



NUTAN COLLEGE OF ENGINEERING & RESEARCH (NCER)

Department of Computer Science & Engineering (CSE)

Experiment No. 10

Title: Implementing and Using Sample Cloud Services with Microsoft Azure

Objective:

To implement and utilize sample cloud services provided by Microsoft Azure, exploring functionalities and capabilities within the Azure cloud platform.

Tools used:

- Microsoft Azure Portal

Prerequisite:

- An active Microsoft Azure account with necessary permissions and access
- Basic understanding of cloud computing concepts





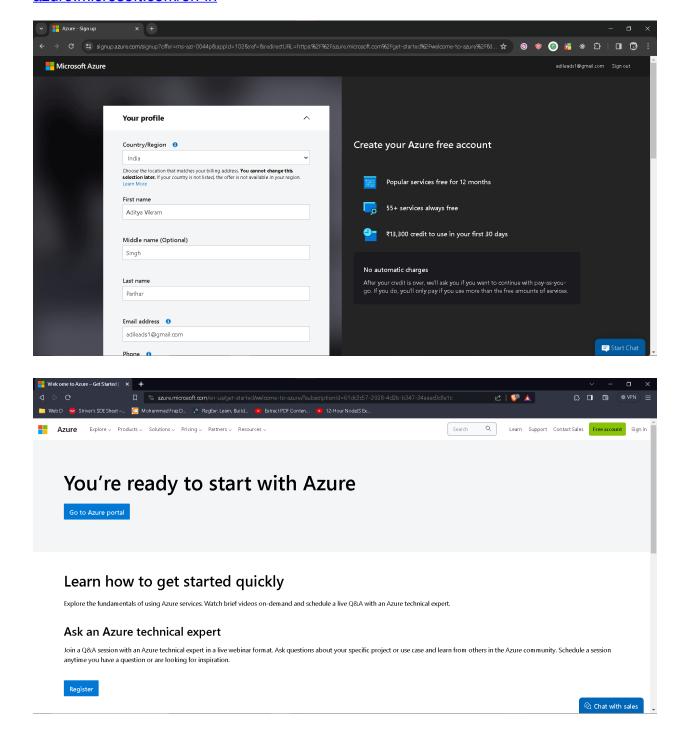
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Steps:

Step 1. Access Azure Portal

- Log in to the Azure Portal using your Azure account credentials https://azure.microsoft.com/en-in









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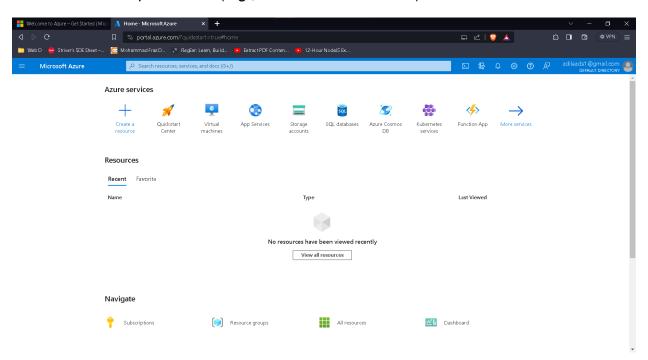
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Step 2. Explore Azure Services

- Navigate through the Azure Portal to discover various services offered.
- Identify sample cloud services such as Azure Virtual Machines, Azure Storage, Azure App Services, etc.

Step 3. Create and Deploy Sample Service

- Choose a sample service (e.g., Azure Virtual Machine).



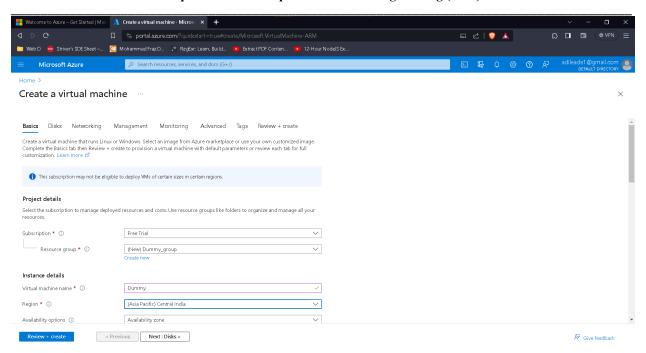
- Follow the Azure interface to create and deploy the selected service.





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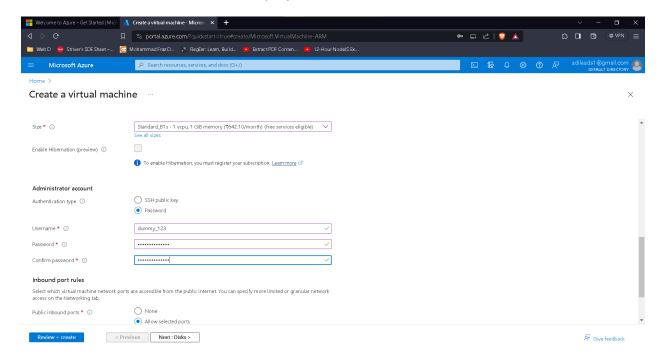
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- Configure settings as required during the creation process.

Step 4. Utilize the Service

- Access and interact with the deployed service to understand its functionalities.



