filesystem

fs\_chk()

{

fsys=$1

echo "Checking $fsys filesystem space"

df $fsys | grep -v File |awk -v SPC="$2" '{

err=0

if(NF == 6) {

if($4 < SPC) {

err=1

}

} else {

if($3 < SPC) {

err=1

}

}

} END {exit err}'

}

is\_dfm()

{

rpm -qi $OCUM\_BASE\_PKG >/dev/null 2>&1

if [ $? -ne 0 ];then

return 1

fi

}

is\_opm()

{

rpm -qi $OPM\_BASE\_PACKAGE >/dev/null 2>&1

if [ $? -ne 0 ];then

return 1

fi

}

#Get Interim OCUM Packages

get\_int\_dfm()

{

echo "Getting package: $INTERIM\_DFM\_PACKAGE"

wget http://$HTTP\_SERVER/$IOCUM\_DIR/$INTERIM\_DFM\_PACKAGE -O $INTERIM\_DFM\_PACKAGE

if [ $? -ne 0 ];then

echo "Failed to get package: $IOCUM\_DIR/$INTERIM\_DFM\_PACKAGE"

exit 1

else

echo "Extracting package"

unzip $INTERIM\_DFM\_PACKAGE

if [ $? -ne 0 ];then

echo "Failed to extract package: $INTERIM\_DFM\_PACKAGE"

exit 1

fi

fi

echo "Getting package: $INTERIM\_UTILS\_OCUM"

wget http://$HTTP\_SERVER/$IOCUM\_DIR/$INTERIM\_UTILS\_OCUM -O $INTERIM\_UTILS\_OCUM

if [ $? -ne 0 ];then

echo "Failed to get package: $IOCUM\_DIR/$INTERIM\_UTILS\_OCUM"

exit 1

else

echo "Extracting package"

unzip $INTERIM\_UTILS\_OCUM

if [ $? -ne 0 ];then

echo "Failed to extract package: $INTERIM\_UTILS\_OCUM"

exit 1

fi

fi

echo "Getting TR package install script"

wget http://$HTTP\_SERVER/$IOCUM\_DIR/upgrade.sh -O upgrade.sh

wget http://$HTTP\_SERVER/$IOCUM\_DIR/pre\_install\_check.sh -O pre\_install\_check.sh

if [ $? -ne 0 ];then

echo "Failed to get TR install script"

exit 1

fi

}

#Get Interim OPM Packages

get\_int\_opm()

{

echo "Getting package: $INTERIM\_OPM\_PACKAGE"

wget http://$HTTP\_SERVER/$IOPM\_DIR/$INTERIM\_OPM\_PACKAGE -O $INTERIM\_OPM\_PACKAGE

if [ $? -ne 0 ];then

echo "Failed to get package: $IOPM\_DIR/$INTERIM\_OPM\_PACKAGE"

exit 1

else

echo "Extracting package"

unzip $INTERIM\_OPM\_PACKAGE

if [ $? -ne 0 ];then

echo "Failed to extract package: $INTERIM\_OPM\_PACKAGE"

exit 1

fi

fi

echo "Getting package: $INTERIM\_UTILS\_OPM"

wget http://$HTTP\_SERVER/$IOPM\_DIR/$INTERIM\_UTILS\_OPM -O $INTERIM\_UTILS\_OPM

if [ $? -ne 0 ];then

echo "Failed to get package: $IOPM\_DIR/$INTERIM\_UTILS\_OPM"

exit 1

else

echo "Extracting package"

unzip $INTERIM\_UTILS\_OPM

if [ $? -ne 0 ];then

echo "Failed to extract package: $INTERIM\_UTILS\_OPM"

exit 1

fi

fi

echo "Getting TR OPM package install script"

wget http://$HTTP\_SERVER/$IOPM\_DIR/upgrade.sh -O upgrade.sh

wget http://$HTTP\_SERVER/$IOPM\_DIR/pre\_install\_check.sh -O pre\_install\_check.sh

wget http://$HTTP\_SERVER/$IOPM\_DIR/20\_start\_service -O post-upgrade/20\_start\_service

wget http://$HTTP\_SERVER/$IOPM\_DIR/ocie-watchdog -O ocie-watchdog

chmod 755 ocie-watchdog

chmod 755 post-upgrade/20\_start\_service

if [ $? -ne 0 ];then

echo "Failed to get TR OPM install script"

exit 1

fi

}

fs\_chk $TMPDIR 2500000

if [ $? -ne 0 ];then

echo ""

