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I confirm that I understand my coursework needs to be submitted online via Google Classroom under the relevant module page before the deadline in order for my assignment to be accepted and marked. I am fully aware that late submissions will be treated as non-submission and a mark of zero will be awarded.

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1.Introduction

Windows server 2022 is the latest version of microsoft's server operating system. It is advanced in security , scalability and efficiency for modern needs. Server manager is a management tool that allows administrators to configure various server roles and features. Ig has a task like creating new user, managing roles and configuring network setting. Command Line Interface(CLI) allows to add and remove users through power shell command.

2.Objective

To change the server name, set the time zone, enable remote desktop, setting the static ip address , turning of IE enhanced security and enabling auto windows update, adding user using GUI and CLI and removing the user throug CLI and storing password using variables as secureString in windows powershell in windows 2022 server.

3. Changing server name

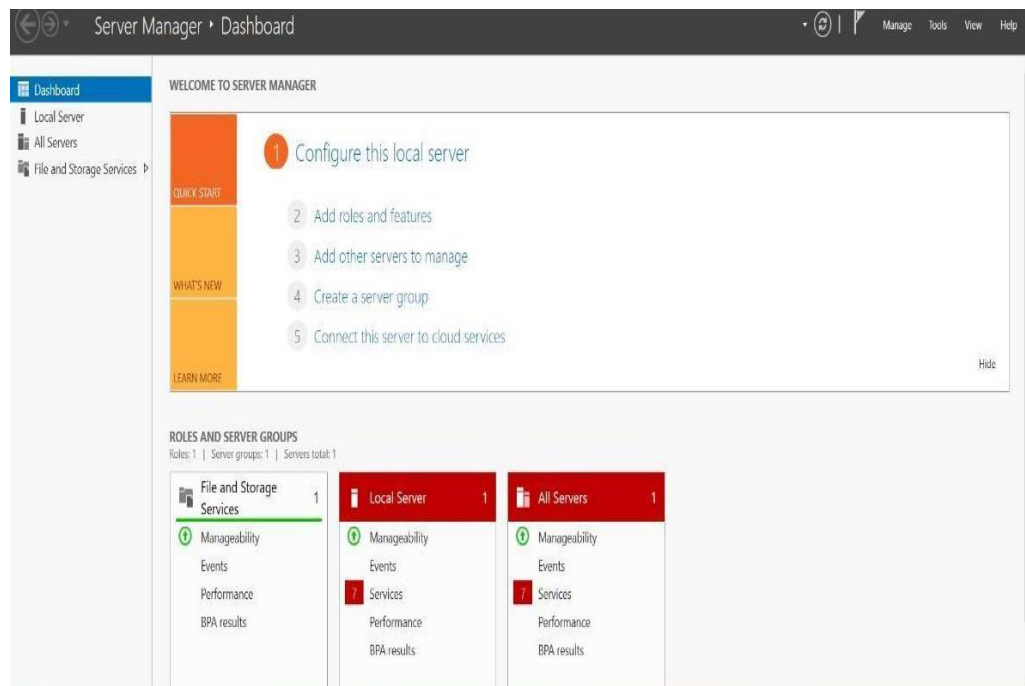


Figure 1 : Opening server management

