

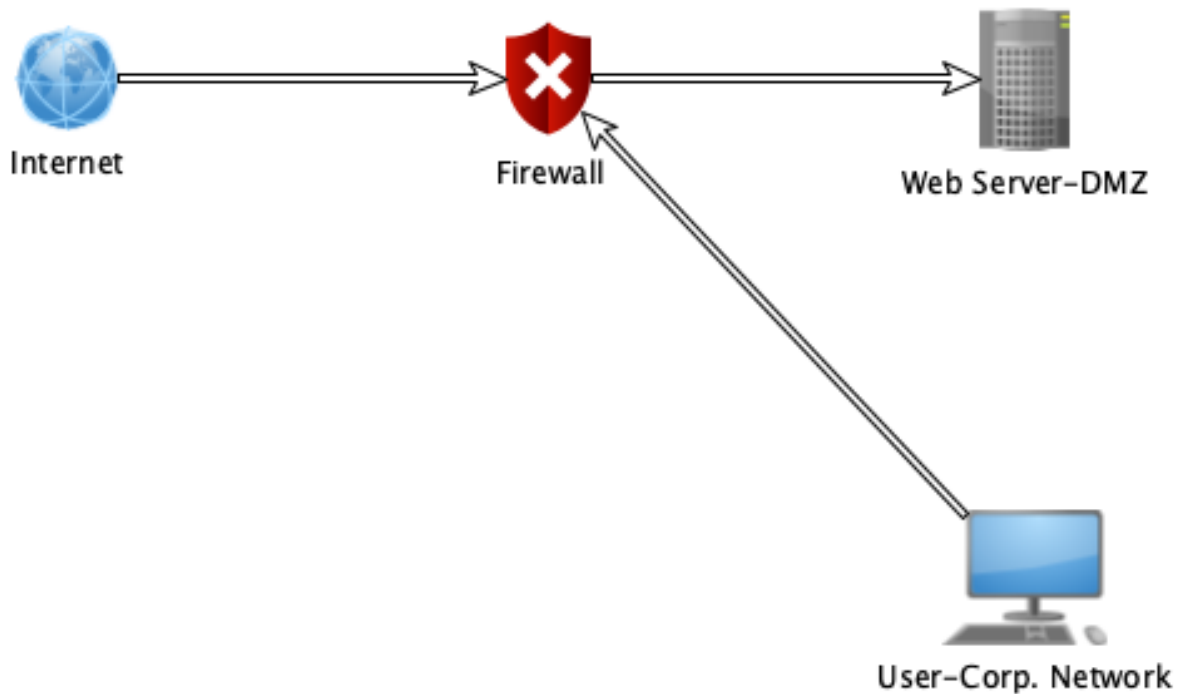
pfSense Fundamentals

Configuring a DMZ - Lab Topology

Welcome back!

In this lesson, we'll have a look at the network topology for our DMZ. We'll be setting this up in VirtualBox.

The topology is pretty straight forward.

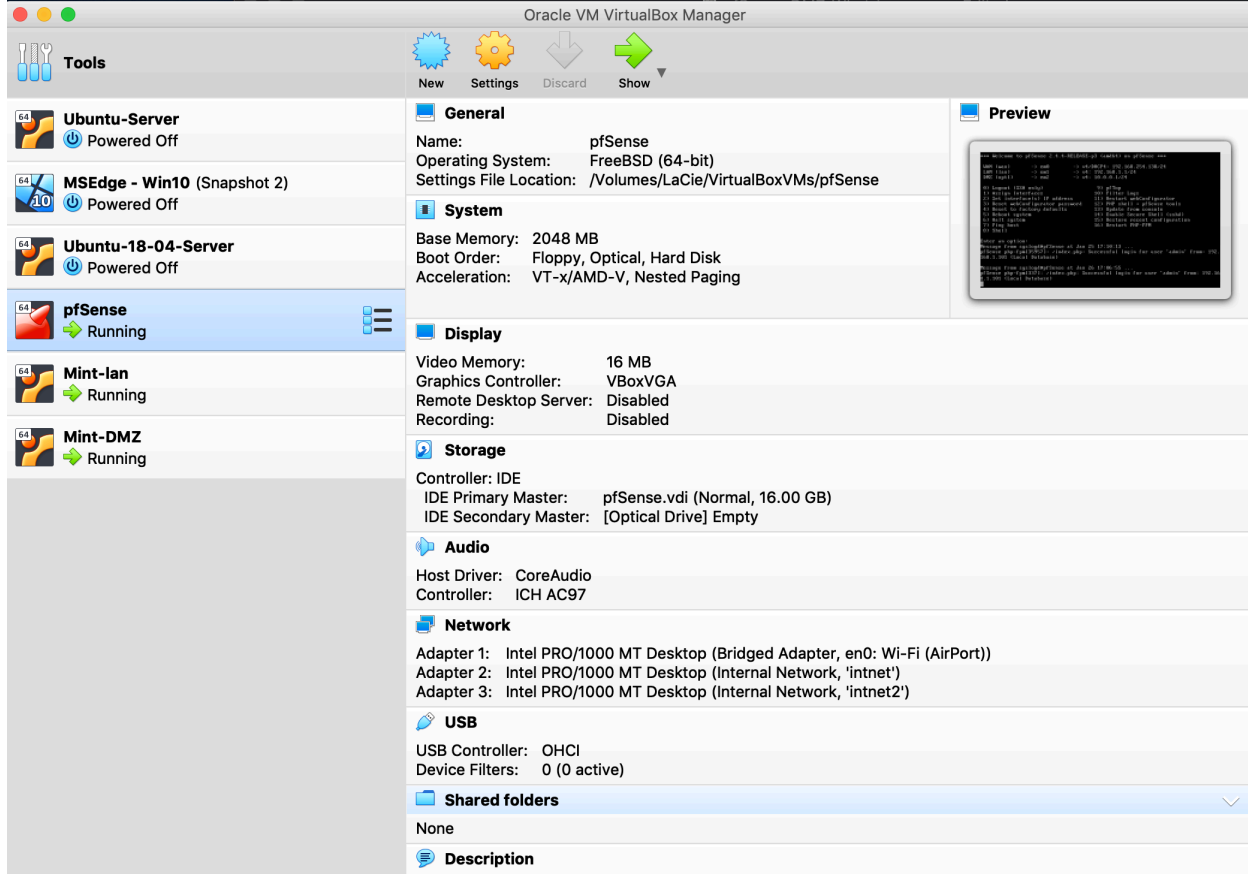


We'll allow incoming traffic from the "Internet", in this case our home network, or the place we're hosting VirtualBox, into our web server in the DMZ over ports 80, HTTP, and 443, HTTPS.

We'll deny all other inbound traffic from the "Internet".

We'll allow traffic from our internal network over port 22, SSH, so we could manage our server from the corporate network.

We'll add a network interface card on our pfSense firewall which will become our DMZ.



This interface will use a new internal-only network called inet2.

For my VirtualBox environment, I use the 192.168.254.0/24 network for the WAN, the 10.0.0.0/24 network for the DMZ, and the 192.168.1.0/24 network for the internal or corporate network.

These are all using a Class C subnet mask which is /24 or 255.255.255.0 if you write it out.

We'll go through the steps for the entire process in upcoming lessons.

See you in the next lesson!