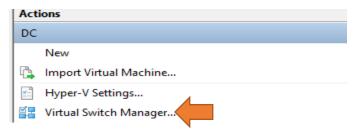
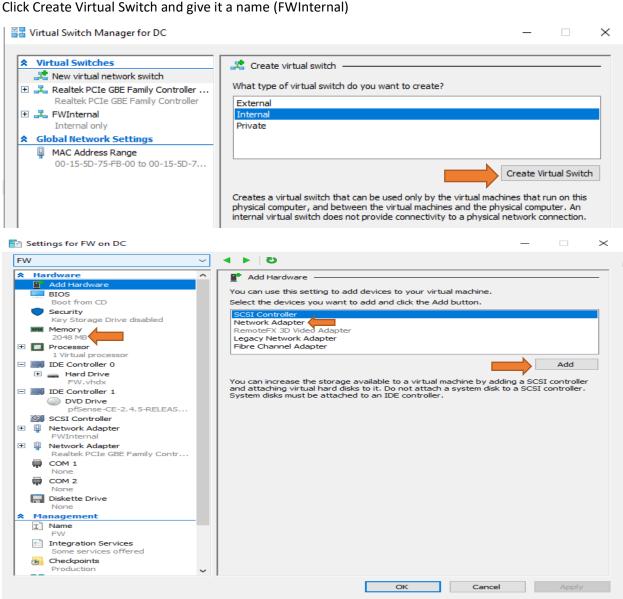
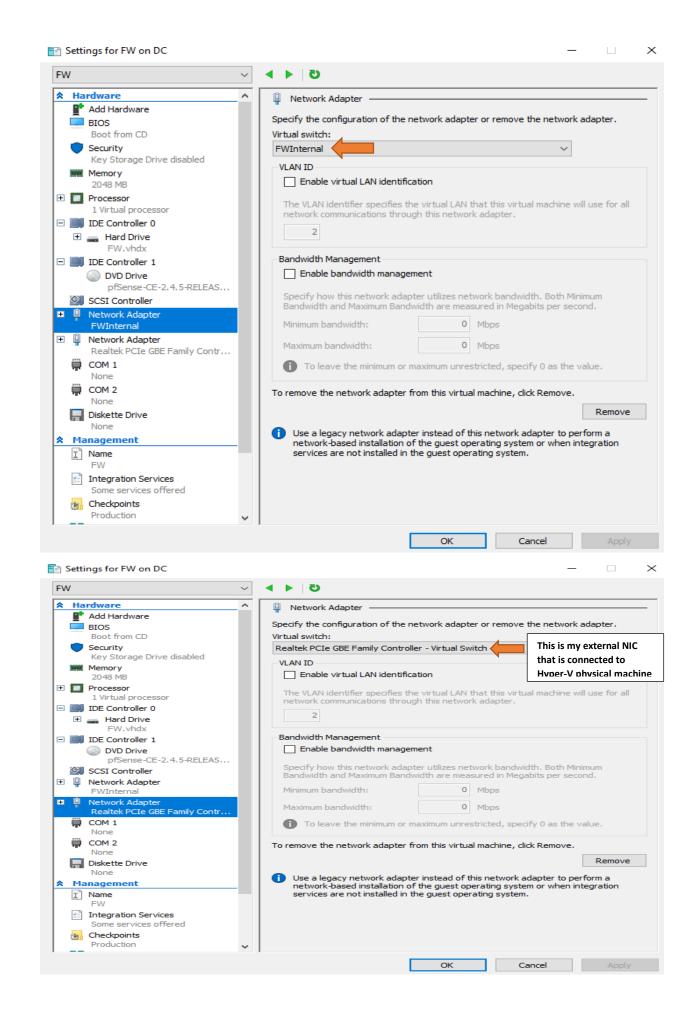
## How to install Pfsense Firewall Open Source on Hyper-V (Part 1)

In this post, I will create a VM within Hyper-V Manager and complete basic install of Pfsense firewall v2.4.5 which is open source and FREE. This post will be multi part. I will walk you through the whole process during the entire setup. Sit back and enjoy!