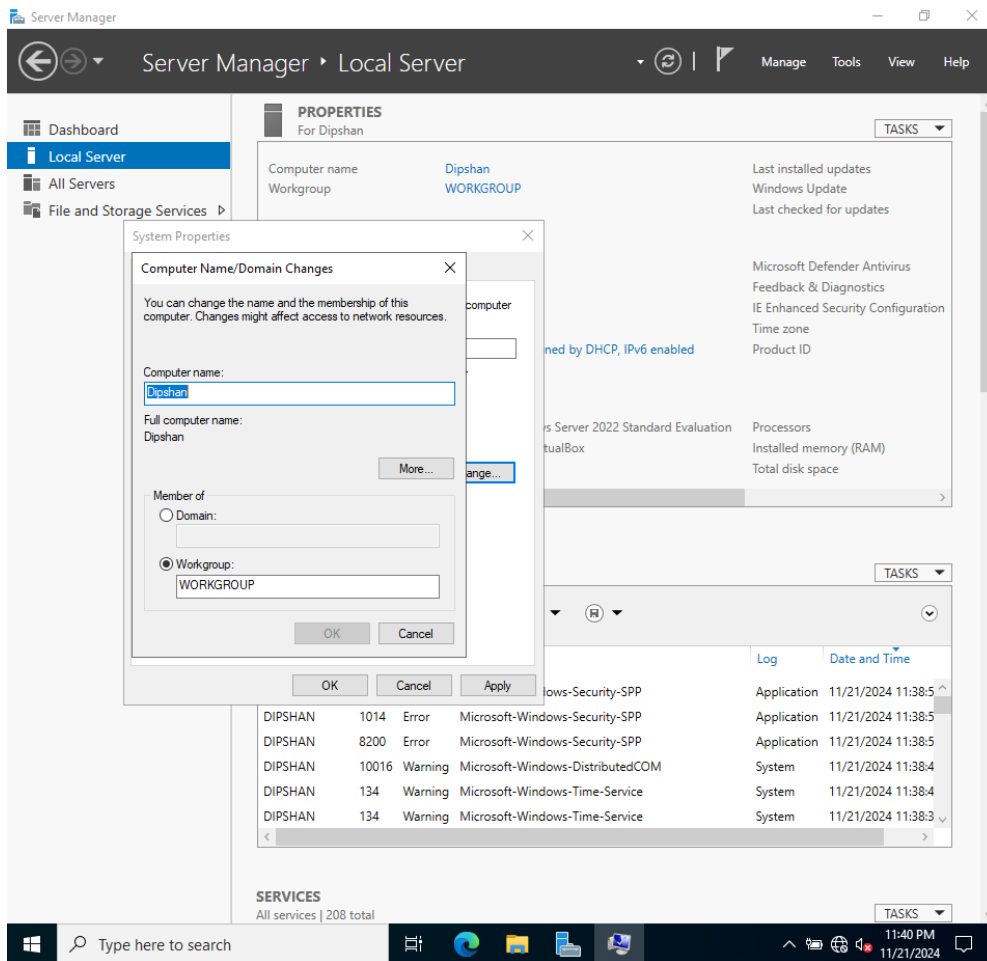


Figure 2 : Changing the server name

4. Enabling Remote Desktop

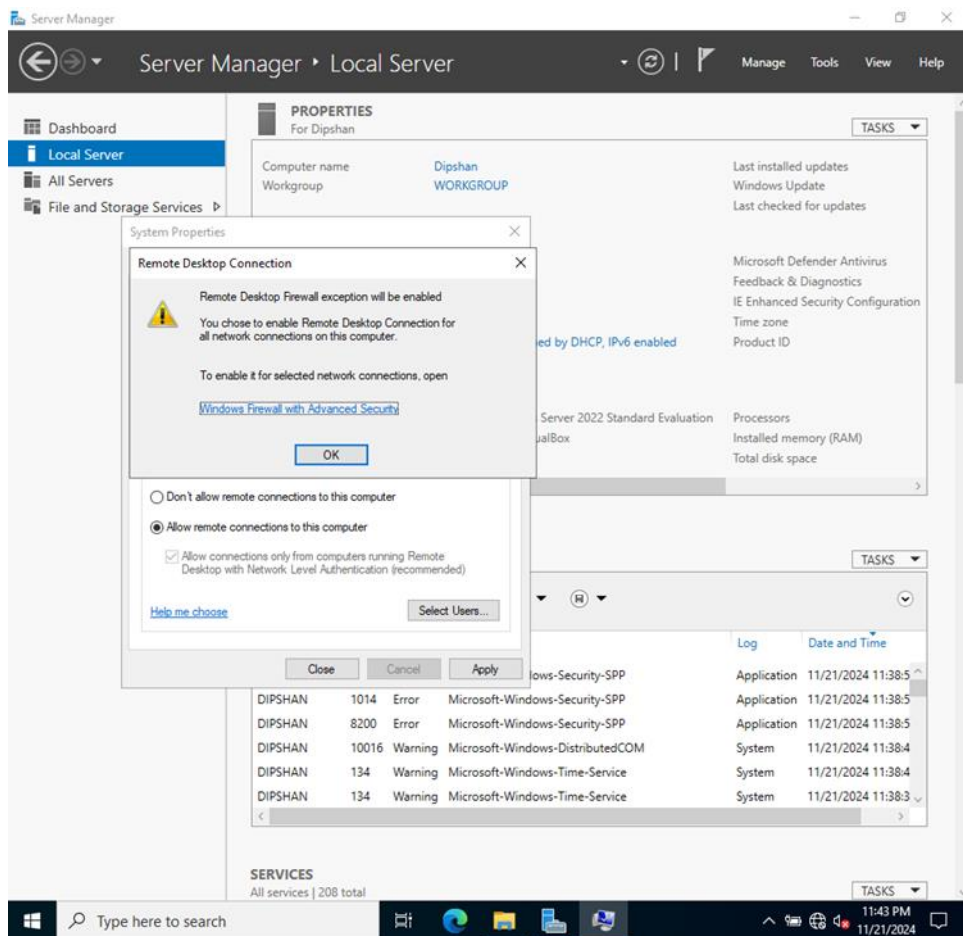


Figure 3 : Allow button is pressed , allowing remote desktop connection

5. Setting up Static IP address

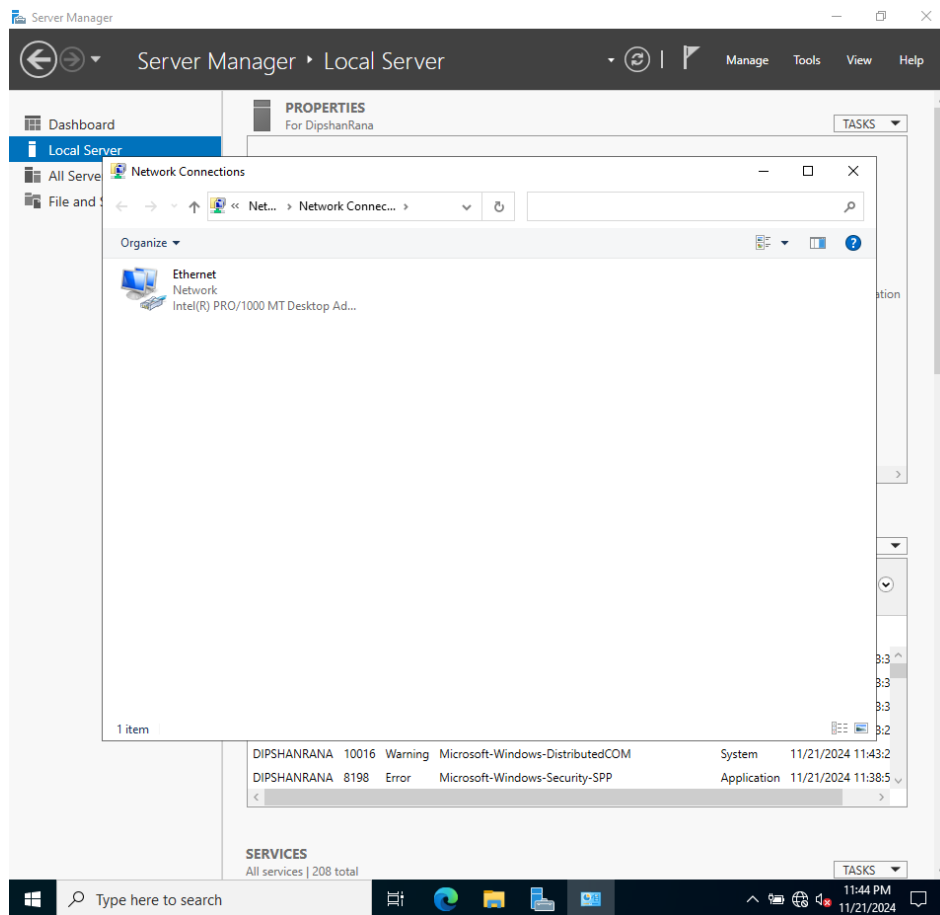


Figure 4 : list of network adapters connected to the server

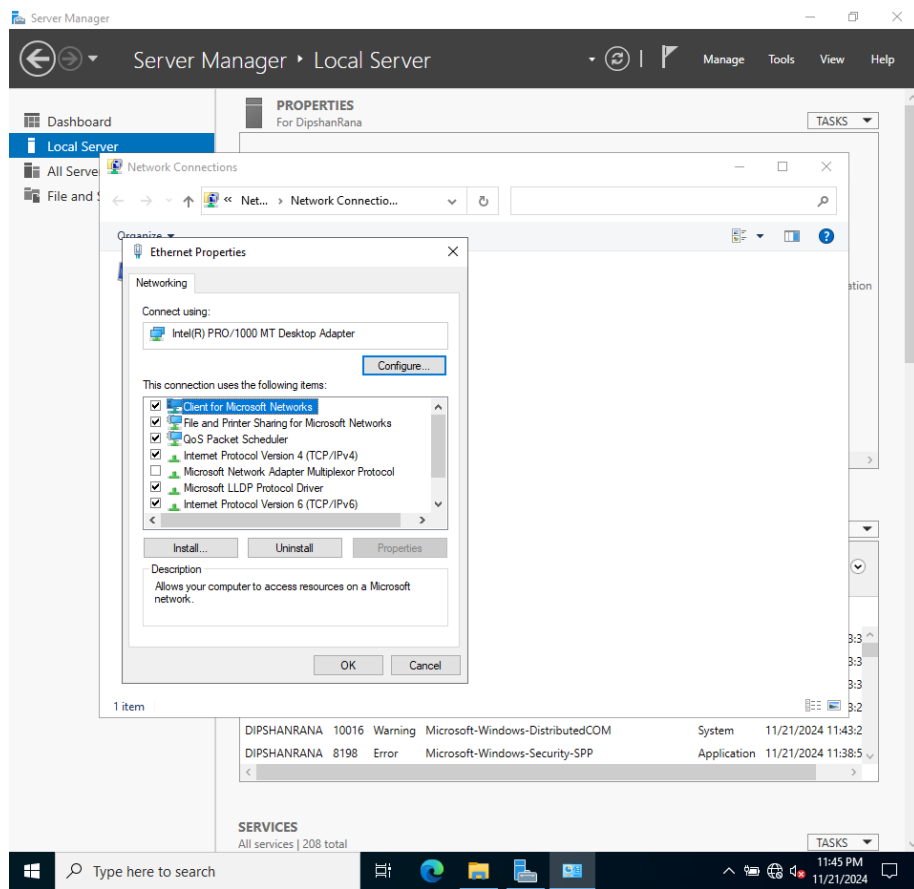


Figure 5 : properties of adapter