echo "Error: $TMPDIR is too small to support the upgrades"

exit 1

fi

# mention snapshot of VM prior to upgrade

banner

if `is\_dfm` ;then

echo "This is a DFM server running 6.3, proceeding with interim upgrade to 6.4P2"

echo

get\_int\_dfm

if [ $? -eq 0 ];then

if [ -x $TMPDIR/upgrade.sh ];then

$TMPDIR/upgrade.sh

if [ $? -eq 0 ];then

tidy\_64

# Upgrade worked to 6.4 install 7.1

echo ""

echo "Installing MySQL Repo"

echo ""

wget http://$HTTP\_SERVER/$OCUM\_DIR/$MYSQL\_REPO

if [ $? -eq 0 ];then

yum install -y ./$MYSQL\_REPO

else

echo ""

echo "Failed to get MySQL Repo exiting ..."

echo ""

exit 1

fi

echo ""

echo "Getting OCUM 7.1 Packages"

echo ""

wget http://$HTTP\_SERVER/$OCUM\_DIR/$DFM\_PACKAGE

if [ $? -ne 0 ];then

echo "Failed to get TR OPM install package"

exit 1

else

echo ""

echo "Extracting OCUM 7.1 Package"

echo ""

unzip $DFM\_PACKAGE

if [ $? -eq 0 ];then

wget http://$HTTP\_SERVER/$OCUM\_DIR/upgrade.sh -O $TMPDIR/upgrade.sh

if [ $? -eq 0 ];then

chmod 755 $TMPDIR/upgrade.sh

$TMPDIR/upgrade.sh

if [ $? -eq 0 ];then

echo ""

echo "Updated to OCUM 7.1 Cleaning files"

echo ""

tidy\_oc71

exit 1

fi

fi

fi

fi

fi

fi

else

echo

echo "Problem executing upgrade script, exiting"

exit 1

fi

else

echo ""

echo "Not a 6.3 OCUM server .... continuing"

echo ""

fi

if `is\_opm` ;then

echo "This is a OPM server running 2.0, proceeding with interim upgrade to 2.1P2"

echo

get\_int\_opm

if [ $? -eq 0 ];then

if [ -x $TMPDIR/upgrade.sh ];then

$TMPDIR/upgrade.sh

if [ $? -eq 0 ];then

tidy\_21

# Used to tell the watchdog process not to attempt to restart ocie

touch /var/tmp/opm-2.1-complete

# Upgrade worked to 2.1 install 7.1

echo ""

echo "Installing MySQL Repo"

echo ""

wget http://$HTTP\_SERVER/$OCUM\_DIR/$MYSQL\_REPO

if [ $? -eq 0 ];then

yum install -y ./$MYSQL\_REPO

else

echo ""

echo "Failed to get MySQL Repo exiting ..."

echo ""

exit 1

fi

echo ""

echo "Getting OPM 7.1 Packages"

echo ""

wget http://$HTTP\_SERVER/$OPM\_DIR/$OPM\_PACKAGE

if [ $? -ne 0 ];then

echo "Failed to get TR OPM install package"

exit 1

else

echo ""

echo "Extracting OPM 7.1 Package"

echo ""

unzip $OPM\_PACKAGE

if [ $? -eq 0 ];then

wget http://$HTTP\_SERVER/$OPM\_DIR/upgrade.sh -O $TMPDIR/upgrade.sh

if [ $? -eq 0 ];then

chmod 755 $TMPDIR/upgrade.sh

$TMPDIR/upgrade.sh

if [ $? -eq 0 ];then

echo ""

echo "Updated to OPM 7.1 Cleaning files"

echo ""

tidy\_op71

exit 1

fi

fi

fi

fi

fi

fi

else

echo

echo "Problem executing upgrade script, exiting"

exit 1

fi

fi

else

echo ""

echo "Not a 2.0 OPM server .... exiting"

echo ""