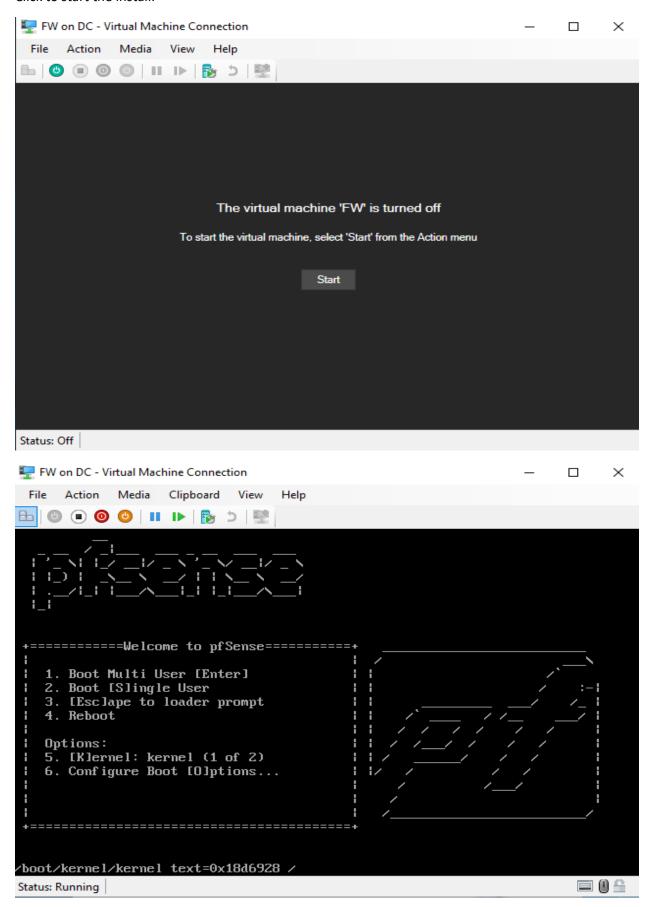
The VM setup will have 2 NIC. Within Hyper-V Virtual switch. I created one called FWInternal and the other is my external connection which is connected to Hyper-V NIC. I created a VM within Hyper-V. Here is my settings

