

Firewalling with FirewallD



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Exam Objectives



Implement packet filtering

Configure firewall settings



Demo



Working with Firewall zones

Adding service and port rules to zone

Creating your own services

Masquerading with Firewallld



Firewalld



`firewall-cmd --state`

`systemctl start firewalld`

`firewall-cmd --get-default-zone`

`firewall-cmd --get-active-zones`

`firewall-cmd --get-zones`

`firewall-cmd --set-default-zone=external`



Zones



```
firewall-cmd --permanent --zone=public \  
--remove-interface={enp0s3,en0s8}
```

```
firewall-cmd --permanent --zone=internal  
--interface=enp0s8
```

```
firewall-cmd --permanent --  
zone=external --interface=enp0s3
```



Service



```
firewall-cmd --permanent --remove-  
service=ssh
```

```
firewall-cmd --permanent \  
--add-service=http --zone=internal
```

```
firewall-cmd --permanent \  
--new-service=puppet
```

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

Masquerade



```
firewall-cmd --permanent \  
--add-masquerade
```

Next Up: Firewalling with
iptables

