Configuring Advanced Windows Server

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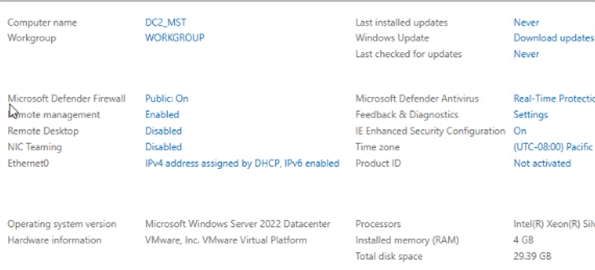


Figure 1: Server 2, Renamed PC as DC2\_MST

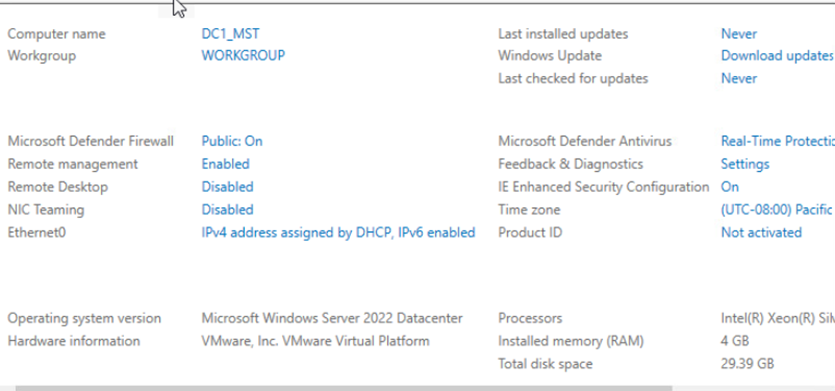


Figure 2: Server 1, Renamed PC as DC1\_MST

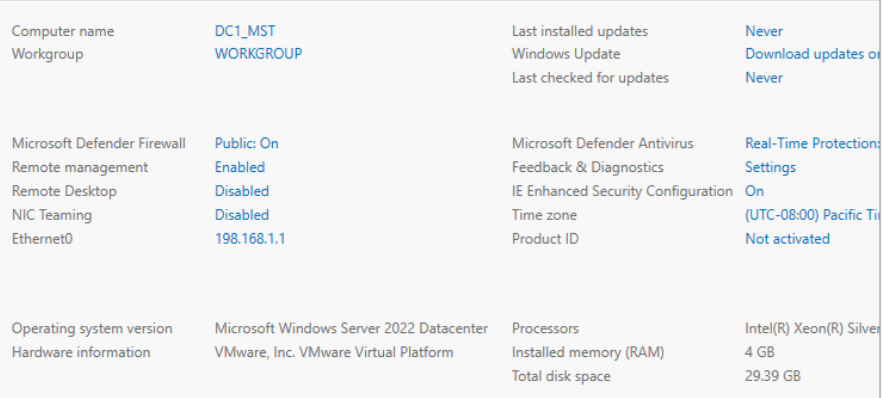


Figure 3: Server 1 setting the static IP address

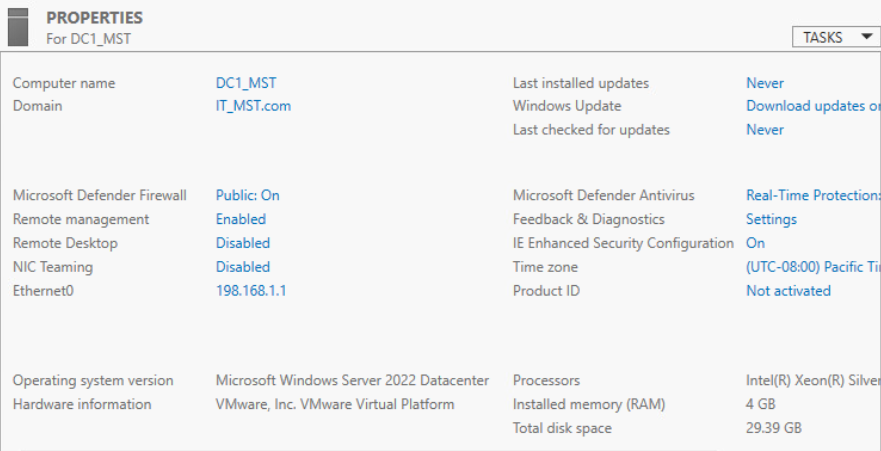


Figure 4: Domain Work Server 1

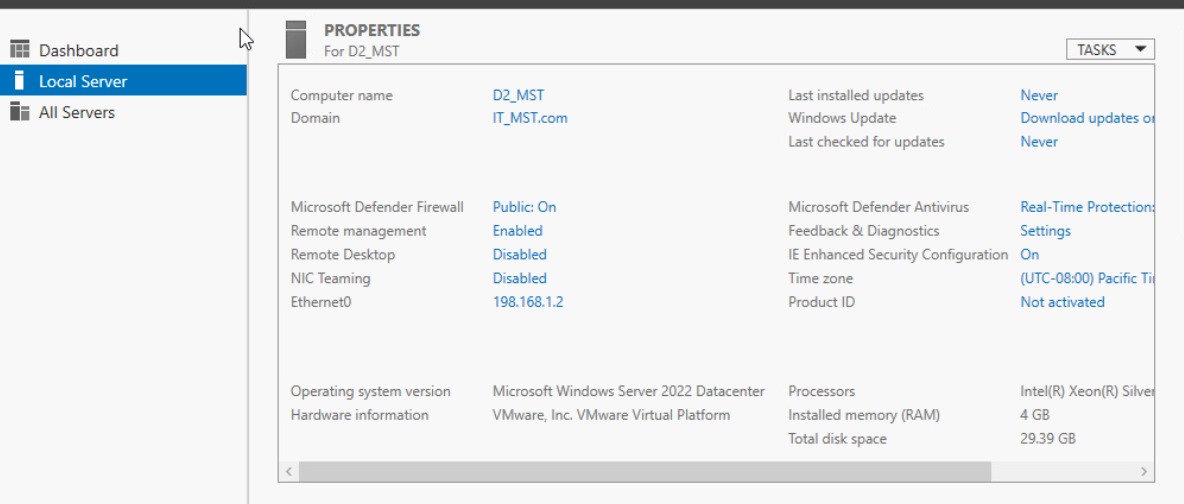


Figure 5: Domain Work Server 2

*Server2*

*A screenshot of a computer