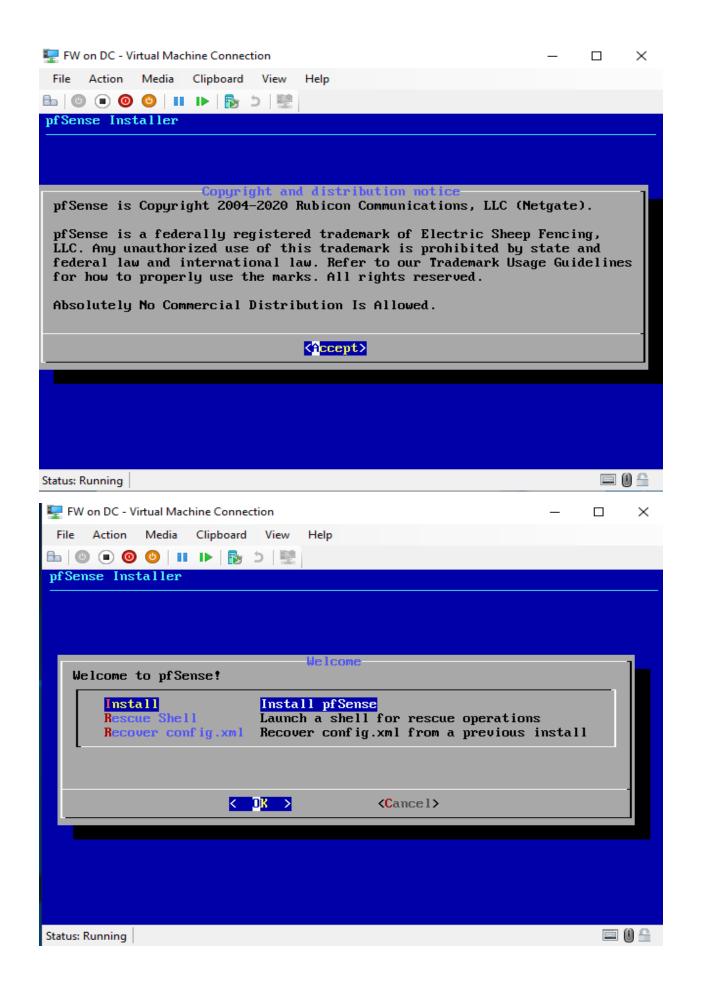


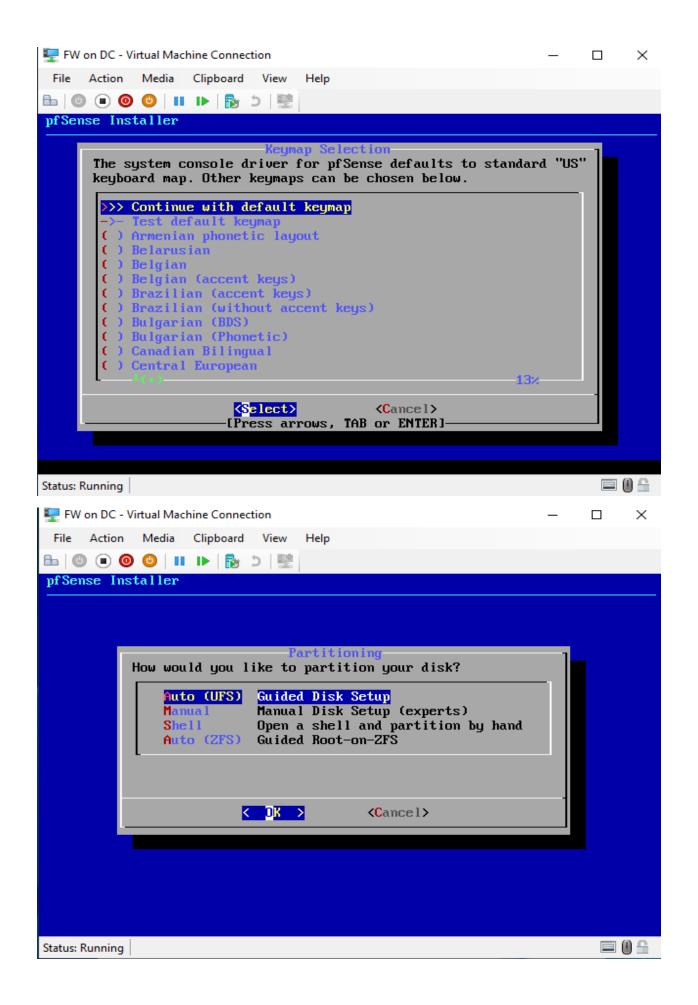


