Title: Creating a Windows Virtual Machine in the Azure Portal

Introduction: This guide provides a step-by-step process to create a Windows Virtual Machine (VM) using the Azure Portal, as outlined in the Coursera lecture.

Steps to Create a Windows VM

1. **Access Azure Portal:** Log in to your Azure account and navigate to the Azure Portal.
2. **Create a Resource:** Click on "Create a resource" and select "Windows Server" from the list of available resources.
3. **Configure Basic Settings:**
   a. **Subscription:** Choose your subscription plan.
   b. **Resource Group:** Select an existing resource group or create a new one.
   c. **VM Name:** Enter a unique name for your VM.
   d. **Region:** Choose the region where you want to deploy the VM.
   e. **Image:** Select the Windows Server version you need.
   f. **Size:** Choose the appropriate VM size based on your requirements.
4. **Administrator Account:**
   a. **Username:** Create a username for the VM administrator.
   b. **Password:** Set a strong password for the administrator account.
5. **Inbound Port Rules:** Allow necessary ports such as RDP (3389) for remote access.
6. **Disks:** Configure the disk settings as per your storage needs.
7. **Networking:** Set up the network interface, virtual network, and subnet.
8. **Management:** Configure monitoring, backup, and other management options.
9. **Review and Create:** Review all configurations and click "Create" to deploy the VM.

Conclusion

Once the deployment is complete, you can access your Windows VM through the Azure Portal. Ensure to follow best practices for security and management of your virtual machine.