

# How to Install MXview One on Linux

*Moxa Technical Support Team*

[support@moxa.com](mailto:support@moxa.com)

## Contents

<b>1</b>	<b>Introduction</b> .....	<b>2</b>
<b>2</b>	<b>Offline Installation</b> .....	<b>2</b>
<b>3</b>	<b>Online Installation</b> .....	<b>2</b>
<b>3.1</b>	<b>Online Installation on Ubuntu 18.04</b> .....	<b>2</b>
<b>3.2</b>	<b>Online Installation on Ubuntu 20.04</b> .....	<b>3</b>
<b>3.3</b>	<b>Online Installation on Ubuntu 22.04</b> .....	<b>4</b>
<b>4</b>	<b>Uninstalling MXview One in Linux</b> .....	<b>5</b>

---

Copyright © 2024 Moxa Inc.

Released on Jul 30, 2024

### **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](http://www.moxa.com).

### **How to Contact Moxa**

Tel: 1-714-528-6777

Fax: 1-714-528-6778



## 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 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 MQTT communication software package:

```
# sudo add-apt-repository -y ppa:mosquitto-dev/mosquitto-ppa
# sudo apt install -y mosquitto
```
  5. Install the dependency software for Nginx:

```
# sudo apt install -y make libssl-dev libpcre3-dev zlib1g-dev gcc
```
  6. Install the MXview One Linux software:

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

```
# sudo /usr/mxview/mxview-control-panel/MXControlPanel service --action activate
# sudo reboot now
```
  8. After restarting, 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
  9. Log in using the default credentials:
    - Username: admin
    - Password: moxa

### 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 MQTT communication software package:

```
# sudo add-apt-repository -y ppa:mosquitto-dev/mosquitto-ppa
# sudo apt satisfy -y "mosquitto (>= 2.0)"
```
  5. Install the dependency software for Nginx:

```
# sudo apt install -y make libssl-dev libpcre3-dev zlib1g-dev gcc
```
  6. Install the MXview One Linux software:

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

```
# sudo /usr/mxview/mxview-control-panel/MXControlPanel service --action activate
# sudo reboot now
```
  8. After restarting, 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
  9. Log in using the default credentials:
    - Username: admin
    - Password: moxa

### 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 MQTT communication software package:

```
# sudo apt satisfy -y "mosquitto (>= 2.0)"
```
  5. Install the dependency software for Nginx:

```
# sudo apt install -y make libssl-dev libpcre3-dev zlib1g-dev gcc
```
  6. Install the MXview One Linux software:

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

```
# sudo /usr/mxview/mxview-control-panel/MXControlPanel service --action activate
# sudo reboot now
```
  8. After restarting, 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
  9. Log in using the default credentials:
    - Username: admin
    - Password: moxa

## 4 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`