fi

orf-graph-01:/opt/netapp-files/files #

orf-graph-01:/opt/netapp-files/files #

orf-graph-01:/opt/netapp-files/files #

orf-graph-01:/opt/netapp-files/files #

orf-graph-01:/opt/netapp-files/files #

orf-graph-01:/opt/netapp-files/files #

orf-graph-01:/opt/netapp-files/files #

orf-graph-01:/opt/netapp-files/files #

orf-graph-01:/opt/netapp-files/files #

orf-graph-01:/opt/netapp-files/files #

orf-graph-01:/opt/netapp-files/files #

orf-graph-01:/opt/netapp-files/files #

orf-graph-01:/opt/netapp-files/files # cat upgrade-to-7.1P1

#!/bin/bash

#

# v1 - Ian Daniel - 20170317

#

#

#

# Set the HTTP Server IP and port to your distribution webserver.

#

HTTP\_SERVER=10.220.179.83:8080

#

# We need to install various RPMs for 7.1P1 and MySQL

# So have to set a proxy to enable access

#

export http\_proxy=http://webproxy.int.westgroup.com:80

#

# 6.3 Variables

#

OCUM\_BASE\_PKG=netapp-ocum-6.3-1510140339.x86\_64

OPM\_BASE\_PACKAGE=netapp-opm-2.0.1.2015.11.23-1.x86\_64

#

# 6.4 Variables

#

IOPM\_DIR=2.1P2-TR

IOCUM\_DIR=6.4P2-TR

INTERIM\_DFM\_PACKAGE=OnCommandUnifiedManager-6.4P2.zip

INTERIM\_OPM\_PACKAGE=OnCommandPerformanceManager-2.1.0P2.zip

INTERIM\_UTILS\_OCUM=ThirdPartyDependencies-6.4-rhel7.zip

INTERIM\_UTILS\_OPM=ThirdPartyDependencies-2.1.0P2-rhel7.zip

#

# 7.1P1 Variables

#

OPM\_DIR=7.1P1-OPM-TR

OCUM\_DIR=7.1P1-OCUM-TR

DFM\_PACKAGE=OnCommandUnifiedManager-rhel7-7.1P1.zip

OPM\_PACKAGE=OnCommandPerformanceManager-7.1P1.el7.zip

#

# Repo for required RPMs

#

MYSQL\_REPO=mysql-community-release-el7-5.noarch.rpm

#

# Global Variables

#

TMPDIR=/var/tmp

PATH=/bin:/usr/bin:$PATH

export PATH TMPDIR OPM\_PACKAGE DFM\_PACKAGE INTERIM\_OPM\_PACKAGE INTERIM\_DFM\_PACKAGE HTTP\_SERVER

if [ `whoami` != "root" ] ; then

echo "You need to be root to run `basename $0`"

exit 1

fi

# All work done in TMPDIR

cd $TMPDIR > /dev/null 2>&1

if [ $? -ne 0 ];then

echo "ERROR: TMPDIR $TMPDIR does not exist exiting"

exit 1

fi

banner()

{

echo ""

echo "It is recommended to ensure you take a snapshot of the OCUM/OPM VM prior to upgrade"

echo ""

read -p "Press enter to continue"

}

tidy\_21()

{

echo ""

echo "Cleaning up install files for OPM 2.1P2"

echo ""

rm -f $TMPDIR/ocf-server-1.3.1-2016.05.J160.x86\_64.rpm

rm -f $TMPDIR/ocie-au-1.3.0-2016.09.2066.x86\_64.rpm

rm -f $TMPDIR/ocie-server-1.3.0-2016.09.2066.x86\_64.rpm

rm -f $TMPDIR/ocie-serverbase-1.3.0-2016.09.2066.x86\_64.rpm

rm -f $TMPDIR/ThirdPartyDependencies-2.1.0P2-rhel7.zip

rm -f $TMPDIR/netapp-opm-2.1.0.2016.04.326-1.x86\_64.rpm

rm -f $TMPDIR/OnCommandPerformanceManager-2.1.0P2.zip

rm -f $TMPDIR/rp.x86\_64.rpm

rm -f $TMPDIR/pre\_install\_check.sh

rm -f $TMPDIR/upgrade.sh

rm -f $TMPDIR/MySQL-client-5.6.31-1.el7.x86\_64.rpm

rm -f $TMPDIR/MySQL-server-5.6.31-1.el7.x86\_64.rpm

rm -f $TMPDIR/MySQL-shared-compat-5.6.31-1.el7.x86\_64.rpm

rm -rf $TMPDIR/post-upgrade

rm -rf $TMPDIR/pre-upgrade

rm -rf $TMPDIR/ocie-watchdog

}

tidy\_64()