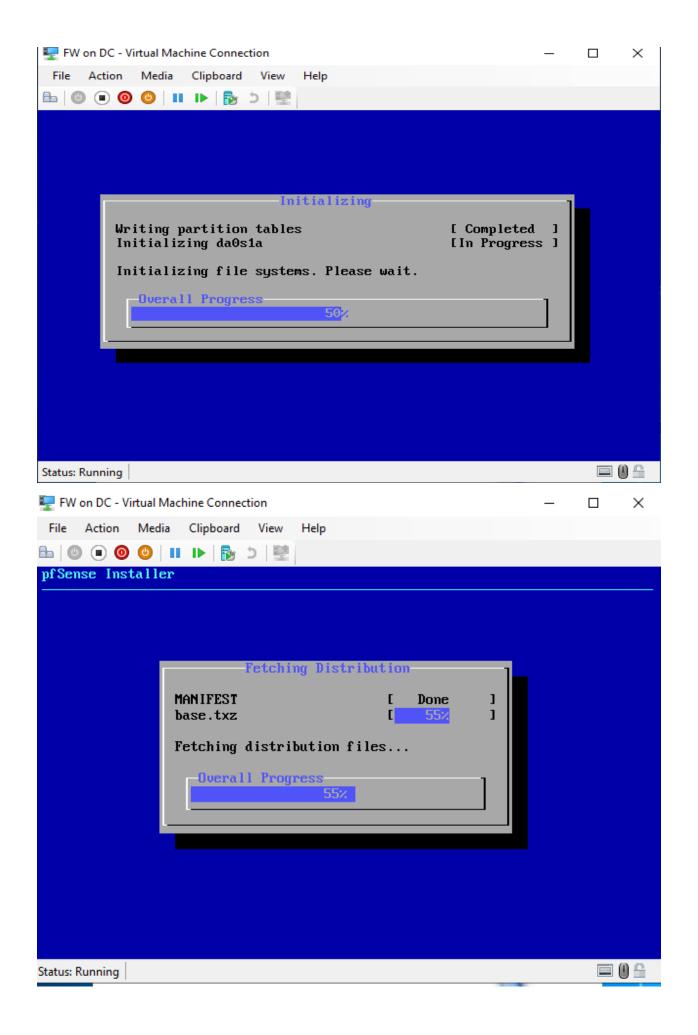


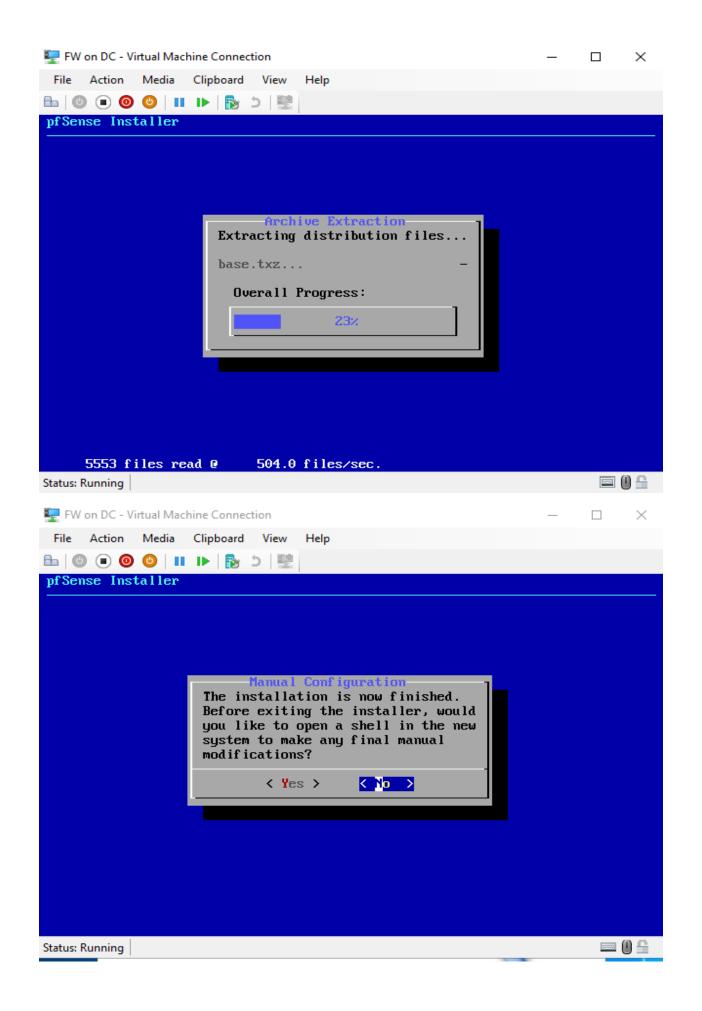
Click to start the install.



