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Description automatically generatedOn-Premises FNO Upgrade 2018 To 2023 R1 SP1

Revenera GCS

September 3, 2024

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# **System Requirements:**

|  |  |
| --- | --- |
| **Current Version on your system:** |  |
| Windows Server | *<Specify your current system version>* |
| FNO | *<Specify your current system version>* |
| SQL DB | *<Specify your current system version>* |

## **FNO installers Download link**

<https://flexerasoftware.flexnetoperations.com/>

## **FNO On Premises 2023 R1 SP1**

Detailed FlexNet Operations 2023 R1 SP1 On Premises system requirements include the following.

**Supported Operating Systems:**

* Microsoft Windows Server 2022
* Microsoft Windows Server 2019
* Microsoft Windows Server 2016
* Red Hat Enterprise Linux 8.4 (64-bit)
* Virtual appliance: Linux (64-bit) based on CentOS-7

IMPORTANT:All Linux platforms must be Linux Standard Base (LSB) compliant.

**Supported Databases:**

* SQL Server 2019
* SQL Server 2017

**Servers:**

NOTE: For best performance, availability, and reliability, install each FlexNet Operations component on a separate host.

For Windows servers (each):

* Dual core
* 8 GB of RAM for each component (FlexNet Operations, Cloud Licensing Service, Usage Analytics Service)
* Minimum of 10 GB free disk space

For Linux servers (each):

* Dual core
* 8 GB of RAM for each component (FlexNet Operations, Cloud Licensing Service, Usage Analytics Service)
* Minimum of 10 GB free disk space
* Current directory (.) must be in the path of the user who starts the FlexNet Operations server

For Virtual Appliance:

* 8 GB of virtual RAM
* 8 GB of virtual disk space
* VMware requires about three times as much hard disk space at Open Virtualization Format package deployment time

**Application Server:**

* WildFly version 8.2.0, with default configured heap space minimum of 4 GB and maximum of 8 GB

**Message Broker Software:**

* RabbitMQ version 3.10.6 (with Erlang/OTP v13.0.2 (25))

**Supported Java Development Kits:**

* Oracle JDK 1.8
* OpenJDK 1.8

**Web browsers:**

* Microsoft Edge
* Mozilla Firefox 75.0
* Google Chrome 80.0.3987.163

**FlexNet Licensing Module:**

• FlexNet Publisher Toolkit 11.12.0 or later

* FlexNet Embedded Toolkit 2015 R2 or later

NOTE: FlexNet Operations supports these FlexNet Embedded host ID types: ETHERNET, INTERNET, INTERNET\_6, FLEXID9, FLEXID10, STRING, USER, VM\_UUID, EXTENDED, PUBLISHER\_DEFINED, and CONTAINER\_ID.

**Vendor Certificate Generator:**

The current versions of the VCG kit are 12.11.0 and 16.2.2.0.

These VCGs were tested with the following compilers:

* Windows—Visual Studio 2010 Professional Edition
* Linux—gcc 4.1.2 (RHEL 5.0)
* Linux—gcc 4.4.4 (RHEL 6.0)

NOTE: The 12.11.0 VCG is built with FlexNet Publisher 11.11.1 and shares the same minimum C compiler requirements on each supported platform. (See the FlexNet Publisher 11.11.1 release notes for C/C++ compiler support.)

**Supported Upgrade Paths:**

You can upgrade from the following previous FlexNet Operations versions to the current version:

* 2018 R1
* 2020 R1.1
* 2021 R1
* 2022 R1

**LDAP Directory Server:**

Windows 2012 Active Directory

**High-Speed File Upload:**

If you intend to use the High-Speed Upload option to upload files, the following plug-in is required:

* Aspera Connect 3.10.0 or later

# **High-Level Steps to Upgrade FlexNet Operations**

1. Prepare host machines to meet pre-install requirements.

2. Obtain the upgrade files.

3. Stop FlexNet Operations.

4. Back up your database and preserve any customizations (if any) from your existing FlexNet Operations installation.

5. Run the new FlexNet Operations installer.

6. Run FlexNet Setup to configure and deploy the new FlexNet Operations installation.

7. Copy preserved customizations from the prior version into the new version.

8. For distributed deployments, perform manual configuration steps in the host machine’s file system.

9. In FlexNet Setup, start the FlexNet Operations server.

10. Verify the Upgrade.

# **FNO 2023 R1 SP1 On-Prem Installation**

## **Backup Details**

Before installing FNO 2023, take a backup of the existing FNO 2018 Database at the below location:

*<specify the backup location>*

Similarly, take backup for the FNO 2018 application from the below location:

*<specify the backup location>*

## **FNO Installation**

1. Download FNO 2023 R1 SP1 from the product and license center.

Select FlexNet Operations under License Center:A screenshot of a product list

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On the next page, select 2023 R1 SP1.A screenshot of a computer

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For Windows, select FlexNetOperations\_2023-R1\_SP1\_installer.exe and start downloading.A screenshot of a computer

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1. Run this FNO installer.

This will look like this below:

A screenshot of a computer error

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1. In the next screen you can see "Welcome to FlexNet operation" and click on Next.

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1. On the Choose Install Folder panel, specify the install directory for FlexNet Operations and click Next. The default install directory depends on the host operating system.

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1. On the Customization Options panel, choose whether to use the bundled Wildfly server or your Wildfly server and specify a RabbitMQ URL (if different from the default). Then click Next.

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1. In the next screen you will be able to see "Pre-Installation Summary". Review the details and then click on "Next.

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1. The installation process will begin.

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1. On the Install Complete panel, the installer reports the result of the installation process. It shows the URL to use to launch the FlexNet Operations configuration tool, FlexNet Setup (typically, http://localhost:4321/ flexnetsetup).

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1. Click Done. The installer attempts to launch FlexNet Setup in your system’s default browser.

# **Upgrade FNO 2023- FlexNet Setup Configuration**

1. Once the installation is completed, by default "localhost:4321/flexnetsetup/” page gets opened in the browser. Login with default username/password: admin/admin.

**A screenshot of a login screen

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1. Once you log in, on the next screen, you can see change password. Set the new password, confirm passwords, select the secret Question, and answer, and then click on change.

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1. In the next screen, you can see the "Configuration page”. In that select the "General" tab. Fill in the information as per your requirement and click save.

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1. After that select the "Database" tab. Fill in the information as per your database server and click save.

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1. After that select the "Advanced" tab and fill in the required information:

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1. Now select the "System Status" tab. Click on "Manage Schema."

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1. In new windows enter DB username and DB password and click on "Test connection”. If the connection is successful you should be able to see a "green right mark", and then click on "Upgrade"

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1. Once Upgrade is successfully done. Click on the "Deploy" button. After successful deployment click on "Start Server”. Once the server starts successfully, you can see the "Stop Server" button.
2. Now try to access the FNO page(localhost:8888/flexnet/)
3. The current version can be seen on FNO portal under System -> About advanced lifecycle management module.