

# Table of Contents

- Firewalld** ..... 1
  - Generic (Permanent) Port** ..... 1
  - SNMPD** ..... 1
    - Create Profile ..... 1
    - Add Rule ..... 1
  - Cockpit** ..... 1
  - Allow traffic through bridge** ..... 2
  - http/s** ..... 2
    - By Service name ..... 2
    - By Port ..... 2



centos, kernel

# Firewalld

## Generic (Permanent) Port

```
firewall-cmd --zone=public --add-port=80/tcp --permanent
firewall-cmd --reload
```

## SNMPD

### Create Profile

```
vim /etc/firewalld/services/snmp.xml
```

```
<?xml version="1.0" encoding="utf-8"?>
<service>
  <short>SNMP</short>
  <description>SNMP protocol</description>
  <port protocol="udp" port="161"/>
</service>
```

### Add Rule

```
firewall-cmd --reload
firewall-cmd --zone=public --add-service snmp --permanent
firewall-cmd --reload
```

## Cockpit

```
firewall-cmd --add-service=cockpit
firewall-cmd --add-service=cockpit --permanent
```

## Allow traffic through bridge

```
firewall-cmd --permanent --direct --passthrough ipv4 -I FORWARD -i vbr0 -j ACCEPT  
firewall-cmd --permanent --direct --passthrough ipv4 -O vbr0 -j ACCEPT  
firewall-cmd --reload
```

## http/s

### By Service name

```
firewall-cmd --zone=public --permanent --add-service=http  
firewall-cmd --zone=public --permanent --add-service=https  
firewall-cmd --reload
```

### By Port

```
firewall-cmd --permanent --add-port=80/tcp  
firewall-cmd --permanent --add-port=443/tcp  
firewall-cmd --reload
```

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