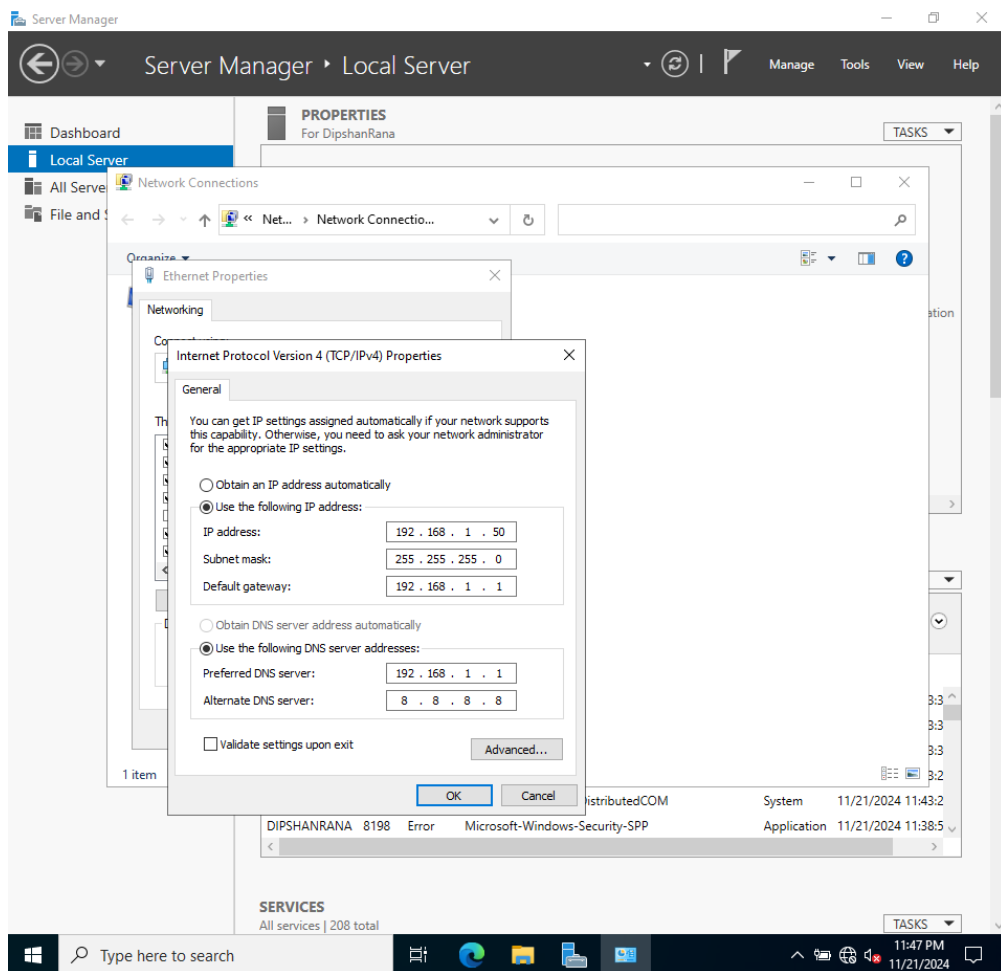


Figure 6 : Configured static ip sucessfully

6. Setting time zone

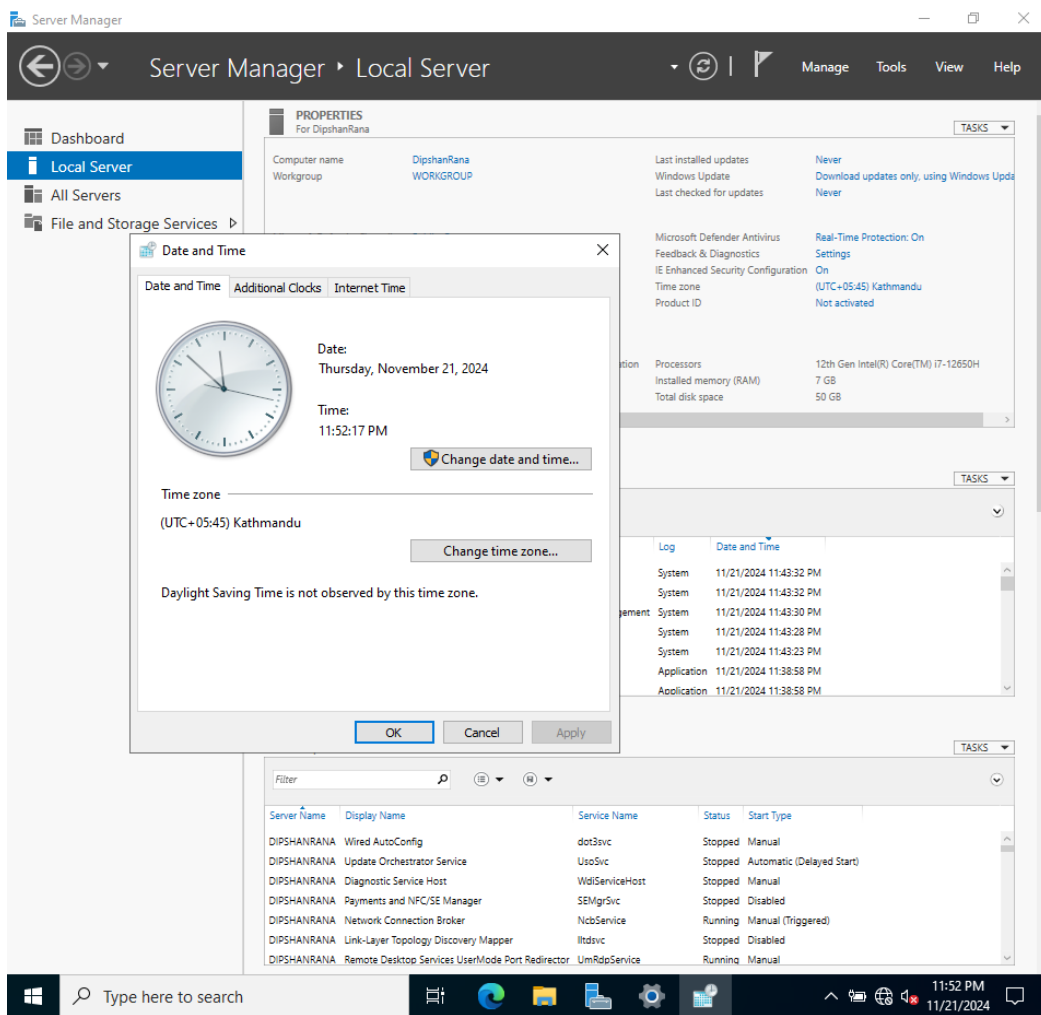


Figure 7: Time zone set to kathmandu

7. Turning off IE security and checking for updates

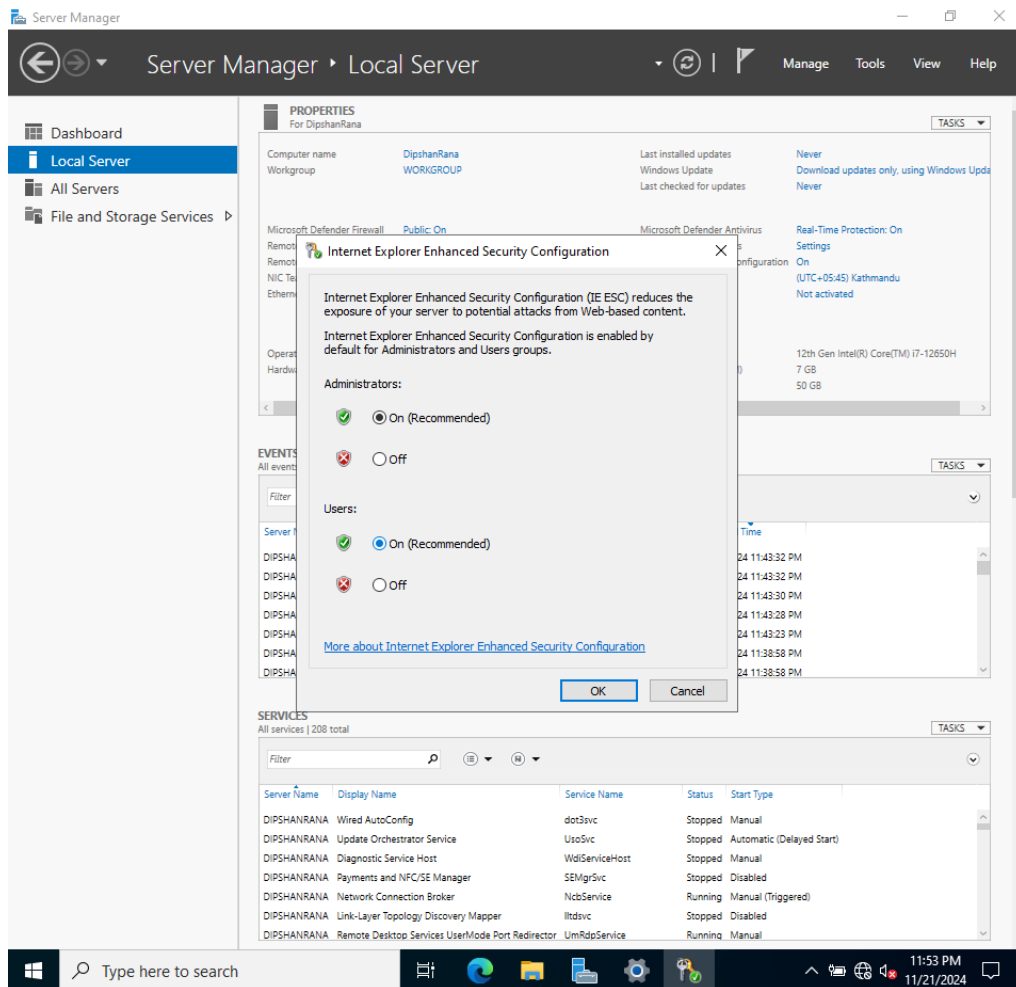


Figure 8: Opening IE enhanced security configuration from menu

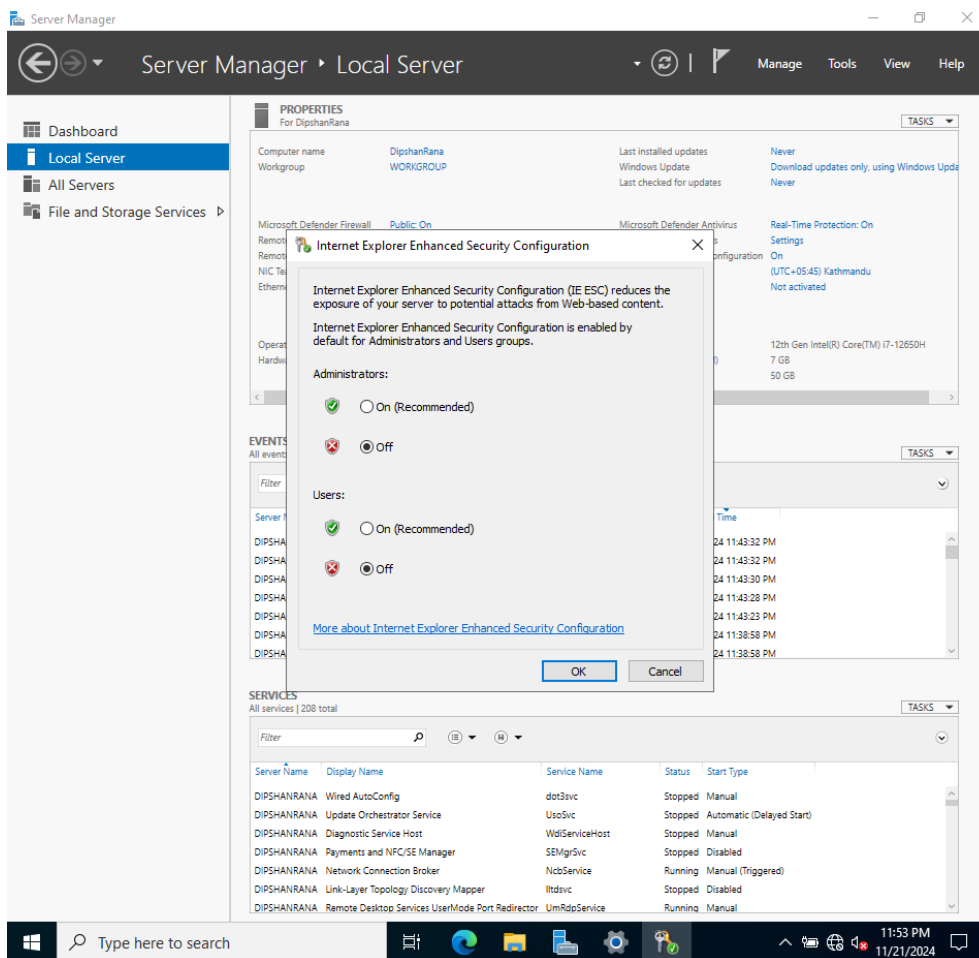


Figure 9 : IE security is turned off for both Admin and Users