{

echo ""

echo "Cleaning up install files for OCUM 6.4P2"

echo ""

rm -f $TMPDIR/netapp-ocum-6.4P2-x86\_64.rpm

rm -f $TMPDIR/node.x86\_64.rpm

rm -f $TMPDIR/ocie-au-1.3.0-2016.09.2066.x86\_64.rpm

rm -f $TMPDIR/ocie-server-1.3.0-2016.09.2066.x86\_64.rpm

rm -f $TMPDIR/ocie-serverbase-1.3.0-2016.09.2066.x86\_64.rpm

rm -f $TMPDIR/rp.x86\_64.rpm

rm -f $TMPDIR/pre\_install\_check.sh

rm -f $TMPDIR/upgrade.sh

rm -f $TMPDIR/MySQL-client-5.6.31-1.el7.x86\_64.rpm

rm -f $TMPDIR/MySQL-server-5.6.31-1.el7.x86\_64.rpm

rm -f $TMPDIR/MySQL-shared-compat-5.6.31-1.el7.x86\_64.rpm

rm -f $TMPDIR/OnCommandUnifiedManager-6.4P2.zip

rm -f $TMPDIR/ThirdPartyDependencies-6.4-rhel7.zip

}

tidy\_oc71()

{

echo ""

echo "Cleaning up install files for OCUM 7.1"

echo ""

rm -f $TMPDIR/OnCommandUnifiedManager-rhel7-7.1.zip

rm -f $TMPDIR/mysql-community-release-el7-5.noarch.rpm

rm -f $TMPDIR/netapp-application-server-7.1.0-2016.11.J2293.x86\_64.rpm

rm -f $TMPDIR/netapp-ocum-7.1-x86\_64.rpm

rm -f $TMPDIR/pre\_install\_check.sh

rm -f $TMPDIR/netapp-platform-base-7.1.0-2016.11.J2293.el7.x86\_64.rpm

rm -f $TMPDIR/rp.x86\_64.rpm

rm -f $TMPDIR/node.x86\_64.rpm

rm -f $TMPDIR/ocie-au-7.1.0-2016.05.J2327.x86\_64.rpm

rm -f $TMPDIR/ocie-server-7.1.0-2016.05.J2327.x86\_64.rpm

rm -f $TMPDIR/upgrade.sh

rm -f $TMPDIR/ocie-serverbase-7.1.0-2016.11.J2293.x86\_64.rpm

rm -f $TMPDIR/netapp-application-server-7.1.0-2017.03.J2294.x86\_64.rpm

rm -f $TMPDIR/OnCommandUnifiedManager-rhel7-7.1P1.zip

rm -f $TMPDIR/netapp-ocum-7.1P1-x86\_64.rpm

rm -f $TMPDIR/netapp-platform-base-7.1.0-2017.03.J2294.el7.x86\_64.rpm

rm -f $TMPDIR/ocie-au-7.1.0-2016.05.J2330.x86\_64.rpm

rm -f $TMPDIR/ocie-server-7.1.0-2016.05.J2330.x86\_64.rpm

rm -f $TMPDIR/upgrade-to-7.1P1

rm -f $TMPDIR/ocie-serverbase-7.1.0-2017.03.J2294.x86\_64.rpm

}

tidy\_op71()

{

echo ""

echo "Cleaning up install files for OPM 7.1"

echo ""

rm -f $TMPDIR/mysql-community-release-el7-5.noarch.rpm

rm -f $TMPDIR/netapp-application-server-7.1.0-2016.11.J2293.x86\_64.rpm

rm -f $TMPDIR/netapp-opm-7.1.0.2017.01.N170118.0147.x86\_64.rpm

rm -f $TMPDIR/netapp-platform-base-7.1.0-2016.11.J2293.el7.x86\_64.rpm

rm -f $TMPDIR/ocf-server-7.1.0-2017.01.J2317.x86\_64.rpm

rm -f $TMPDIR/ocie-au-7.1.0-2016.05.J2327.x86\_64.rpm

rm -f $TMPDIR/ocie-server-7.1.0-2016.05.J2327.x86\_64.rpm

rm -f $TMPDIR/ocie-serverbase-7.1.0-2016.11.J2293.x86\_64.rpm

rm -f $TMPDIR/OnCommandPerformanceManager-7.1.el7.zip

rm -f $TMPDIR/pre\_install\_check.sh

rm -f $TMPDIR/README

rm -f $TMPDIR/upgrade.sh

rm -rf $TMPDIR/post-upgrade

rm -rf $TMPDIR/pre-upgrade

rm -f $TMPDIR/netapp-application-server-7.1.0-2017.03.J2294.x86\_64.rpm

rm -f $TMPDIR/netapp-opm-7.1.0.2017.01.N170308.1701.x86\_64.rpm

rm -f $TMPDIR/netapp-platform-base-7.1.0-2017.03.J2294.el7.x86\_64.rpm

rm -f $TMPDIR/ocf-server-7.1.0-2017.03.J2322.x86\_64.rpm

rm -f $TMPDIR/ocie-au-7.1.0-2016.05.J2330.x86\_64.rpm

rm -f $TMPDIR/ocie-server-7.1.0-2016.05.J2330.x86\_64.rpm

rm -f $TMPDIR/ocie-serverbase-7.1.0-2017.03.J2294.x86\_64.rpm

rm -f $TMPDIR/OnCommandPerformanceManager-7.1P1.el7.zip

rm -f $TMPDIR/upgrade-to-7.1P1

}

#Check Filesystem

fs\_chk()

