Azure VM and Azure File Share Project Report

# 1. Student Information

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# 2. Virtual Machine Creation Steps

- Created a new Virtual Machine from the Azure portal.  
- Created a new Resource Group.  
- Selected Windows 11 Pro as the operating system.  
- VM Configuration:  
 • Size: Standard B1s  
 • Region: West Europe  
 • Admin username and password set.  
- Downloaded the RDP file from the 'Connect' button and connected to the VM.

# 3. Security and RDP Configuration

- Ensured that port 3389 (RDP) was open in the Networking settings.  
- Fixed 'SecurityHealthSystray.exe' error by updating Windows and installing .NET Framework.  
- Successfully connected to the VM using Remote Desktop.

# 4. Azure File Share Creation

- Created a new Storage Account in the Azure portal.  
- Created a new File Share inside the storage account.  
- Used the 'Connect' button to generate a PowerShell command.  
- Ran the command in PowerShell (Admin) on the VM to map the File Share to drive Z:.

# 5. Tasks Performed on the Virtual Machine (Optional)

- [ ] IIS installed and a simple website published.  
- [ ] SQL Server Express installed and a database created.  
- [x] Files created, read, and deleted on the Azure File Share.

# 6. GitHub and LinkedIn Sharing

GitHub Repository Link:  
👉 https://github.com/orhankahyaoglu/azure-vm-project  
  
LinkedIn Post Link (optional):  
👉 www.linkedin.com/in/orhan-kahyaoğlu-9b9137211

# 7. Problems Encountered and Solutions

|  |  |
| --- | --- |
| Problem | Solution |
| RDP connection failed | Enabled inbound rule for port 3389 (RDP) |
| SecurityHealthSystray.exe error | Performed Windows Update and installed .NET Framework |
| PowerShell mapping command failed | Used correct storage key from Azure portal |

# 8. Resource Cleanup

- Deleted the virtual machine, disk, IP address, and storage account manually.  
- Prevented unnecessary Azure charges.

# 9. Screenshots (to be inserted manually)

- Screenshot of RDP connection to the VM  
- Screenshot of the mapped File Share (Z: drive)  
- Screenshot of PowerShell command output

# 10. Conclusion

This project successfully demonstrated the creation and configuration of an Azure Virtual Machine, establishing RDP access, setting up Azure File Share, and performing basic file operations. The work was documented and shared via GitHub, and Azure resources were cleaned up to avoid extra costs.