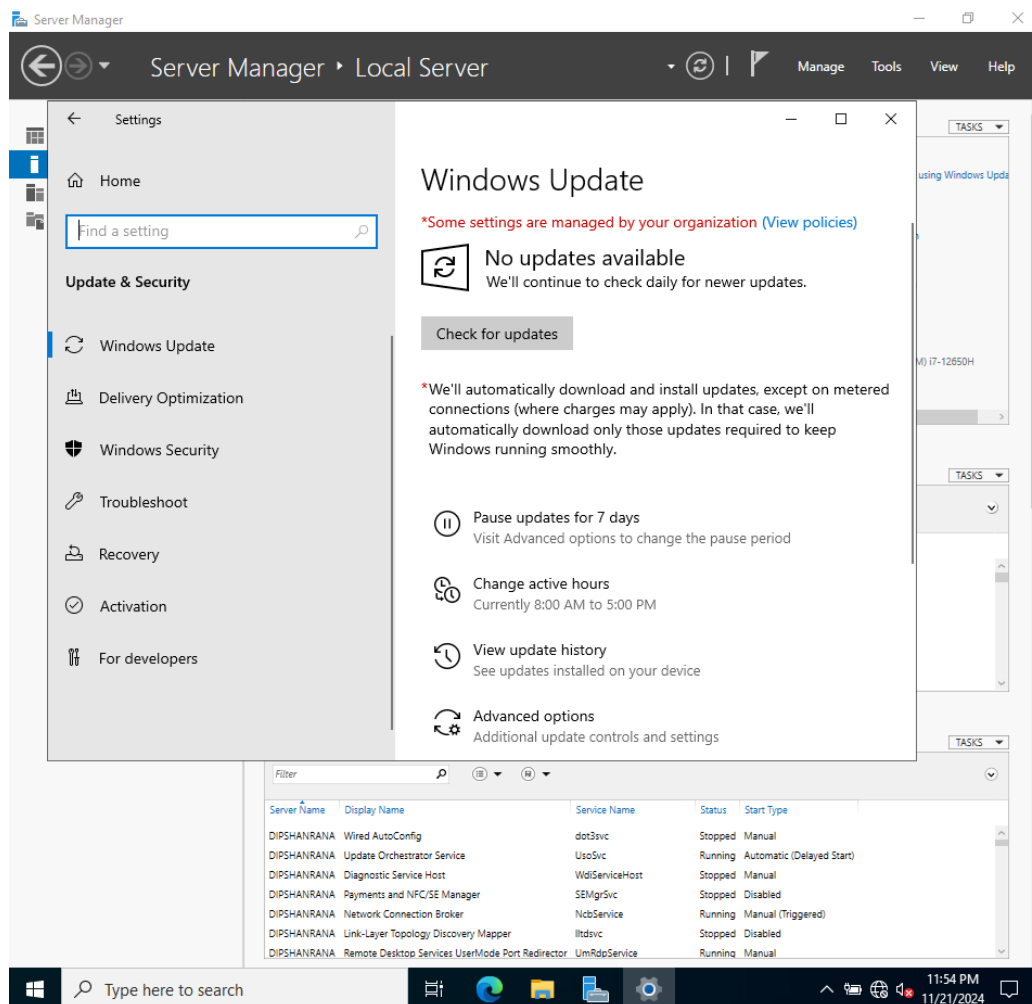


Figure 10: Checking for windows update

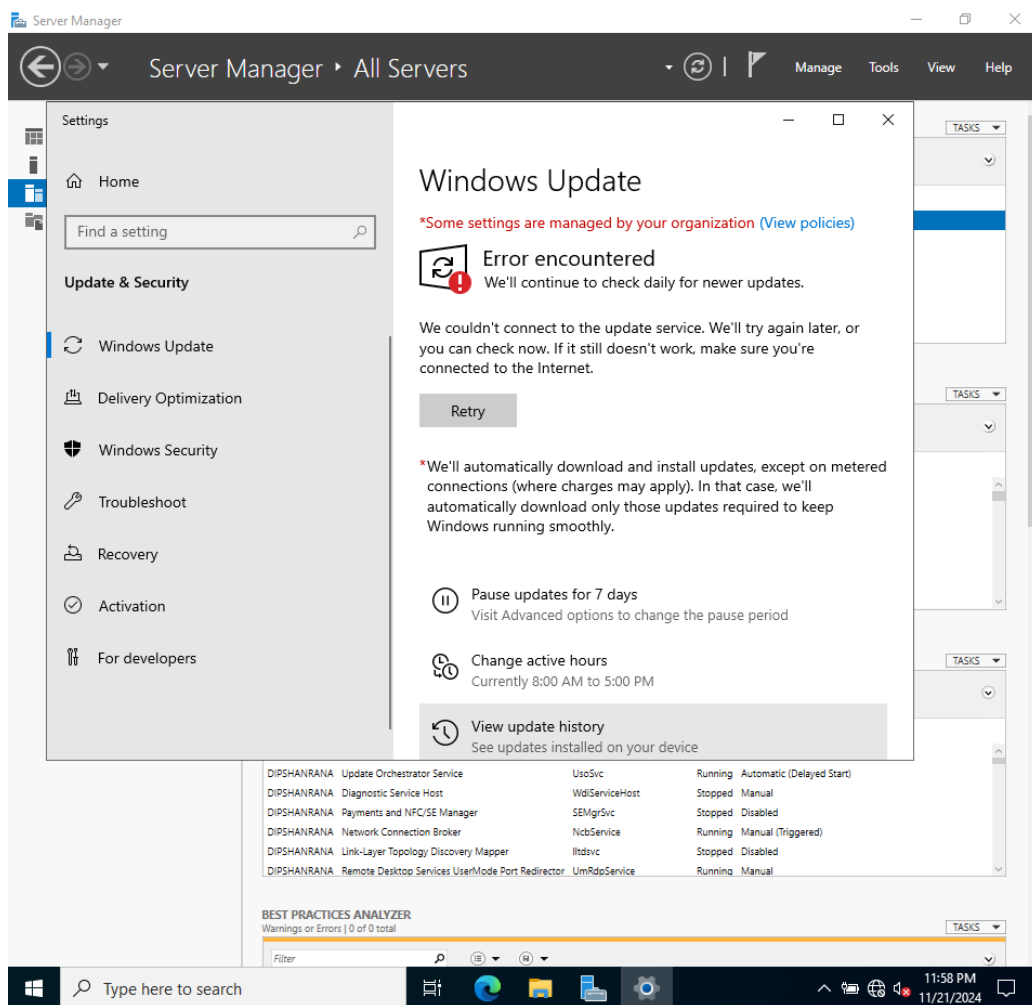


Figure 11 : Error occurred since there is no internet connectivity

8. Adding user using GUI

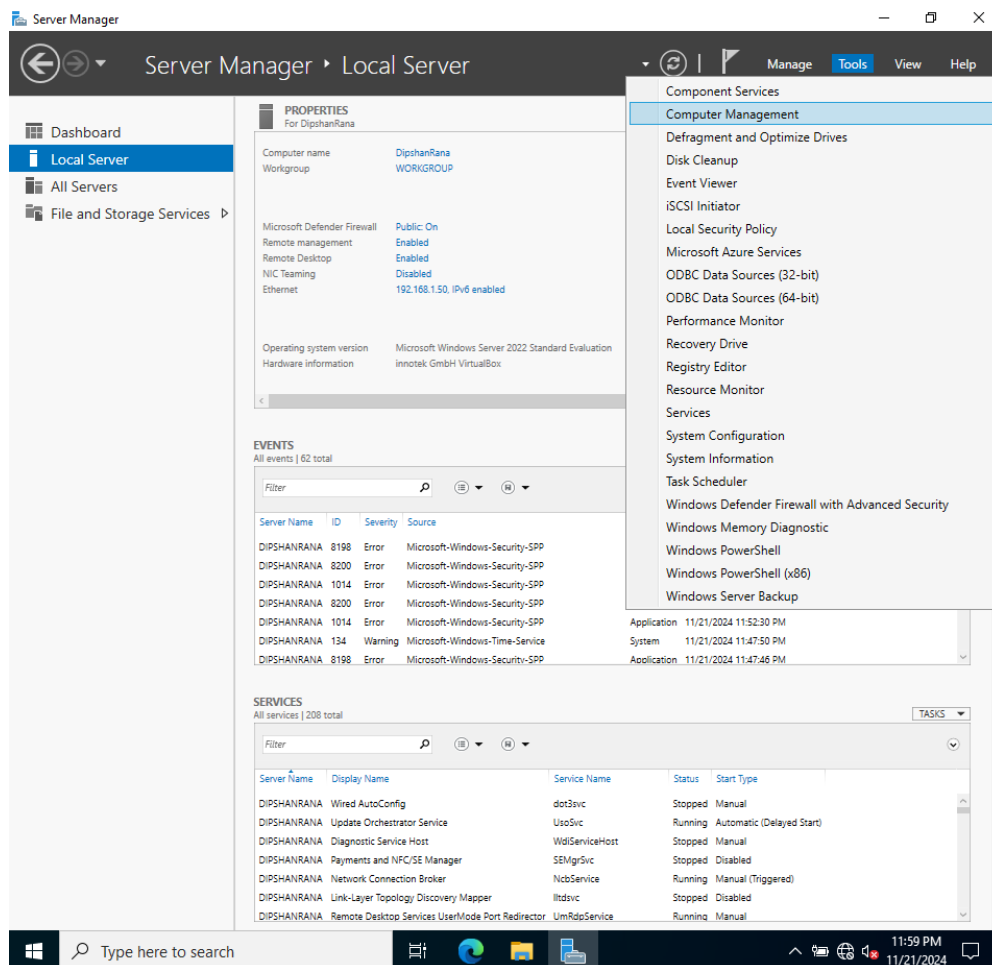


Figure 12: selecting computer management from toolbar

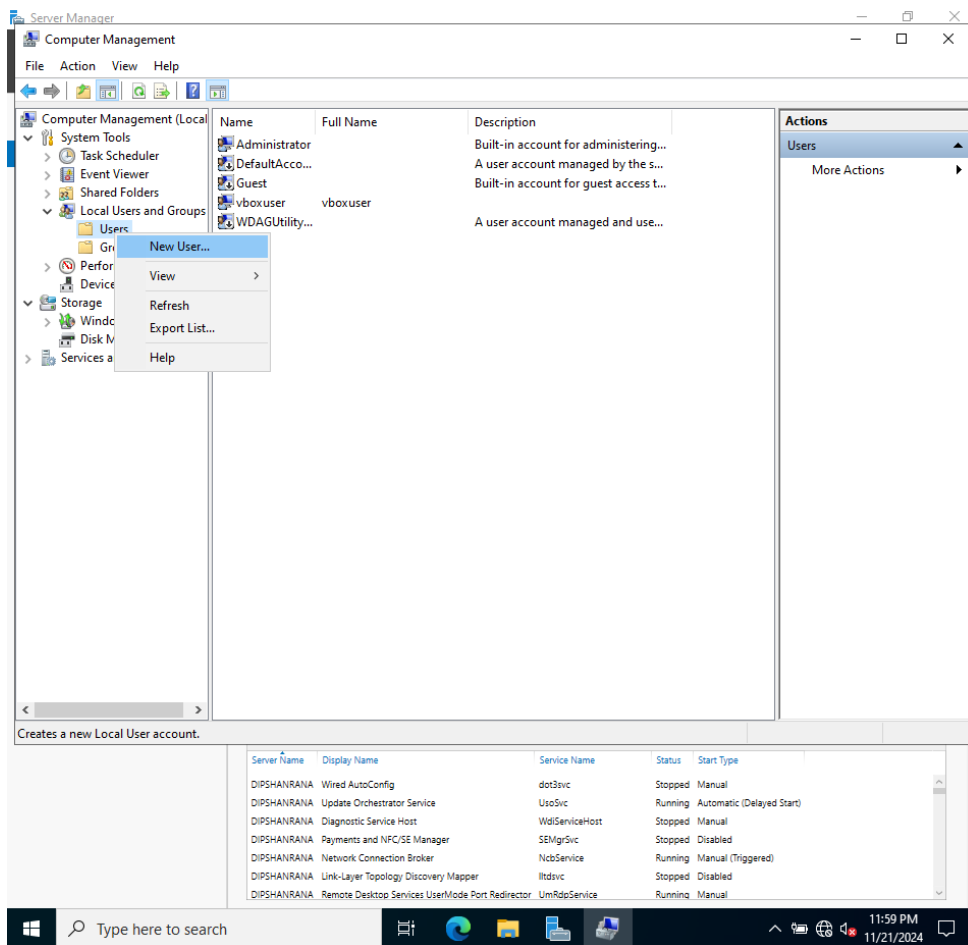


Figure 13 : Right clicking on user and pressing new user from local user and groups

