

Windows Network Configuration Report

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Company: ACME Corp

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1. Project Overview

As a newly hired junior system administrator, I was tasked with setting up a basic Windows Server-based network to demonstrate my understanding of Windows domain administration, file sharing, permissions, and printer management. The goal was to configure a small domain with specific access rules for users and groups.

2. Network Configuration Summary

Component	Hostname	IP Address	Role
Domain Controller	DC1	172.16.0.1	Active Directory, DNS
File Server	FILESERVER1	172.16.0.2	File & Print Server
Domain Name	ACME.LAN	—	Internal Domain for Network

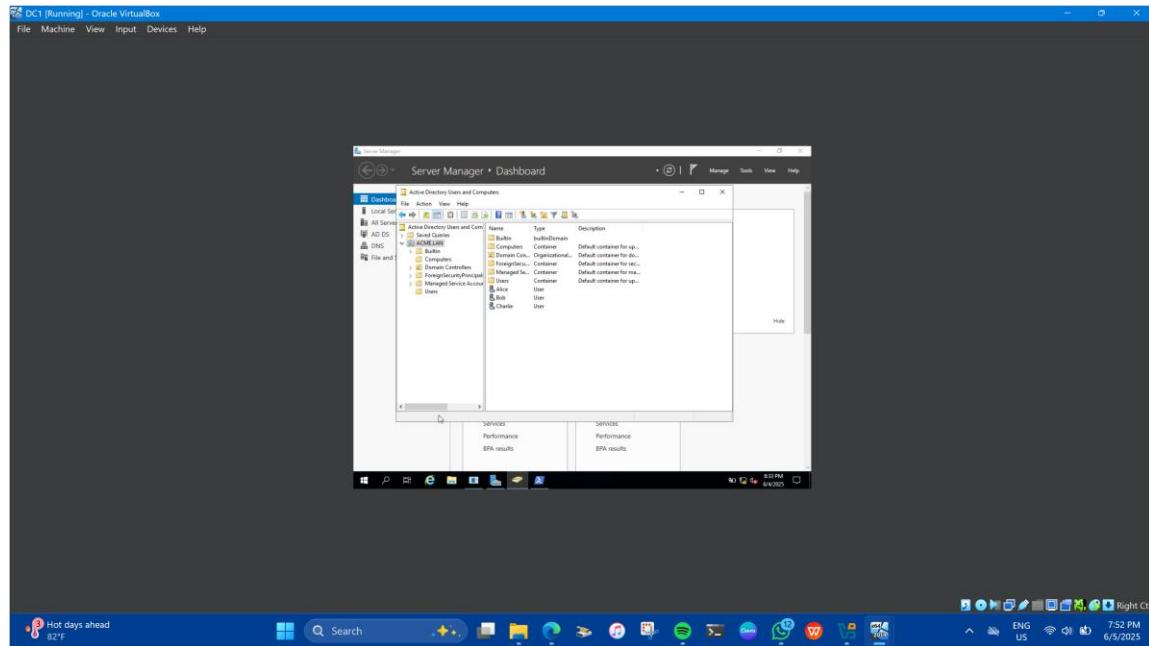
3. Domain Users and Groups

Three users were created on DC1 under the domain ACME.LAN:

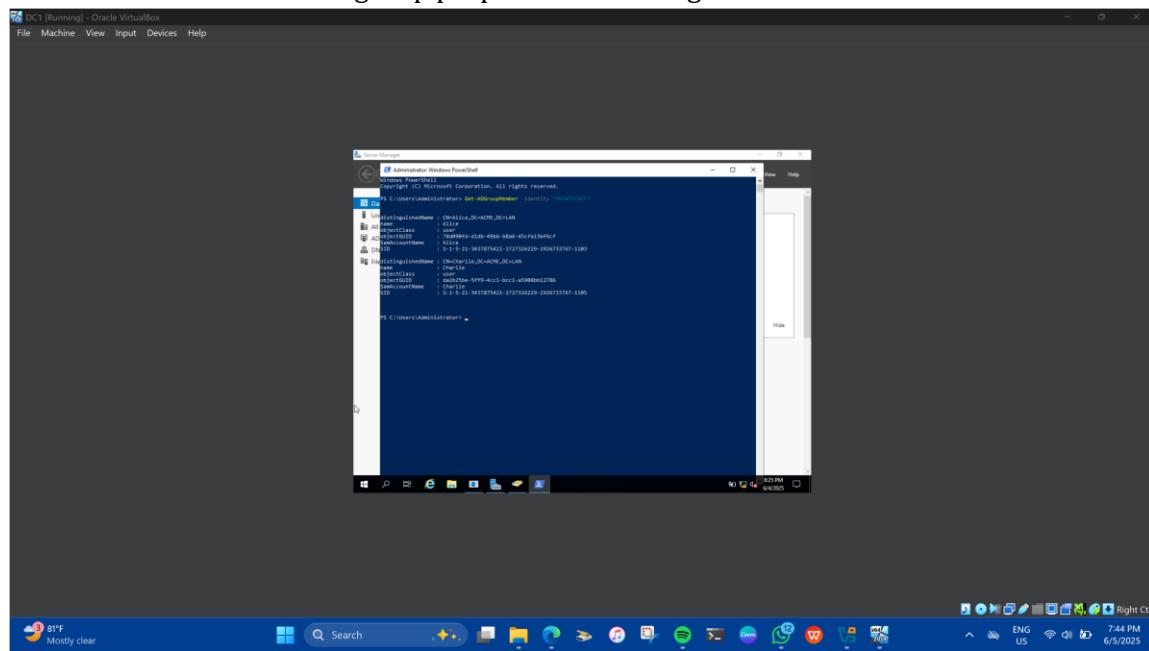
- Alice
- Bob
- Charlie

A security group named PRINTSTAFF was also created. Only Alice and Charlie were added as members of this group.

Screenshot 1: Active Directory Users and