



Upgrading third-party products

Active IQ Unified Manager 9.7

NetApp
August 30, 2024

This PDF was generated from <https://docs.netapp.com/us-en/active-iq-unified-manager-97/install-linux/task-upgrading-openjdk-on-linux-ocum.html> on August 30, 2024. Always check docs.netapp.com for the latest.

Table of Contents

- Upgrading third-party products 1
 - Upgrading OpenJDK on Linux 1
 - Upgrading MySQL on Linux 1

Upgrading third-party products

You can upgrade third-party products, such as JRE and MySQL, on Unified Manager when installed on Linux systems.

The companies that develop these third-party products report security vulnerabilities on a regular basis. You can upgrade to newer versions of this software at your own schedule.

Upgrading OpenJDK on Linux

You can upgrade to a newer version of OpenJDK on the Linux server on which Unified Manager is installed to obtain fixes for security vulnerabilities.

Before you begin

You must have root privileges for the Linux system on which Unified Manager is installed.

About this task

You can update OpenJDK releases within release families. For example, you can upgrade from OpenJDK 11.0.6 to OpenJDK 11.0.7, but you cannot update directly from OpenJDK 11 to OpenJDK 12.

Steps

1. Log in as a root user on the Unified Manager host machine.
2. Download the appropriate version of OpenJDK (64-bit) to the target system.
3. Stop the Unified Manager services: `systemctl stop ocieau``systemctl stop ocie`
4. Install the latest OpenJDK on the system.
5. Start the Unified Manager services: `systemctl start ocie``systemctl start ocieau`

Upgrading MySQL on Linux

You can upgrade to a newer version of MySQL on the connected Linux server on which Unified Manager is installed to obtain fixes for security vulnerabilities. For any minor upgrade, the base version of MySQL must be 8.0.20 or later. If the installed version of MySQL on your system is earlier than 8.0.20, the Unified Manager 9.7 upgrade process automatically upgrades MySQL to 8.0.20. You must not run a standalone upgrade of MySQL from an earlier version to 8.0.20.

Before you begin



Manual upgrade of MySQL is applicable for internet-connected systems only. If the installed version of MySQL on your system is 5.7, then you must not attempt to directly upgrade MySQL to version 8.0.20. It results in application data loss.

You must have root privileges for the Linux system on which Unified Manager is installed.

About this task

You can upgrade the base version of MySQL 8.0.20 to later versions for only minor updates.

Steps

1. Log in as a root user on the Unified Manager host machine.
2. Download the latest MySQL Community Server .rpm bundle on the target system.
3. Untar the bundle to a directory on the target system.
4. You get multiple .rpm packages in the directory after untarring the bundle, but Unified Manager only needs the following rpm packages:

- mysql-community-client-8.0.20
- mysql-community-libs-8.0.20
- mysql-community-server-8.0.20
- mysql-community-common-8.0.20
- mysql-community-libs-compat-8.0.20

Delete all other .rpm packages. However, installing all packages in an rpm bundle does not cause errors.

5. Stop the Unified Manager service and the associated MySQL software in the order shown: `systemctl stop ociea``systemctl stop ocies``systemctl stop mysqld`
6. Invoke the upgrade of MySQL by using the following command: `yum install *.rpm`

*.rpm refers to the .rpm packages in the directory where you downloaded the newer version of MySQL.

7. Start Unified Manager in the order shown: `systemctl start mysqld``systemctl start ocies``systemctl start ocieau`

Copyright information

Copyright © 2024 NetApp, Inc. All Rights Reserved. Printed in the U.S. No part of this document covered by copyright may be reproduced in any form or by any means—graphic, electronic, or mechanical, including photocopying, recording, taping, or storage in an electronic retrieval system—without prior written permission of the copyright owner.

Software derived from copyrighted NetApp material is subject to the following license and disclaimer:

THIS SOFTWARE IS PROVIDED BY NETAPP “AS IS” AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, WHICH ARE HEREBY DISCLAIMED. IN NO EVENT SHALL NETAPP BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

NetApp reserves the right to change any products described herein at any time, and without notice. NetApp assumes no responsibility or liability arising from the use of products described herein, except as expressly agreed to in writing by NetApp. The use or purchase of this product does not convey a license under any patent rights, trademark rights, or any other intellectual property rights of NetApp.

The product described in this manual may be protected by one or more U.S. patents, foreign patents, or pending applications.

LIMITED RIGHTS LEGEND: Use, duplication, or disclosure by the government is subject to restrictions as set forth in subparagraph (b)(3) of the Rights in Technical Data -Noncommercial Items at DFARS 252.227-7013 (FEB 2014) and FAR 52.227-19 (DEC 2007).

Data contained herein pertains to a commercial product and/or commercial service (as defined in FAR 2.101) and is proprietary to NetApp, Inc. All NetApp technical data and computer software provided under this Agreement is commercial in nature and developed solely at private expense. The U.S. Government has a non-exclusive, non-transferrable, nonsublicensable, worldwide, limited irrevocable license to use the Data only in connection with and in support of the U.S. Government contract under which the Data was delivered. Except as provided herein, the Data may not be used, disclosed, reproduced, modified, performed, or displayed without the prior written approval of NetApp, Inc. United States Government license rights for the Department of Defense are limited to those rights identified in DFARS clause 252.227-7015(b) (FEB 2014).

Trademark information

NETAPP, the NETAPP logo, and the marks listed at <http://www.netapp.com/TM> are trademarks of NetApp, Inc. Other company and product names may be trademarks of their respective owners.