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Figure 6: Workstation

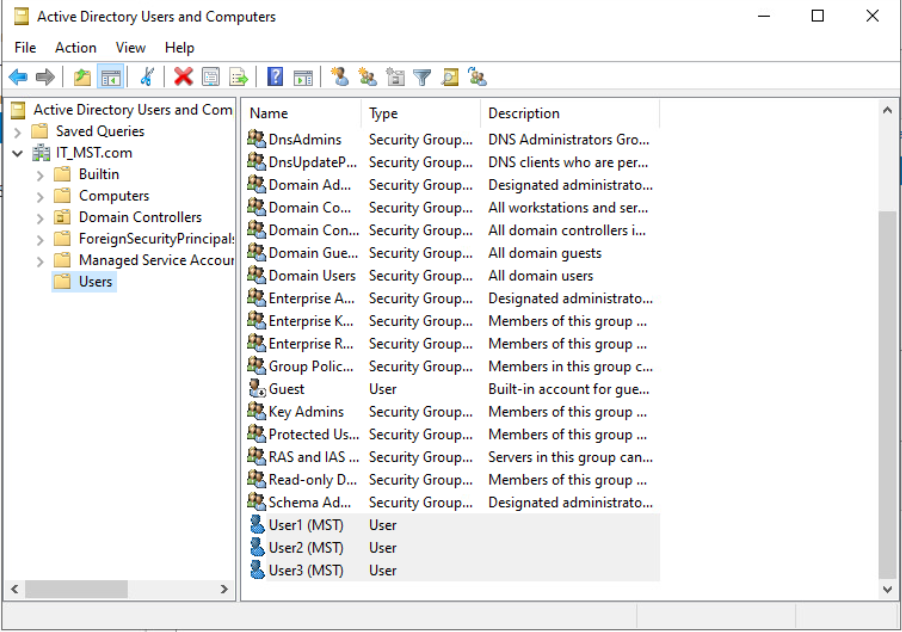


Figure 7: Created Users, User2, User3, User3

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Figure 8: Added New York OU and Security Group

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Figure 9: Created OU’s and Security Group

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Figure 10: Adding User to Miami Sales Group

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Figure 11:Configured RAID-5 on Server 2

