

How to Install MXview One on Linux

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About Moxa

Moxa is a leading provider of edge connectivity, industrial computing, and network infrastructure solutions for enabling connectivity for the Industrial Internet of Things. With 35 years of industry experience, Moxa has connected more than 82 million devices worldwide and has a distribution and service network that reaches customers in more than 80 countries. Moxa delivers lasting business value by empowering industry with reliable networks and sincere service for industrial communications infrastructures. Information about Moxa’s solutions is available at www.moxa.com.

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1 Introduction

There are two ways to install MXview One on systems running Linux Ubuntu: offline and online installation.

We recommend installing MXview One using the offline method first to avoid any compatibility issues. If you are unable to activate MXview One using the online installation method, install the software using the offline method.

2 Offline Installation

To perform an offline installation of MXview One on systems running Linux, do the following:

1. Put the following MXview One files in the "~" directory.
 - MXview_One_Linux_Vx.x.x_xxxxxxxx.deb
 - installer.sh
 - mxview-one-deps_xxx.deb
2. Execute the following command to start the installation process:

```
#sudo OFFLINE_DEP=mxview-one-deps_xxx.deb ./installer.sh  
MXview_One_Linux_Vx.x.x_xxxxxxxx.deb
```
3. Configure MXview One as a system service and restart Linux:

```
# sudo /usr/mxview/mxview-control-panel/MXControlPanel service --action activate  
# sudo reboot now
```
4. Execute the following command:

```
#sudo systemctl start mxview-one
```
5. Open a web browser and navigate to [https://\[host IP address\]](https://[host IP address]).
The host IP address is the IP of the computer running MXview One. The default IP address is: 127.0.0.1
6. Log in to MXview One. The default credentials are:
 - Username: **admin**
 - Password: **moxa**

3 Online Installation

MXview One can be installed on Linux systems using the online method. Steps vary depending on the version of Ubuntu used.

3.1 Online Installation on Ubuntu 18.04

To perform an online installation of MXview One on systems running Linux Ubuntu 18.04, do the following:

1. Put the following MXview One files in the "~" directory.
 - MXview_One_Linux_Vx.x.x_xxxxxxxx.deb
2. Install the database package:

```
# sudo apt install -y curl ca-certificates
# sudo install -d /usr/share/postgresql-common/pgdg
# sudo curl -o /usr/share/postgresql-common/pgdg/apt.postgresql.org.asc --fail
https://www.postgresql.org/media/keys/ACCC4CF8.asc
# sudo sh -c 'echo "deb
[signed-by=/usr/share/postgresql-common/pgdg/apt.postgresql.org.asc]
https://apt-archive.postgresql.org/pub/repos/apt $(lsb_release -cs)-pgdg main" >
/etc/apt/sources.list.d/pgdg.list'
# sudo apt update -y
# sudo apt install -y postgresql-15
```
3. Install the environment that runs Node.js:

```
# sudo apt install -y curl
# cd ~
# curl -sL https://deb.nodesource.com/setup_16.x | sudo bash -
# sudo apt install -y nodejs
```
4. Install the MXview One Linux software:

```
# cd ~
# sudo systemctl stop postgresql
# sudo dpkg -i ./MXview_One_Linux_Vx.x.x_xxxxxxxx.deb
```
5. Configure MXview One as a system service and restart Linux:

```
# sudo /usr/mxview/mxview-control-panel/MXControlPanel service --action activate
# sudo reboot now
```
6. Execute the following command:

```
#sudo systemctl start mxview-one
```
7. Open a web browser and navigate to [https://\[host IP address\]](https://[host IP address]).
The host IP address is the IP of the computer running MXview One. The default IP address is: 127.0.0.1
8. Log in to MXview One. The default credentials are:
 - Username: **admin**
 - Password: **moxa**
9. (Optional) To stop MXview One, execute the following command:

```
#sudo systemctl stop mxview-one
```

3.2 Online Installation on Ubuntu 20.04

To perform an online installation of MXview One on systems running Linux Ubuntu 20.04, do the following:

1. Put the following MXview One files in the "~" directory.
 - MXview_One_Linux_Vx.x.x_xxxxxxxx.deb
2. Install the database package:

```
# sudo apt install -y curl ca-certificates
# sudo install -d /usr/share/postgresql-common/pgdg
# sudo curl -o /usr/share/postgresql-common/pgdg/apt.postgresql.org.asc --fail
https://www.postgresql.org/media/keys/ACCC4CF8.asc
# sudo sh -c 'echo "deb
[signed-by=/usr/share/postgresql-common/pgdg/apt.postgresql.org.asc]
https://apt.postgresql.org/pub/repos/apt $(lsb_release -cs)-pgdg main" >
/etc/apt/sources.list.d/pgdg.list'
# sudo apt update -y
# sudo apt install -y postgresql-15
```
3. Install the environment that runs Node.js:

```
# sudo apt install -y curl
# cd ~
# curl -sL https://deb.nodesource.com/setup_18.x | sudo bash -
# sudo apt install -y nodejs
```
4. Install the MXview One Linux software:

```
# cd ~
# sudo systemctl stop postgresql
# sudo dpkg -i ./MXview_One_Linux_Vx.x.x_xxxxxxxx.deb
```
5. Configure MXview One as a system service and restart Linux:

```
# sudo /usr/mxview/mxview-control-panel/MXControlPanel service --action activate
# sudo reboot now
```
6. Execute the following command:

```
#sudo systemctl start mxview-one
```
7. Open a web browser and navigate to [https://\[host IP address\]](https://[host IP address]). The host IP address is the IP of the computer running MXview One. The default IP address is: 127.0.0.1
8. Log in to MXview One. The default credentials are:
 - Username: **admin**
 - Password: **moxa**
9. (Optional) To stop MXview One, execute the following command:

```
#sudo systemctl stop mxview-one
```

3.3 Online Installation on Ubuntu 22.04

To perform an online installation of MXview One on systems running Linux Ubuntu 22.04, do the following:

1. Put the following MXview One files in the "~" directory.
 - MXview_One_Linux_Vx.x.x_xxxxxxxx.deb
2. Install the database package:

```
# sudo apt install -y curl ca-certificates
# sudo install -d /usr/share/postgresql-common/pgdg
# sudo curl -o /usr/share/postgresql-common/pgdg/apt.postgresql.org.asc --fail
https://www.postgresql.org/media/keys/ACCC4CF8.asc
# sudo sh -c 'echo "deb
[signed-by=/usr/share/postgresql-common/pgdg/apt.postgresql.org.asc]
https://apt.postgresql.org/pub/repos/apt $(lsb_release -cs)-pgdg main" >
/etc/apt/sources.list.d/pgdg.list'
# sudo apt update -y
# sudo apt install -y postgresql-15
```
3. Install the environment that runs Node.js:

```
# sudo apt install -y curl
# cd ~
# curl -sL https://deb.nodesource.com/setup_18.x | sudo bash -
# sudo apt install -y nodejs
```
4. Install the MXview One Linux software:

```
# cd ~
# sudo systemctl stop postgresql
# sudo dpkg -i ./MXview_One_Linux_Vx.x.x_xxxxxxxx.deb
```
5. Configure MXview One as a system service and restart Linux:

```
# sudo /usr/mxview/mxview-control-panel/MXControlPanel service --action activate
# sudo reboot now
```
6. Execute the following command:

```
#sudo systemctl start mxview-one
```
7. Open a web browser and navigate to [https://\[host IP address\]](https://[host IP address]).
The host IP address is the IP of the computer running MXview One. The default IP address is: 127.0.0.1
8. Log in to MXview One. The default credentials are:
 - Username: **admin**

➤ Password: **moxa**

9. (Optional) To stop MXview One, execute the following command:
#sudo systemctl stop mxview-one

Uninstalling MXview One in Linux

To uninstall MXview One from any version of Linux, do the following:

1. Execute the following command:
#sudo apt remove mxview