{

fsys=$1

echo "Checking $fsys filesystem space"

df $fsys | grep -v File |awk -v SPC="$2" '{

err=0

if(NF == 6) {

if($4 < SPC) {

err=1

}

} else {

if($3 < SPC) {

err=1

}

}

} END {exit err}'

}

is\_dfm()

{

rpm -qi $OCUM\_BASE\_PKG >/dev/null 2>&1

if [ $? -ne 0 ];then

return 1

fi

}

is\_opm()

{

rpm -qi $OPM\_BASE\_PACKAGE >/dev/null 2>&1

if [ $? -ne 0 ];then

return 1

fi

}

#Get Interim OCUM Packages

get\_int\_dfm()

{

echo "Getting package: $INTERIM\_DFM\_PACKAGE"

wget http://$HTTP\_SERVER/$IOCUM\_DIR/$INTERIM\_DFM\_PACKAGE -O $INTERIM\_DFM\_PACKAGE

if [ $? -ne 0 ];then

echo "Failed to get package: $IOCUM\_DIR/$INTERIM\_DFM\_PACKAGE"

exit 1

else

echo "Extracting package"

unzip $INTERIM\_DFM\_PACKAGE

if [ $? -ne 0 ];then

echo "Failed to extract package: $INTERIM\_DFM\_PACKAGE"

exit 1

fi

fi

echo "Getting package: $INTERIM\_UTILS\_OCUM"

wget http://$HTTP\_SERVER/$IOCUM\_DIR/$INTERIM\_UTILS\_OCUM -O $INTERIM\_UTILS\_OCUM

if [ $? -ne 0 ];then

echo "Failed to get package: $IOCUM\_DIR/$INTERIM\_UTILS\_OCUM"

exit 1

else

echo "Extracting package"

unzip $INTERIM\_UTILS\_OCUM

if [ $? -ne 0 ];then

echo "Failed to extract package: $INTERIM\_UTILS\_OCUM"

exit 1

fi

fi

echo "Getting TR package install script"

wget http://$HTTP\_SERVER/$IOCUM\_DIR/upgrade.sh -O upgrade.sh

wget http://$HTTP\_SERVER/$IOCUM\_DIR/pre\_install\_check.sh -O pre\_install\_check.sh

if [ $? -ne 0 ];then

echo "Failed to get TR install script"

exit 1

fi

}

#Get Interim OPM Packages

get\_int\_opm()

{

echo "Getting package: $INTERIM\_OPM\_PACKAGE"

wget http://$HTTP\_SERVER/$IOPM\_DIR/$INTERIM\_OPM\_PACKAGE -O $INTERIM\_OPM\_PACKAGE

if [ $? -ne 0 ];then

echo "Failed to get package: $IOPM\_DIR/$INTERIM\_OPM\_PACKAGE"

exit 1

else

echo "Extracting package"

unzip $INTERIM\_OPM\_PACKAGE

if [ $? -ne 0 ];then

echo "Failed to extract package: $INTERIM\_OPM\_PACKAGE"

exit 1

fi

fi

echo "Getting package: $INTERIM\_UTILS\_OPM"

wget http://$HTTP\_SERVER/$IOPM\_DIR/$INTERIM\_UTILS\_OPM -O $INTERIM\_UTILS\_OPM

if [ $? -ne 0 ];then

echo "Failed to get package: $IOPM\_DIR/$INTERIM\_UTILS\_OPM"

exit 1

else

echo "Extracting package"

unzip $INTERIM\_UTILS\_OPM

if [ $? -ne 0 ];then

echo "Failed to extract package: $INTERIM\_UTILS\_OPM"

exit 1

fi

fi

echo "Getting TR OPM package install script"

wget http://$HTTP\_SERVER/$IOPM\_DIR/upgrade.sh -O upgrade.sh

wget http://$HTTP\_SERVER/$IOPM\_DIR/pre\_install\_check.sh -O pre\_install\_check.sh