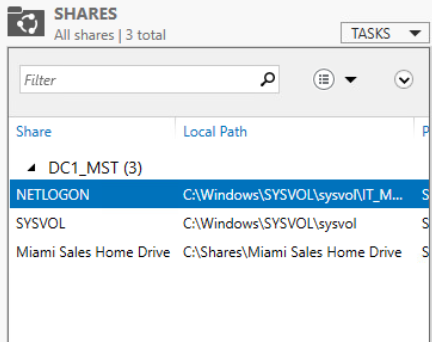


Figure 12: Created SMB Share on Server-1

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Figure 13: Mapping the SMB share to the Miami Sales Group on Workstation

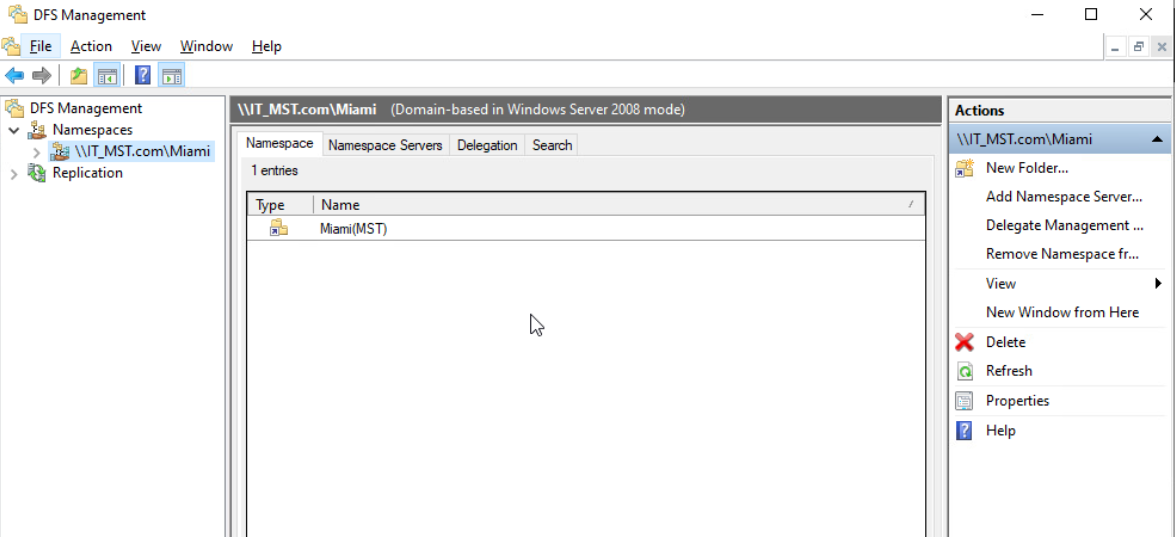


Figure 14: Created a DFS Name Space and added Target to the namespace.

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Figure 15: Replication Group Created

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Figure 16: Folder Quota, Created a folder with 2 GB limit on Miami Sales Home Drive

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Figure 17: File Screen

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Figure 18: Adding a new network printer on server 1

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Figure 19: Deploying the printer

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Figure 20: Deployed Printer is seen on the workstation

A screenshot of a computer

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Figure 21: A new volume created, Seattle drive on server 2 with 5 GB limit

Screens screenshot of a computer

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Figure 22: Enabling Data deduplication with throughput optimization on Seattle Drive

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Figure 23: A new storage pool created on server 2

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Figure 24: Crafted a fresh Windows scheduled backup, directing it to the Miami Sales Home Drive, and set it to run daily at 6:00 PM

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Figure 25: Forward Lookup

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Figure 26: SOA’s TTL is modified to 2 hrs

A screenshot of a computer screen

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Figure 27: Zone transfers Added to the server 2

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Figure 28: Established a novel IPv4 scope, incorporating a printer reservation within the scope. Additionally, adjusted DHCP tolerance, setting the maximum client lead time to 3 hours

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Figure 29: Reservation Printer

A screenshot of a computer program

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Figure 30

A screenshot of a computer

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Figure 31: Server - II is now integrated into the DHCP tolerance system, showing the scope set up on Server - I.

A screenshot of a computer

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Figure 32: VPN access

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Figure 33: Configuring Radius Authentication

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Figure 34: A new network policy is created

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Figure 35: Generated a fresh Group Policy Object (GPO) targeted at the New York Organizational Unit (OU), and included User1 within the associated security group.

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Figure 36: The password policies are all correctly configured; however, I adjusted the minimum password length to 8 characters.

A screenshot of a login box

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Figure 37: Conducted testing on the workstation by attempting password changes with fewer than 8 characters.

A screenshot of a computer screen

Description automatically generated

Figure 38: A warning is displayed since the password doesn't meet the complexity requirements.