

IT4090 Cloud Computing 4th Year, 1st Semester

Azure Lab 1

Practical Session

Submitted to
Sri Lanka Institute of Information Technology

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Table of Contents

1.	Create virtual machine	4
2.	Connect to virtual machine	9
3.	Install web server	10
4.	Clean up resources	12

Figure Table

Figure 1. 1: Select subscription and create virtual machine name	4
Figure 1. 2: Select necessary instance details	4
Figure 1. 3: Choose proper image and size according to region	5
Figure 1. 4: Select SSH public key and create a username	5
Figure 1. 5: SSH public key source with key pair name	6
Figure 1. 6: Choose Allow selected ports and then select SSH (22) and HTTP (80)	6
Figure 1. 7: My virtual machine details	7
Figure 1. 8: Generate new key pair and download .pem file	7
Figure 1. 9: Go to resource	8
Figure 1. 10: My virtual machine overview	8
Figure 2. 1: Create SSH connection	9
Figure 2. 2: Replace the IP address with the path to the .pem	9
Figure 3. 1: Install the NGINX web server	10
Figure 3. 2: View the web server in action	10
Figure 3. 3: Type exit to leave the SSH session	11
Figure 4. 1: Type the name of the resource group and select Delete to finish deleting th	le
resources	12
Figure 4. 2: Deleted resources	12