Computers – showing Alice, Bob, Charlie, and PRINTSTAFF group



Screenshot 2: PRINTSTAFF group properties – showing Alice and Charlie as members



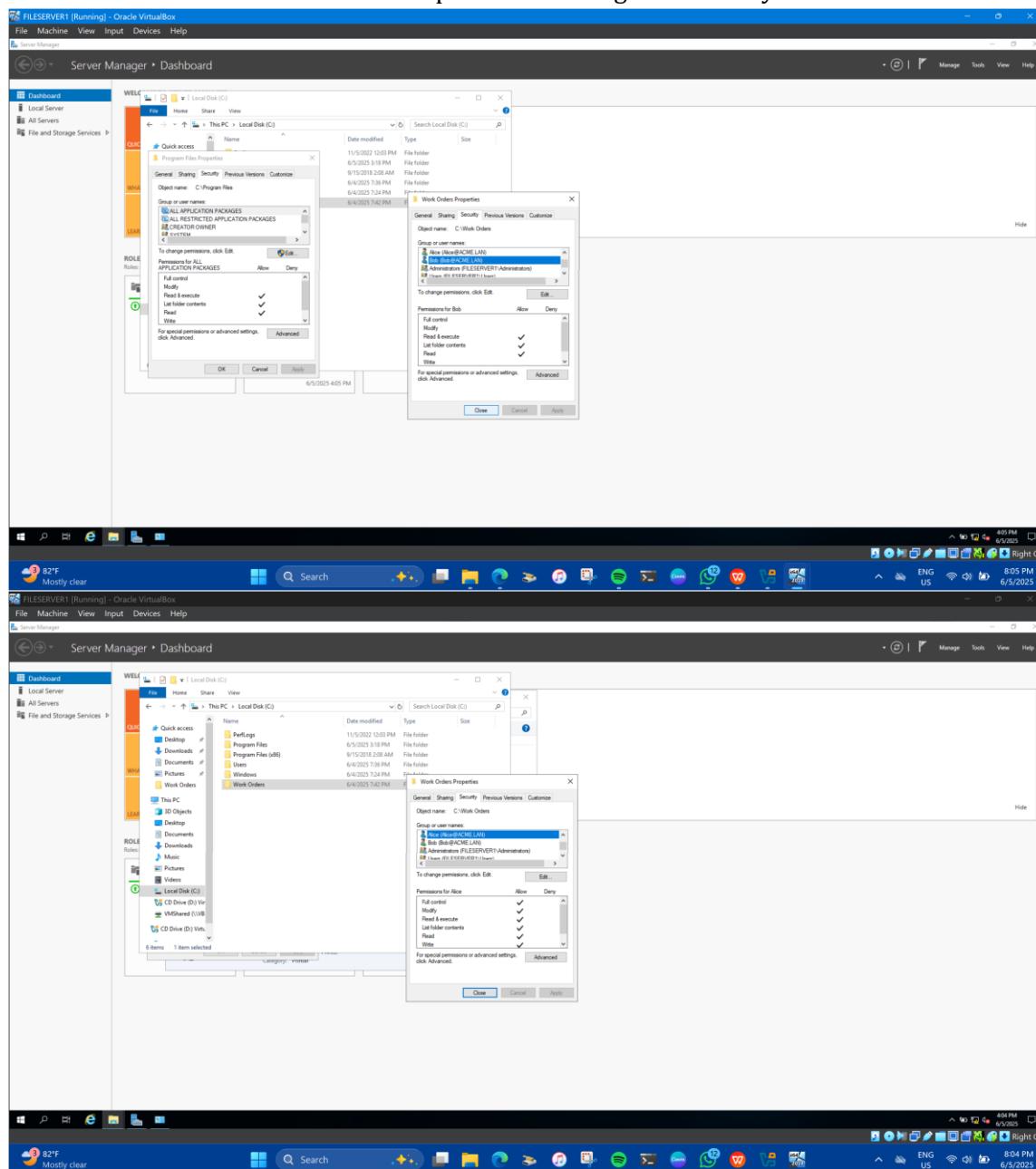
4. Shared Folder: “Work Orders”

