Noe Gonzales

Capstone

Documentation for Network Creation

Began with provisioning Blades 7-8 on Chassis B2. Using Gparted and the IODDs I reset the partitions on the blades and downloaded the ISO files for windows server 2022.

Decided to use Hyper-V on a windows server 2022 machine.

Began installation and setup for Windows Server 2022 machine on Blade 8

Credentials = Administrator / Nu210151856

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Needed to make a Vlan on B2 for my systems to connect to the internet.

VlanID = 127

Management IP = 10.0.127.1

Switch A1 Configuration



Connecting to port 41, uses port 7-8 for my blades, and has their respective ports 16 up from the original number.

Switch A2 Configuration

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Master Switch Configuration

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With these configurations I should be able to set a static IP address for my windows server machine allowing it to connect to the internet.

In my windows server machine I set my NIC1 on Vlan 127

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This is my network configuration for NIC1

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Uses the DNS server address for google. IP address for the system uses the VLAN ID in the third octet and ten up from it’s port in the fourth octet.

With these configurations we can now connect to the internet.

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I will now install Hyper-V on this system by using the Tools feature.

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A screenshot of a computer

Description automatically generated

Created Virtual Machines on Hyper-V and placed them all on the same Virtual Switch under NIC2

(I’ll gather the screenshots and make this as I go formatting it later)