1. Create virtual machine

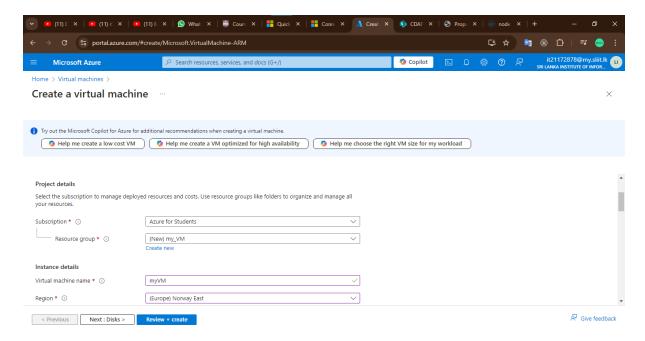


Figure 1. 1: Select subscription and create virtual machine name

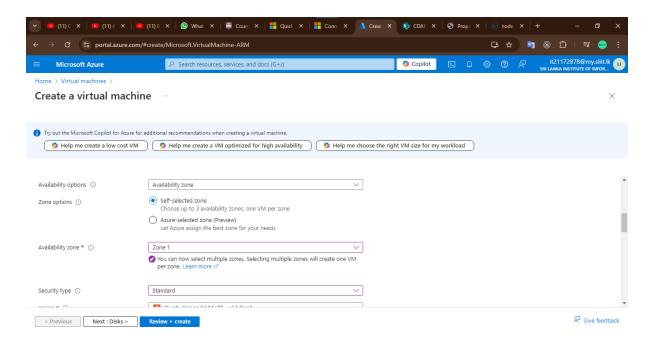


Figure 1. 2: Select necessary instance details

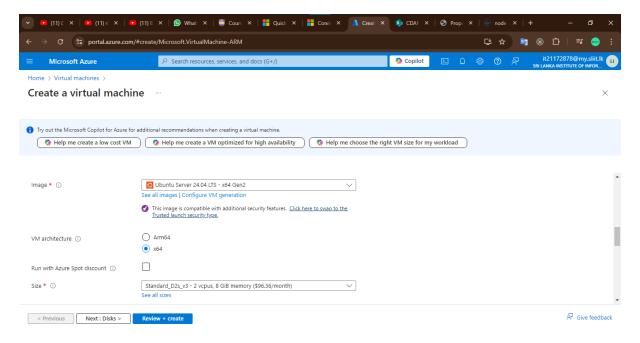


Figure 1. 3: Choose proper image and size according to region

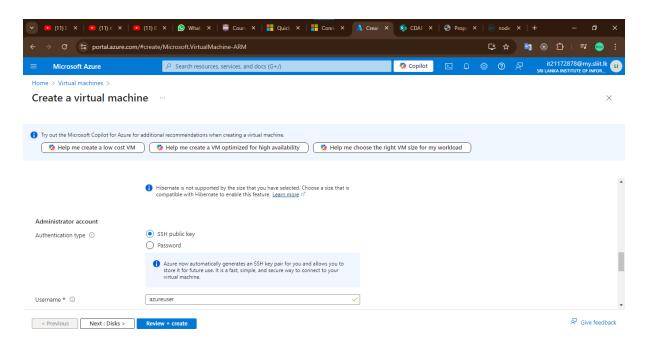


Figure 1. 4: Select SSH public key and create a username

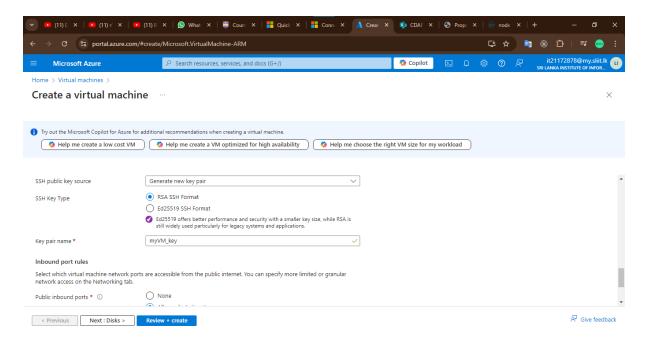


Figure 1. 5: SSH public key source with key pair name

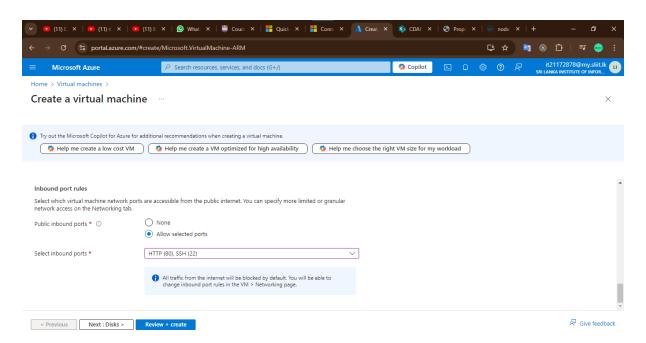


Figure 1. 6: Choose Allow selected ports and then select SSH (22) and HTTP (80)

