

Moxa Linux based installation guide

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Pre-requisites

- Java SDK 1.8 or higher for your platform (ARM)
- Disk space of a minimum of 200 MB
- Minimum of 256 MB of RAM
- Access to the internet from the Moxa device
- Latest shell-script based installer package downloaded from github:
 - <https://github.com/Altizon/distributions/tree/master/datonis-gateway>

Installation Steps

1. Sudo as a superuser

```
moxa@Moxa:~$ sudo -s  
root@Moxa:/home/moxa#
```

2. Launch the installer

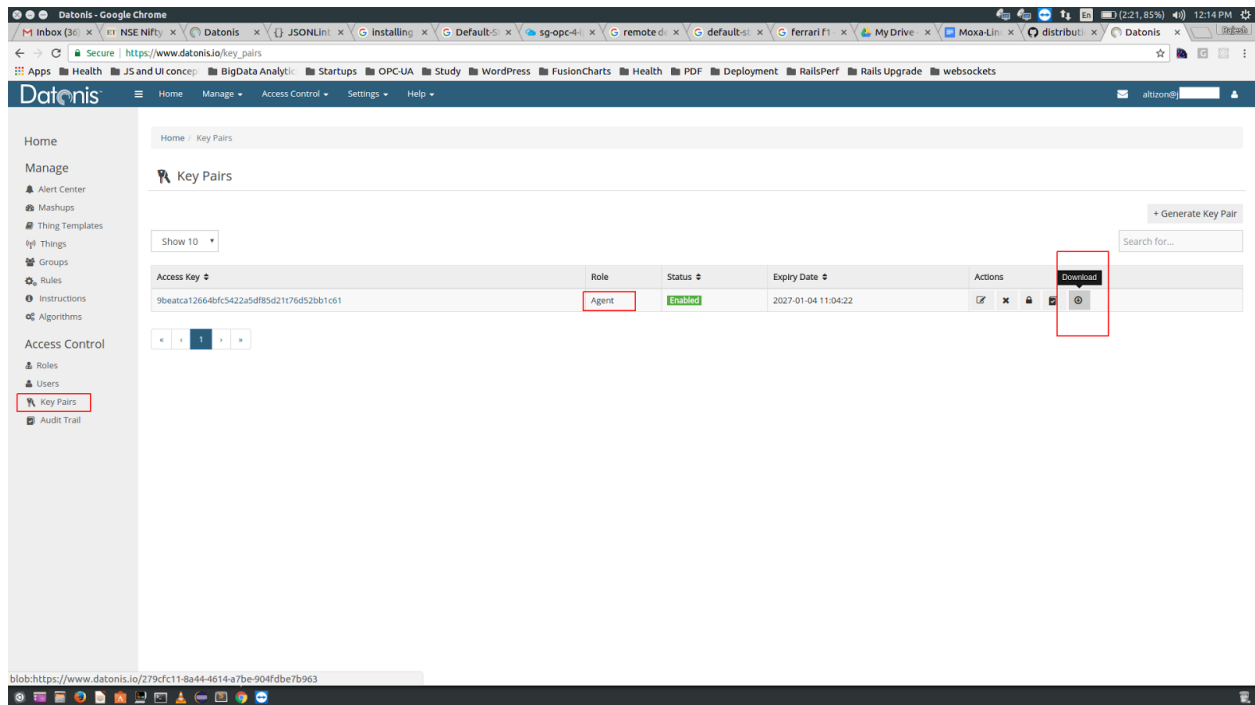
Assuming you have downloaded the shell script based package and made it available on your device, you need to run following command:

Note that you should use binary mode while transferring files from Windows to Linux machines to avoid corruption of these script based installers.

```
datonis-gateway-linux-3.5.1.sh  
root@Moxa:/home/moxa# ./datonis-gateway-linux-3.5.1.sh
```

This will extract the package in current directory

3. Download the Agent keypair from <https://www.datonis.io>



4. Specify access and secret keys

Once you have downloaded the keypair, you need to specify those here:

```
=====
Welcome to the Altizon Datonis Gateway Installation
=====
```

Please download Agent KeyPair after logging into your account at <https://www.datonis.io>

Enter the access key: a86t72c2e2e49697b6c8f425ab2tfde447e2d5c3

Enter the secret key: 2de7f8adtff89873f97a99c96c3tb69tb14b3fa4

5. Configure adapters

Select adapters by entering the number against each. Each adapter that is enabled will be shown by a 'X' sign.

For example to enable Modbus Adapter, enter 1

```
=====
=
                Welcome to the Altizon Datonis Gateway Installation
=====
=

Please select an adapter to enable:
[1][X] Modbus Adapter
[2][ ] OPC UA Adapter
[3][ ] MT Connect Adapter
[4]   Exit menu

Enter adapter number or select 4 to exit menu:
```

Once you are done, enter 4 to exit the menu

After this step, the installer will generate a placeholder configuration for the adapters you have configured and then also install a auto-startup script.

Note that you will need to edit the generated `datonis-gateway.properties` file under `conf` directory and make changes to add modbus locations that map to Datonis things.

```
Installing startup scripts ...
update-rc.d: using dependency based boot sequencing
update-rc.d: using dependency based boot sequencing
```

```
Done ...
Installation is complete!
```

```
=====
Please note that the installer will not automatically start the gateway
You need to configure a few tags under:
'/home/moxa/datonis-gateway/conf/datonis-gateway.properties'
before you can start the gateway
=====
```

6. Starting and stopping the service

You can now start and stop the service manually using following commands (after you have made any changes to the properties file):

```
root@Moxa:/home/moxa# service datonis-gateway start
/home/moxa/datonis-gateway /
Starting Altizon Datonis Gateway daemon
/
root@Moxa:/home/moxa#
```

```
root@Moxa:/home/moxa# service datonis-gateway stop
Stopping Altizon Datonis Gateway daemon
```

```
root@Moxa:/home/moxa#
```

Note that the gateway service will automatically start after every reboot of your linux host. You do not need to do it manually.