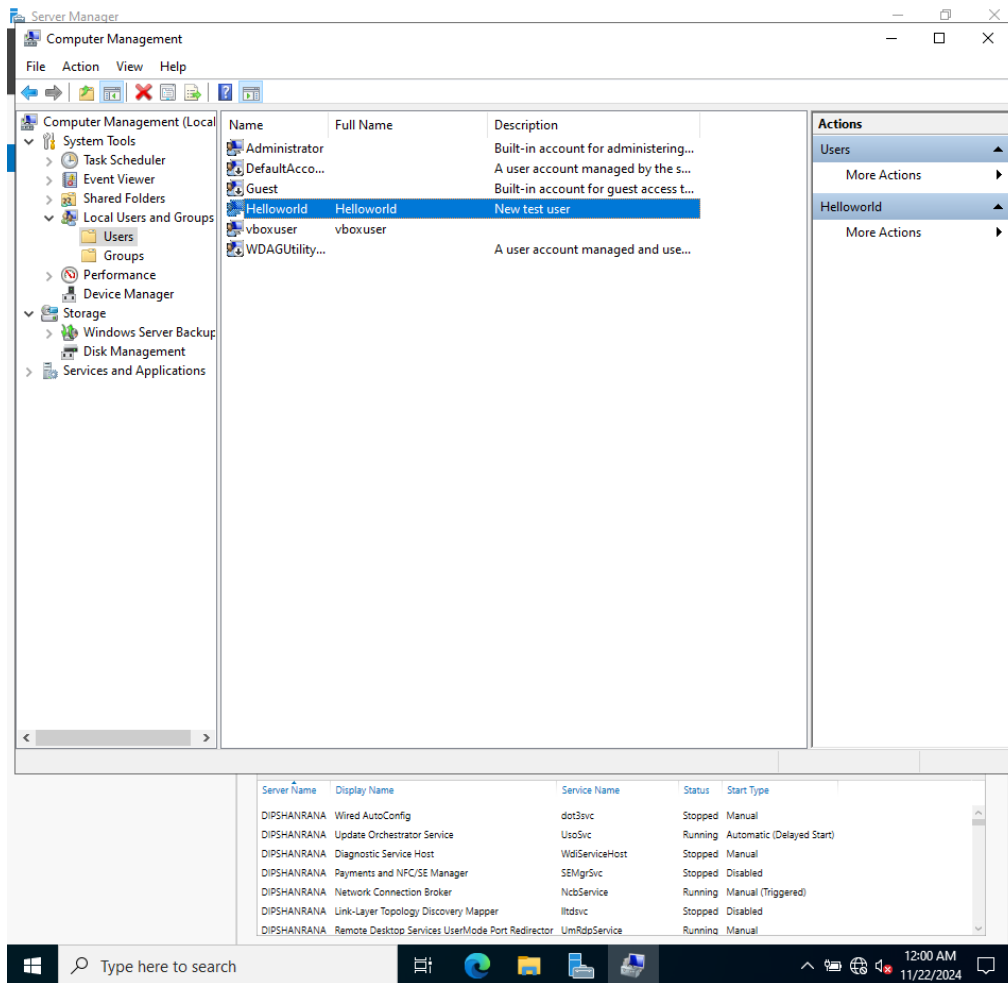


Figure 14 : After filling the details new user is added

9. Adding new user using windows powershell

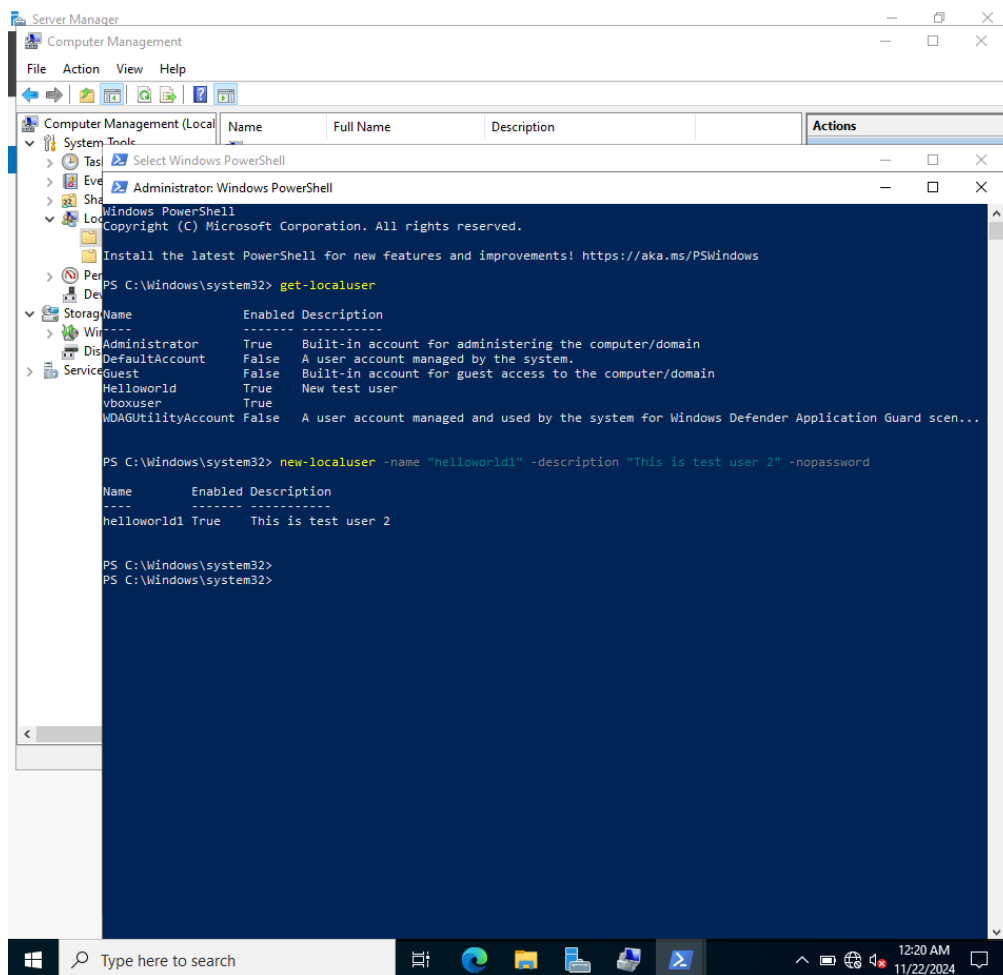


Figure 15: viewing all users and adding new user

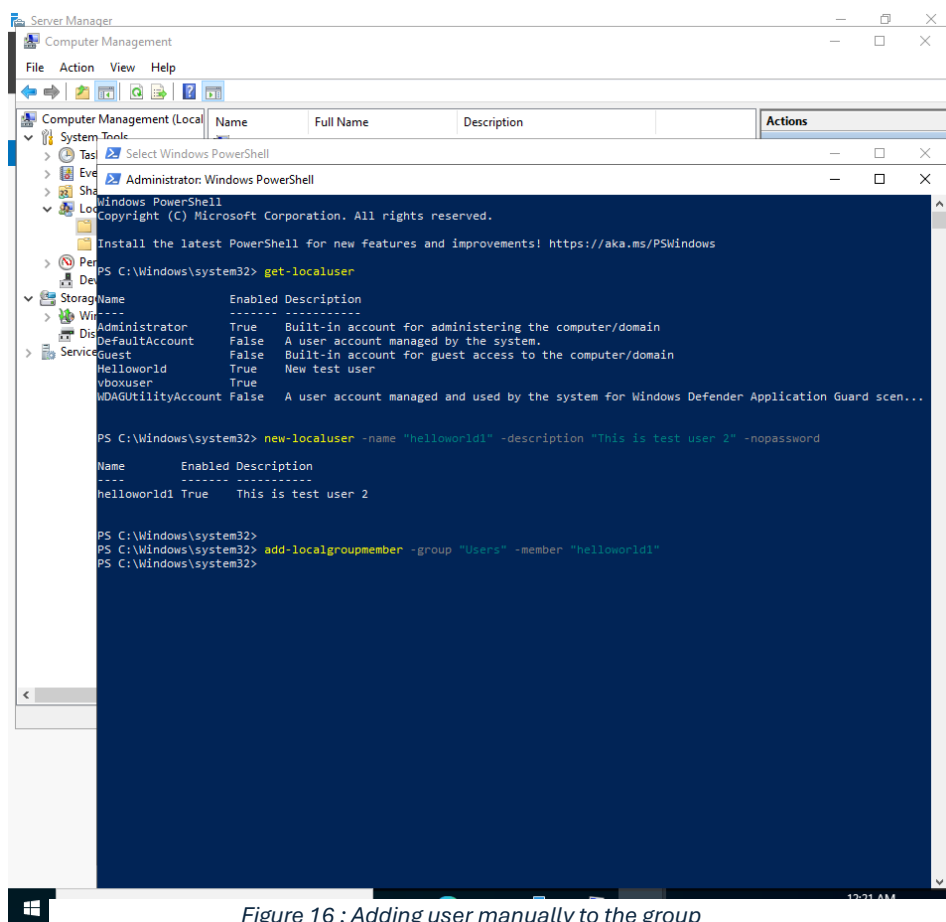


Figure 16 : Adding user manually to the group

10. Removing a user

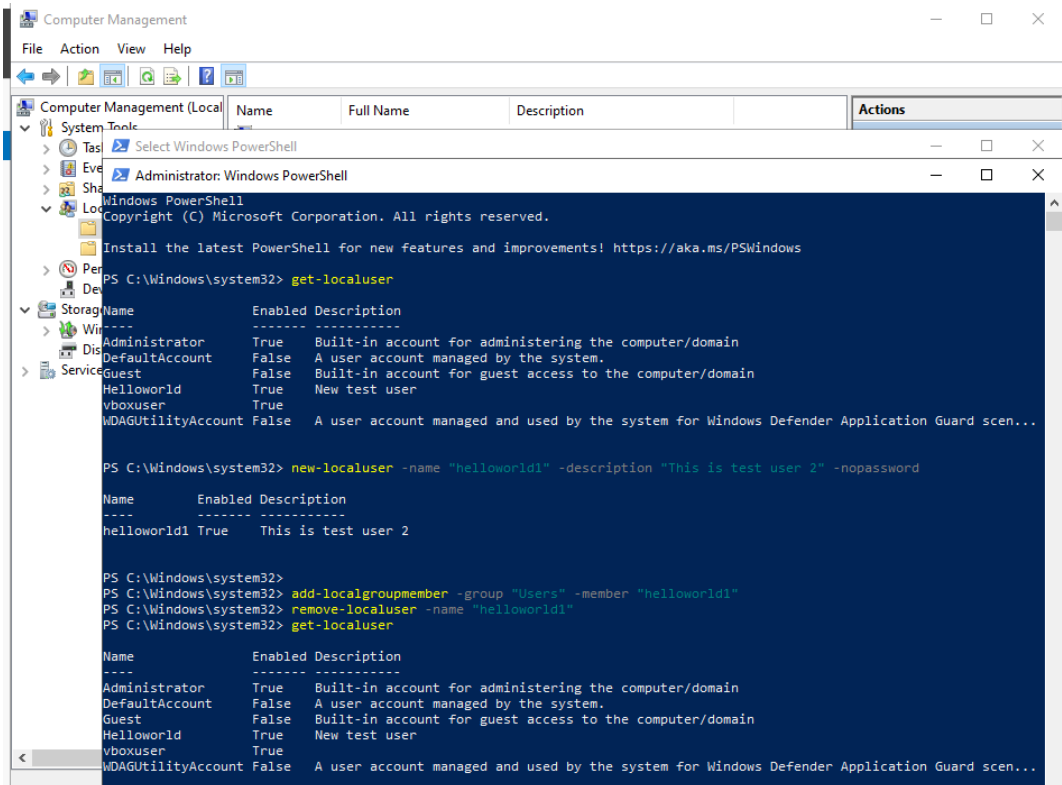


Figure 17 : User removed

11. Storing passwords using variables as securestrings

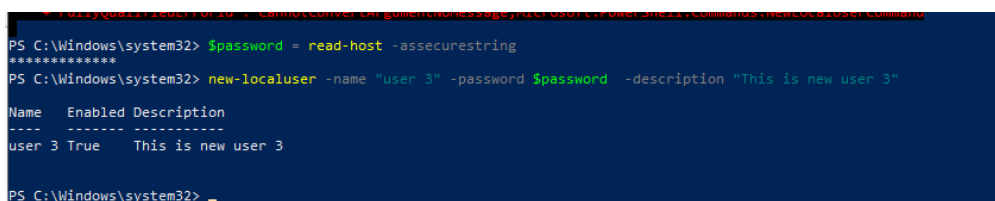


Figure 18 : A new user is created by giving the variable as password

