

How to Disable IPV6 from CentOS / Linux

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Introduction

This document describe how to disable IPV6 from Linux Operator System.

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Prerequisites

Requirements

- Access as root user to the system.
- OS (Operation System)

Configure

Configurations

Step 1. Connect to OS as root

Step 2. Verify the if the system have an IPV6 ip.

```
ip add | grep inet6
```

possible output

```
inet6 ::1/128 scope host  
inet6 fe80::18e2:36ec:dd69:6c3f/64 scope link
```

Step 3. Modify the file `/etc/sysctl.conf` and add the following lines/

```
echo "net.ipv6.conf.eth0.disable_ipv6 = 1" >> /etc/sysctl.conf  
echo "net.ipv6.conf.default.disable_ipv6 = 1" >> /etc/sysctl.conf  
echo "net.ipv6.conf.all.disable_ipv6 = 1" >> /etc/sysctl.conf  
echo "net.ipv6.conf.lo.disable_ipv6 = 1" >> /etc/sysctl.conf
```

Step 4. Reboot the system

```
systemctl reboot
```

Verify

Step 1. Verify if PV6 is running. The output should empty

```
ip add | grep inet6
```