wget http://$HTTP\_SERVER/$IOPM\_DIR/20\_start\_service -O post-upgrade/20\_start\_service

wget http://$HTTP\_SERVER/$IOPM\_DIR/ocie-watchdog -O ocie-watchdog

chmod 755 ocie-watchdog

chmod 755 post-upgrade/20\_start\_service

if [ $? -ne 0 ];then

echo "Failed to get TR OPM install script"

exit 1

fi

}

fs\_chk $TMPDIR 2500000

if [ $? -ne 0 ];then

echo ""

echo "Error: $TMPDIR is too small to support the upgrades"

exit 1

fi

# mention snapshot of VM prior to upgrade

banner

if `is\_dfm` ;then

echo "This is a DFM server running 6.3, proceeding with interim upgrade to 6.4P2"

echo

get\_int\_dfm

if [ $? -eq 0 ];then

if [ -x $TMPDIR/upgrade.sh ];then

$TMPDIR/upgrade.sh

if [ $? -eq 0 ];then

tidy\_64

# Upgrade worked to 6.4 install 7.1

echo ""

echo "Installing MySQL Repo"

echo ""

wget http://$HTTP\_SERVER/$OCUM\_DIR/$MYSQL\_REPO

if [ $? -eq 0 ];then

yum install -y ./$MYSQL\_REPO

else

echo ""

echo "Failed to get MySQL Repo exiting ..."

echo ""

exit 1

fi

echo ""

echo "Getting OCUM 7.1 Packages"

echo ""

wget http://$HTTP\_SERVER/$OCUM\_DIR/$DFM\_PACKAGE

if [ $? -ne 0 ];then

echo "Failed to get TR OPM install package"

exit 1

else

echo ""

echo "Extracting OCUM 7.1 Package"

echo ""

unzip $DFM\_PACKAGE

if [ $? -eq 0 ];then

wget http://$HTTP\_SERVER/$OCUM\_DIR/upgrade.sh -O $TMPDIR/upgrade.sh

if [ $? -eq 0 ];then

chmod 755 $TMPDIR/upgrade.sh

$TMPDIR/upgrade.sh

if [ $? -eq 0 ];then

echo ""

echo "Updated to OCUM 7.1 Cleaning files"

echo ""

tidy\_oc71

exit 1

fi

fi

fi

fi

fi

fi

else

echo

echo "Problem executing upgrade script, exiting"

exit 1

fi

else

echo ""

echo "Not a 6.3 OCUM server .... continuing"

echo ""

fi

if `is\_opm` ;then

echo "This is a OPM server running 2.0, proceeding with interim upgrade to 2.1P2"

echo

get\_int\_opm

if [ $? -eq 0 ];then

if [ -x $TMPDIR/upgrade.sh ];then

$TMPDIR/upgrade.sh

if [ $? -eq 0 ];then

tidy\_21

# Used to tell the watchdog process not to attempt to restart ocie

touch /var/tmp/opm-2.1-complete

# Upgrade worked to 2.1 install 7.1

echo ""

echo "Installing MySQL Repo"

echo ""

wget http://$HTTP\_SERVER/$OCUM\_DIR/$MYSQL\_REPO

if [ $? -eq 0 ];then

yum install -y ./$MYSQL\_REPO

else

echo ""

echo "Failed to get MySQL Repo exiting ..."

echo ""

exit 1

fi

echo ""

echo "Getting OPM 7.1 Packages"

echo ""

wget http://$HTTP\_SERVER/$OPM\_DIR/$OPM\_PACKAGE

if [ $? -ne 0 ];then

echo "Failed to get TR OPM install package"

exit 1

else

echo ""

echo "Extracting OPM 7.1 Package"

echo ""

unzip $OPM\_PACKAGE

if [ $? -eq 0 ];then

wget http://$HTTP\_SERVER/$OPM\_DIR/upgrade.sh -O $TMPDIR/upgrade.sh

if [ $? -eq 0 ];then

chmod 755 $TMPDIR/upgrade.sh

$TMPDIR/upgrade.sh

if [ $? -eq 0 ];then

echo ""

echo "Updated to OPM 7.1 Cleaning files"

echo ""

tidy\_op71

exit 1

fi

fi

fi

fi

fi

fi

else

echo

echo "Problem executing upgrade script, exiting"

exit 1

fi

else

echo ""

echo "Not a 2.0 OPM server .... exiting"

echo ""

fi