

Windows Server Azure Lab Project

By Bear Schneider

Goal

The goal of this lab is to create a virtual Windows server that can provide a simulation of an enterprise server environment. Creating this will allow me to gain hands-on experience with server infrastructure and various commonly used IT tools, including Active Directory, security groups, group policies, and ticketing software.

Note: Initially, I wanted this to be a Linux-based server built from an old PC on my home network. After hours of reimaging the hard drive and fiddling with the hardware, I realized the motherboard was not getting any power, even after bypassing the wires from the power button that had been ripped off. I pivoted to make it a VMware virtual network, but the thorough and well written guides I was referencing were built using Windows Server and I couldn't get a build running on VM or Virtual Box. I yet again pivoted, this time to Azure, as it seems to be my best free option at this point. That being said, if I can make either of the first two options work, I will be switching to those for practical reasons, so this page may be subject to change!