

# Azure Major Project

- Create a Resource group by Name (VerzeRG01)
- Create a virtual network (verzvnet01)
- Create a virtual machine in the portal(VerzVM01)
- Create blob storage(VerzSTR01)
  - o Create a File Share (Verzfs01)and mount on the (VerzVM01)
- Create a network security group
- Configure an inbound security port rule to allow RDP
- Configure an outbound security port rule to deny Internet access
- Create an Azure Policy to only allow certain locations (Southeast Asia), try to create a resource in any other location and check the policy evaluation.(You can use any other region)
- Apply a lock on the (VerzeRG01) and test if you are allowed to delete any resource.
- Setup CPU Threshold alert for the VM (VerzVM01)
- Create Action(Verzactgrp) Group for the above alert with your email id.
- Check if you are receiving the alert
- Create a Recovery Services vault (Vezvault01) in the Resource Group (VerzeRG01)
- Setup Backup for the Virtual Machine (VerzVM01) and ensure backup is completed successfully.

Output – Create a Word Document and attach all the screenshots of the above activity along with one liner description

# Helpful links

1	Create a virtual machine in the portal	<a href="https://microsoftlearning.github.io/AZ-900T0x-MicrosoftAzureFundamentals/Instructions/Walkthroughs/01-Create%20a%20virtual%20machine.html">https://microsoftlearning.github.io/AZ-900T0x-MicrosoftAzureFundamentals/Instructions/Walkthroughs/01-Create%20a%20virtual%20machine.html</a>
2	Create a virtual network	<a href="https://microsoftlearning.github.io/AZ-900T0x-MicrosoftAzureFundamentals/Instructions/Walkthroughs/03-Create%20a%20virtual%20network.html">https://microsoftlearning.github.io/AZ-900T0x-MicrosoftAzureFundamentals/Instructions/Walkthroughs/03-Create%20a%20virtual%20network.html</a>
3	Create blob storage	<a href="https://microsoftlearning.github.io/AZ-900T0x-MicrosoftAzureFundamentals/Instructions/Walkthroughs/04-Create%20Blob%20storage.html">https://microsoftlearning.github.io/AZ-900T0x-MicrosoftAzureFundamentals/Instructions/Walkthroughs/04-Create%20Blob%20storage.html</a>
4	Create a SQL database	<a href="https://microsoftlearning.github.io/AZ-900T0x-MicrosoftAzureFundamentals/Instructions/Walkthroughs/05-Create%20a%20SQL%20database.html">https://microsoftlearning.github.io/AZ-900T0x-MicrosoftAzureFundamentals/Instructions/Walkthroughs/05-Create%20a%20SQL%20database.html</a>
5	Create a Web App	<a href="https://microsoftlearning.github.io/AZ-900T0x-MicrosoftAzureFundamentals/Instructions/Walkthroughs/08-Create%20a%20Web%20App.html">https://microsoftlearning.github.io/AZ-900T0x-MicrosoftAzureFundamentals/Instructions/Walkthroughs/08-Create%20a%20Web%20App.html</a>
6	Azure Policy	<a href="https://docs.microsoft.com/en-us/azure/governance/policy/tutorials/create-and-manage">https://docs.microsoft.com/en-us/azure/governance/policy/tutorials/create-and-manage</a>
7	Increase CPU load	<a href="https://winaero.com/blog/how-to-create-100-cpu-load-in-windows-10/">https://winaero.com/blog/how-to-create-100-cpu-load-in-windows-10/</a>
8	Azure alert	<a href="https://docs.microsoft.com/en-us/azure/azure-monitor/platform/alerts-log">https://docs.microsoft.com/en-us/azure/azure-monitor/platform/alerts-log</a>
9	Azure IAM	<a href="https://microsoftlearning.github.io/AZ-900T0x-MicrosoftAzureFundamentals/Instructions/Walkthroughs/15-Manage%20access%20with%20RBAC.html">https://microsoftlearning.github.io/AZ-900T0x-MicrosoftAzureFundamentals/Instructions/Walkthroughs/15-Manage%20access%20with%20RBAC.html</a>
10	Implimet NSG	<a href="https://microsoftlearning.github.io/AZ-900T0x-MicrosoftAzureFundamentals/Instructions/Walkthroughs/12-Secure%20network%20traffic.html">https://microsoftlearning.github.io/AZ-900T0x-MicrosoftAzureFundamentals/Instructions/Walkthroughs/12-Secure%20network%20traffic.html</a>