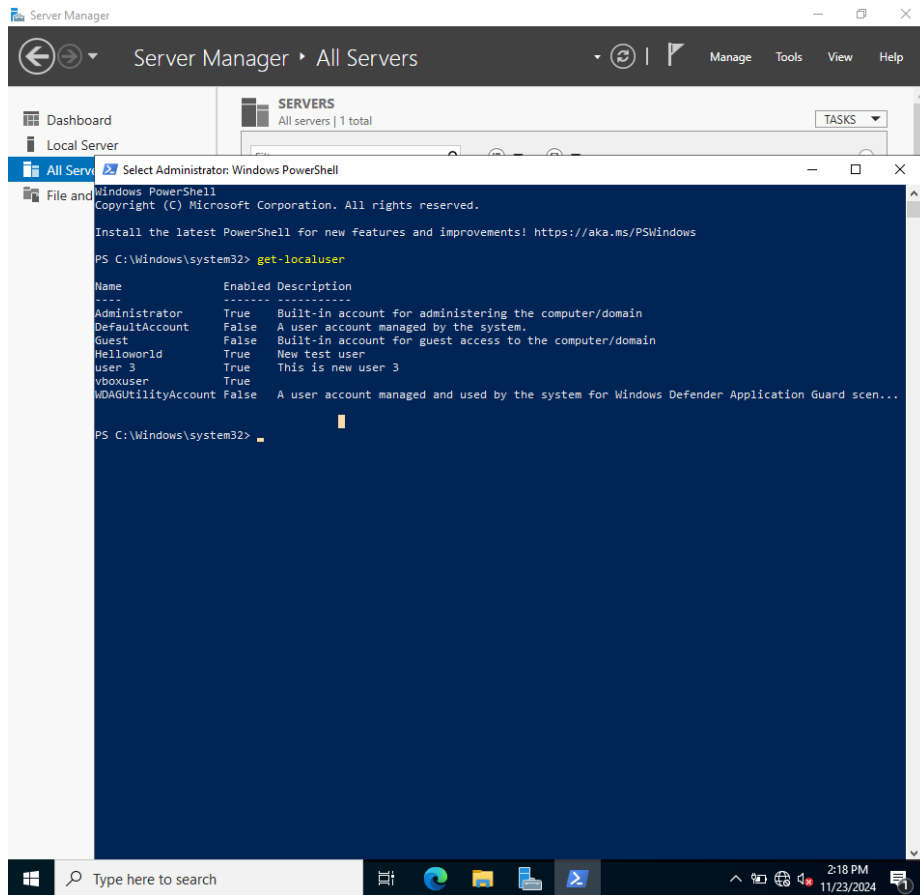


Figure 19 : New user added using variable as password

12. Conclusion

Hence, access to remote desktop access is enabled, new users are added and removed using GUI and CLI commands, IE enhanced security is turned off and updates are checked , time zone is set , server name is changed and static IP address is configured.

13. Biblography

- Microsoft. (n.d.). *Windows Server administration*. Microsoft Learn. Retrieved November 22, 2024, from <https://learn.microsoft.com/en-us/windows-server/administration>