

# EXOS ezvxlan.py Application

## User Documentation

EZ\_VXLAN

### ezvxlan.py 2.0.0.3

For Extreme customers deploying a virtual network using VXLAN, this application provides an automatic mapping of certain VLANs into VXLAN VNIs when used with the EXOS virtual-network capability available on:

- X670-G2
- X770
- X690

This application works best when combined with Extreme Management Center.

<http://www.extremenetworks.com/product/management-center/>

## Requirements

- ExtremeXOS 21.1.1.4 or later
- ExtremeSwitch X670-G2
- ExtremeSwitch X770
- ExtremeSwitch X690

# Updates in 2.0.0.3

- Interoperates with Extreme Fabric
  - `start --fabric`
- Automatic L2 VXLAN for all VLANS
  - `start --allvlans`

## Application Highlights:

- See User Documentation for details

## Download

EXOS offers a variety of download methods. All of the methods below assume the EXOS switch has been configured with an IP address either on the `mgmt` VLAN (for the management port) or `default` VLAN (for the front panel ports).

## Download over tftp

To download `summitX-ezvxlan-1.0.0.6.xmod` to an EXOS switch running ExtremeXOS 21.1 or later, place the file in a server tftp directory.

## Download tftp over management port

Enter the EXOS CLI command:

- `download image serverIP summitX-ezvxlan-2.0.0.3.xmod`

E.g.

```
download image 10.10.10.1 summitX-ezvxlan-2.0.0.3.xmod
```

## Download tftp over front panel port

Enter the EXOS CLI command:

- download image *serverIP* summitX-ezvxlan-2.0.0.3.xmod vr VR-Default

E.g.

```
download image 10.10.10.1 summitX-ezvxlan-2.0.0.3.xmod vr  
VR-Default
```

## Download over http

EXOS can download files from a web site using http.

If your server does not have a web server and Python is installed, Python offers a simple HTTP web server. [Python Simple Web Server](#)

Example starting a simple python web server on port 8000

```
cd <directory>  
python -m SimpleHTTPServer 8000
```

Copy summitX-ezvxlan-2.0.0.3.xmod to *directory* used in the example above.

# Download http over management port

Enter the EXOS CLI command:

- download url `http://serverIP/summitX-ezvxlan-2.0.0.3.xmod`

E.g. `download url http://10.10.10.1/summitX-ezvxlan-2.0.0.3.xmod`

# Download http over front panel port

Enter the EXOS CLI command:

- download url `http://serverIP/summitX-ezvxlan-2.0.0.3.xmod` vr  
VR-Default

E.g. `download url http://10.10.10.1/summitX-ezvxlan-2.0.0.3.xmod vr VR-Default`

# Download using EXOS web (Chalet)

- Using your browser, download `summitX-ezvxlan-2.0.0.3.xmod` from github to your PC.
- Then using the EXOS web interface (Chalet), navigate to Apps->File Manager.
- Use: `Upload files from Local Drive:` to upload and install the file to the EXOS switch

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