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## AlmaLinux / Rocky Linux 8 open HTTP/HTTPS port 80/443 with firewalld Heyan Maurya / \( \extrm{\text{\text{\text{Heyan Maurya}}} \) \( \extrm{\text{\ti}\text{\texi}\text{\text{\text{\text{\text{\ti}}\tint{\text{\text{\text{\text{\text{\text{\t

FirewallD comes as the default firewall application in these Linux, however, if you don't have it, you can use the below commands-

are HTTP port 80 and its secure version that is HTTPS port 443 on AlmaLinux 8 or Rocky Linux.

This tutorial will guide you with commands that we can use to open or close popular web server ports that

Copy Me sudo dnf install firewalld

sudo systemctl start firewalld sudo systemctl enable firewalld

Copy Me sudo systemctl status firewalld What do we learn here in this tutorial:

netstat -na | grep *port-number* 

port command of the firewalld to allow them in the Public zone:

or

use-

given syntax:

For some particular port number

firewall-cmd --reload

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Step 1: Check the Active AlmaLinux port list: Before opening any port, let's check what are ports &

services are already allows to communicate outside the public network in our firewall. For that use:

sudo firewall-cmd --list-all

Replace **port-number** with the one you want to find out. If it is not active then you perhaps not get any result in return. Step 2: Command to Open port 80 and port 443 port: As we know firewall comes with some default

pre-configured services and http & https are in them. Thus, we can either use the service command or

However, if your Apache web server's application is running on some other port apart from 80 & 443, we can open that as well. Let's say your web application is on some custom port 5000. Thus, to open it we

sudo firewall-cmd --zone=public --permanent --add-service=http

sudo firewall-cmd --zone=public --permanent --add-service=https

sudo firewall-cmd --zone=public --permanent --add-port 5000/tcp

Step 3: Reload Firewalld service- To ensure that open service or port successfully recognized by the firewalld, reload its service using the command-

sudo firewall-cmd --reload

Just replace **5000** with whatever port number you want to open.

sudo firewall-cmd --zone=public --permanent --remove-port 5000/tcp Reload firewall-

(optional) Close or block port 80 and 443 – In case after some time, you want to block or close the

HTTP and HTTPS services or any other port then you can do that as well, manually, using the below-

sudo firewall-cmd --zone=public --permanent --remove-service=http

sudo firewall-cmd --zone=public --permanent --remove-service=https

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calnost ~]\$ docker pull dokken/almalinux-8
efault tag: latest
Pulling from dokken/almalinux-8
#2430: Pull complete
#35dfc: Pull complete
#35dfc: Pull complete
#36dfc: Pull comp

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o/dokken/aimailmux-s.tatest
alhost ~]\$ ^C
alhost ~]\$ docker images
RY TAG IMAGE ID CREATED SIZE
lmalinux-8 latest d74683b13d68 10 hours ago 395M8
latest 4dd97cefde62 8 days ago 72.9M8

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