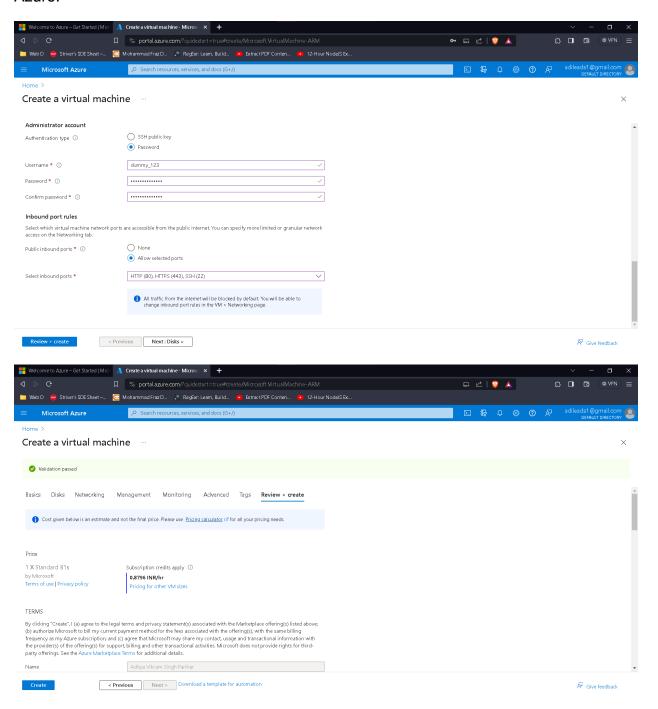




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- Experiment with features like scalability, management, and monitoring provided by Azure.



Step 5. Explore Integration

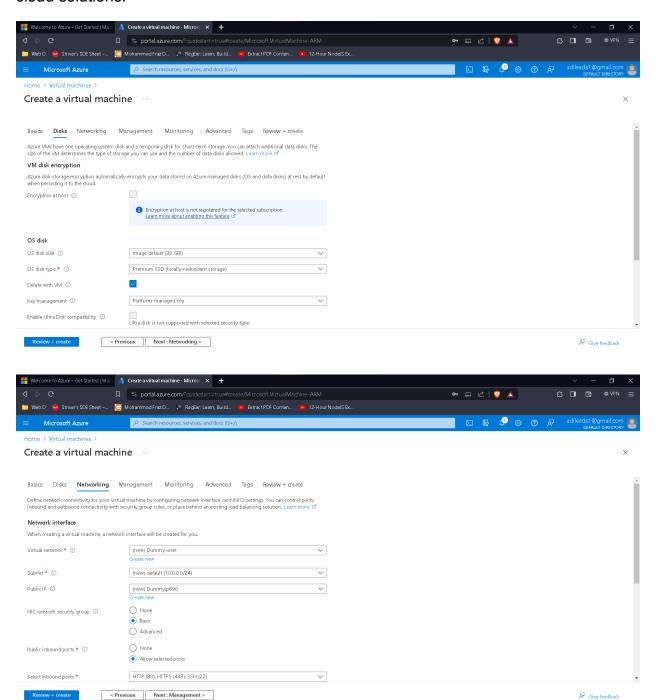




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- Investigate how different Azure services can be integrated to create comprehensive cloud solutions.

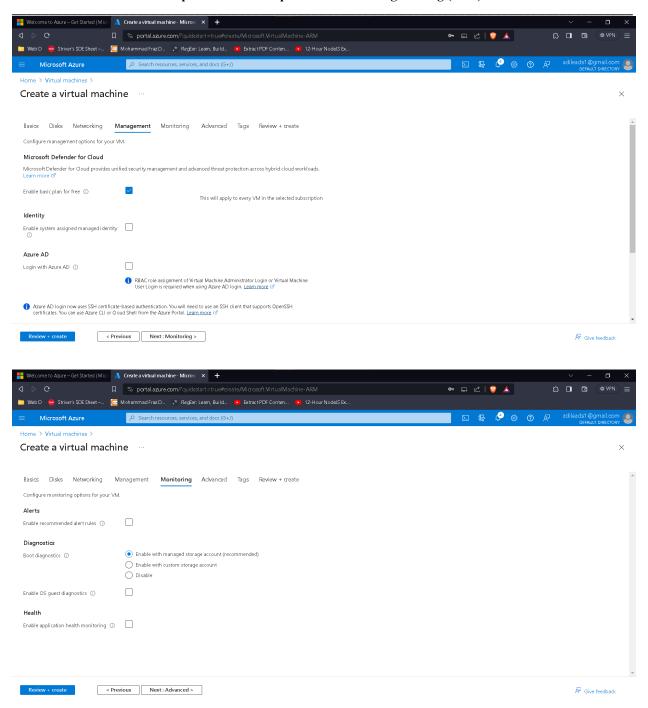






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- Understand how Azure resources can interact with each other within the Azure environment.





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Step 6. Experiment and Learn

- Experimented with other sample services available in Azure to gain familiarity with the diverse capabilities of the platform.

Conclusion:

Successfully implemented and utilized sample cloud services within Microsoft Azure, gaining insights into the functionalities and capabilities offered by the Azure cloud platform.