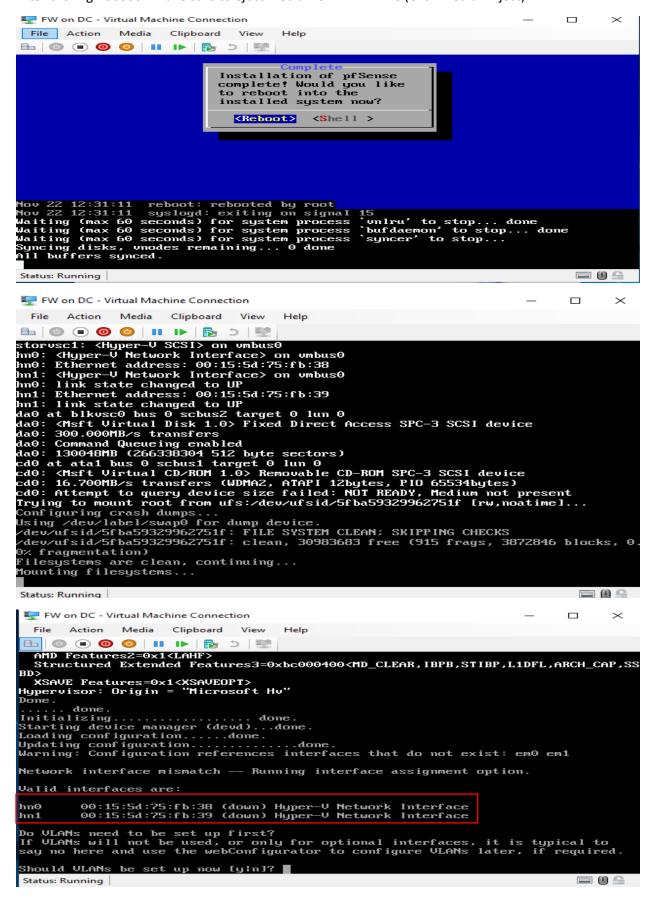




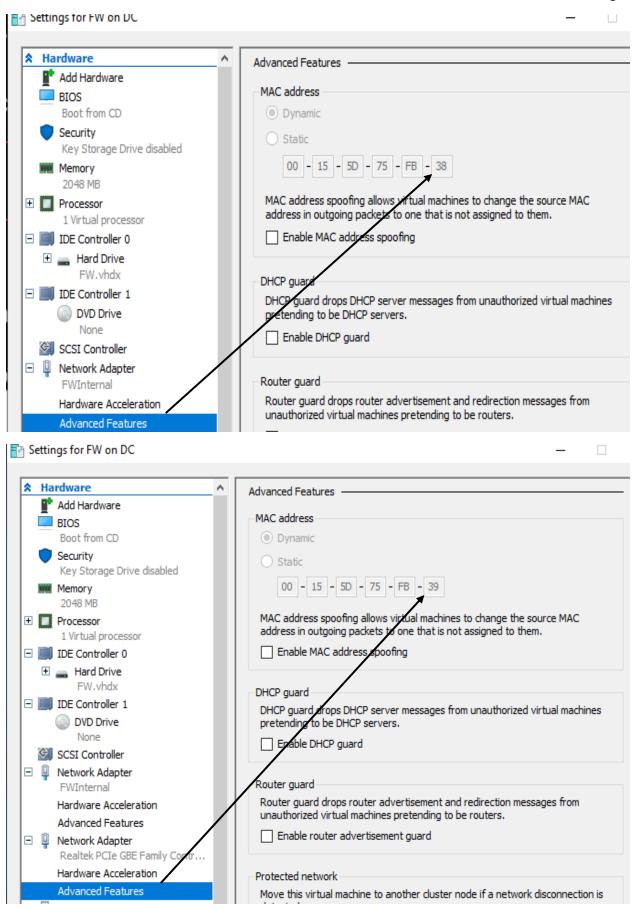


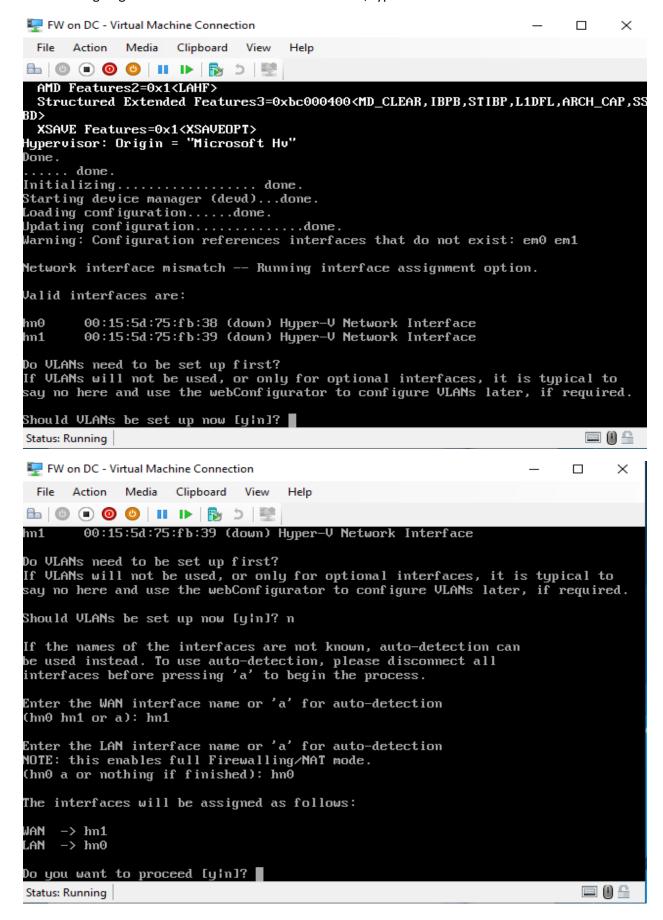


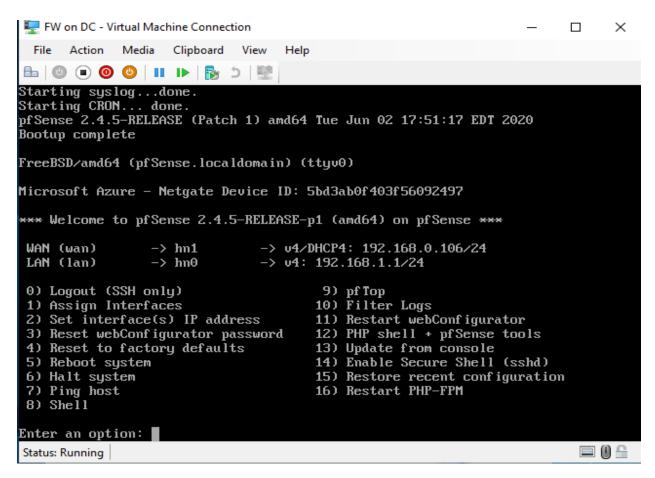
After clicking Reboot - make sure to eject media from DVD Drive (Click Media - Eject)



We have hn0 and hn1. We need to find out which is FWInternal and External. We can from the settings.







With this we have completed basic setup of Pfsense. In part 2, I will complete remaining configuration.

**Thanks** 

Ram Lan 22<sup>nd</sup> Nov 2020