On FILESERVER1, a shared folder named Work Orders was created and permissions were applied as follows:

User	Access Level
Alice	Full Control
Bob	Read Only
Charlie	No Access

Sample files (**instructions.txt**, **work1.txt**, and **report.txt**) were placed in the folder to validate access control.

Screenshot 3: Work Orders folder Properties – Sharing and Security tabs



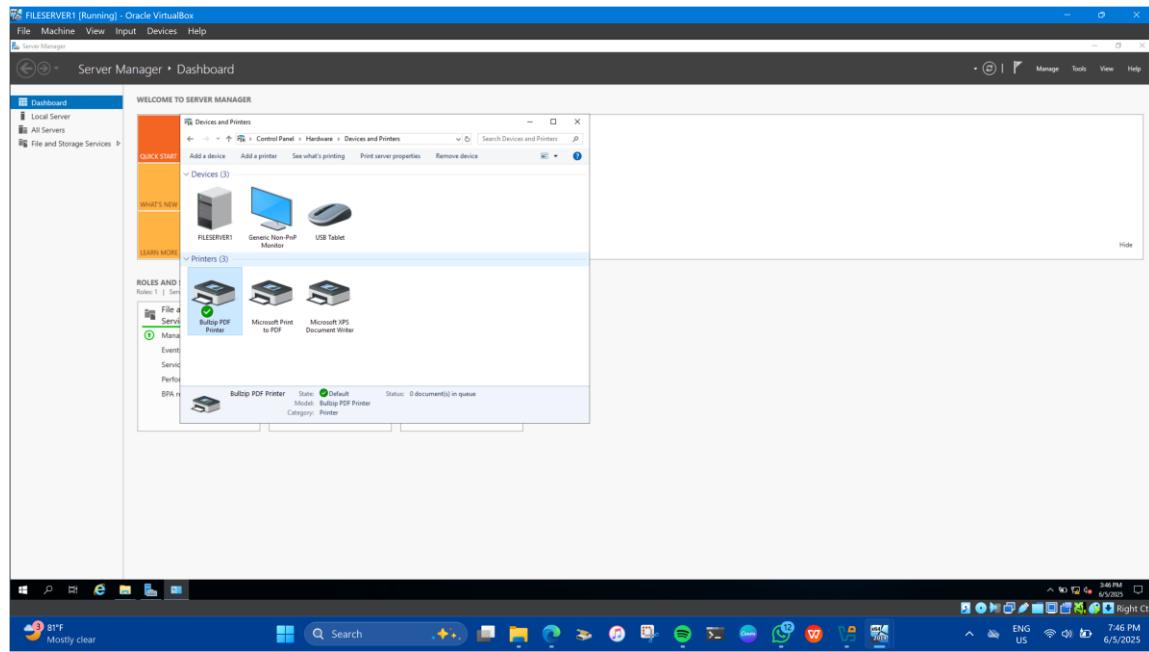
5. Printer Setup and Group Permissions

A virtual printer, Bullzip PDF Printer, was installed on FILESERVER1 as the default printer. This printer was configured so only members of the PRINTSTAFF group could print.

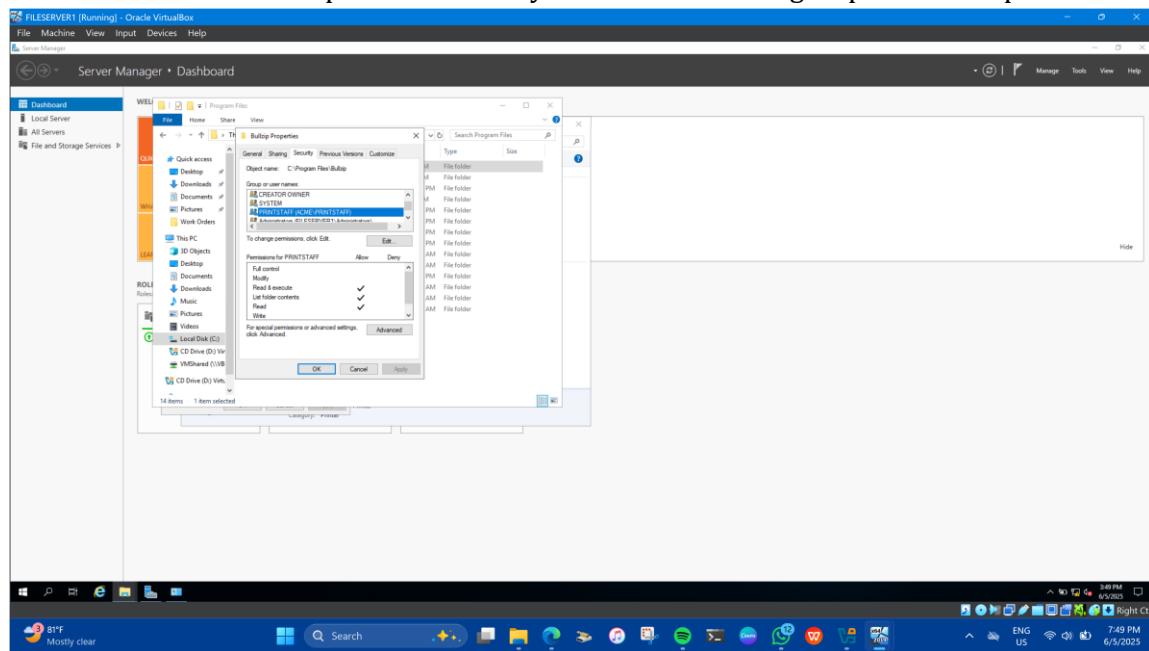
Group Permissions:

User	Can Print?	Member of PRINTSTAFF
Alice	<input checked="" type="checkbox"/> Yes	<input checked="" type="checkbox"/> Yes
Bob	<input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> No
Charlie	<input checked="" type="checkbox"/> Yes	<input checked="" type="checkbox"/> Yes

Screenshot 4: Devices and Printers – showing Bullzip PDF Printer installed and set as default



Screenshot 5: Printer Properties > Security tab – PRINTSTAFF group with Print permission



6. Conclusion

The Windows network was successfully set up according to specifications:

- Domain services and user accounts are functional
- Shared folder access is restricted appropriately
- Printing is restricted to authorized users via group permissions

This demonstrates managing Windows Server 2019 environments, Active Directory, file sharing, and printer security.

End of Report