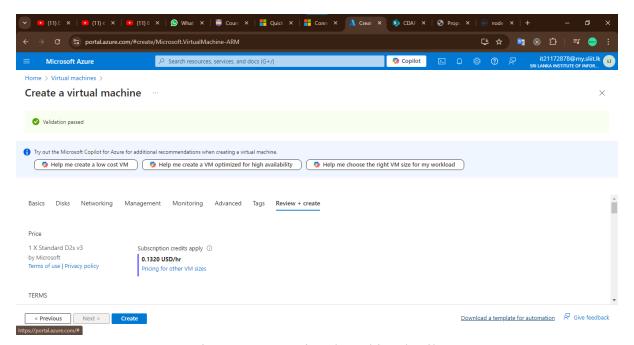


Figure 1. 7: My virtual machine details

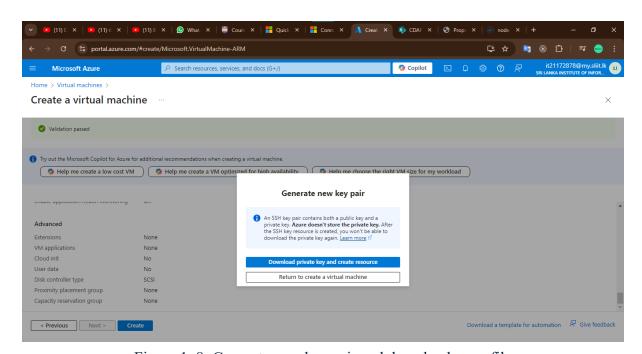


Figure 1. 8: Generate new key pair and download .pem file

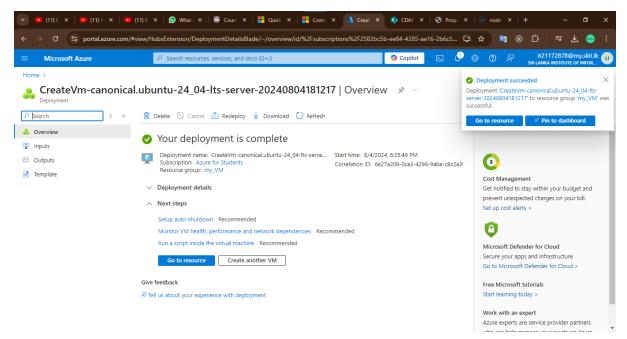


Figure 1. 9: Go to resource

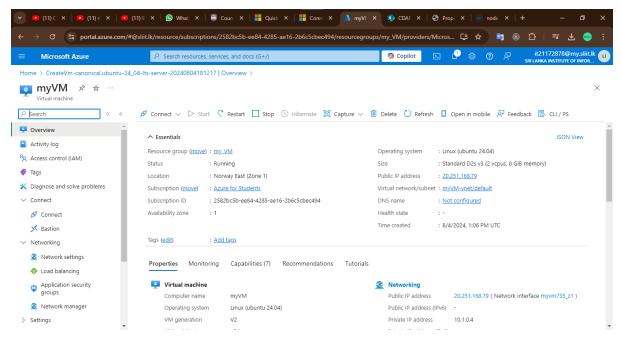


Figure 1. 10: My virtual machine overview

2. Connect to virtual machine

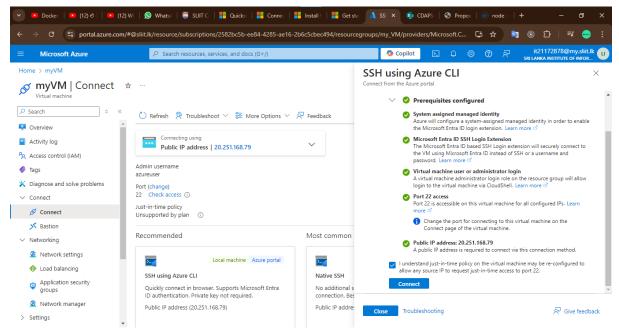


Figure 2. 1: Create SSH connection

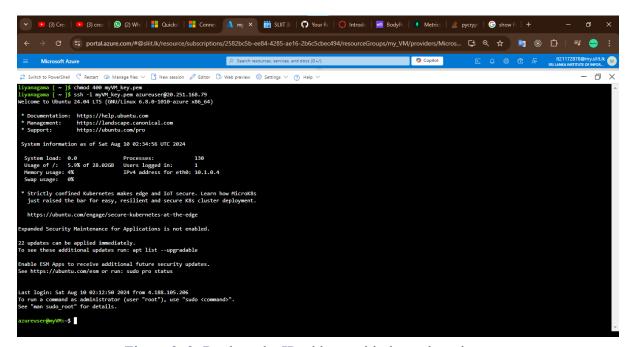


Figure 2. 2: Replace the IP address with the path to the .pem

3. Install web server

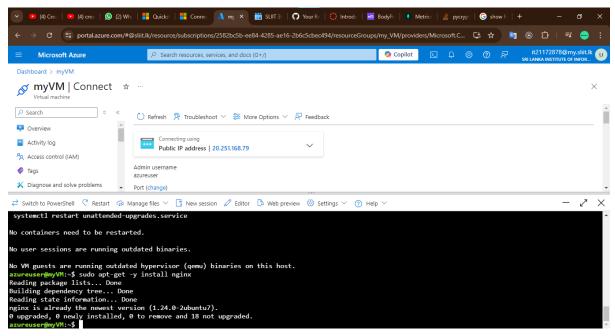


Figure 3. 1: Install the NGINX web server

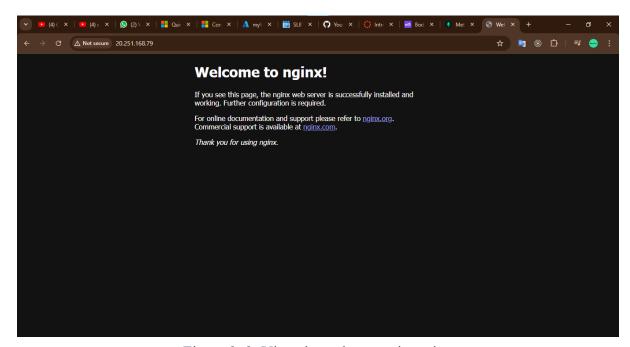


Figure 3. 2: View the web server in action

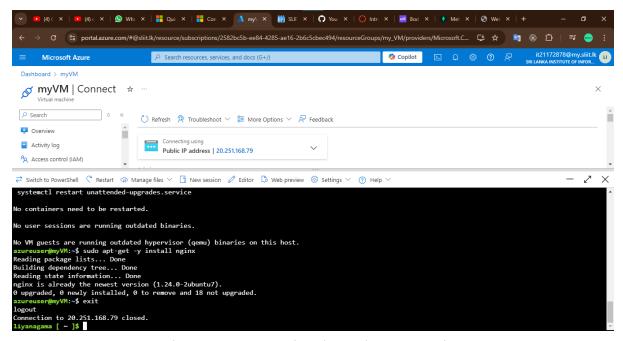


Figure 3. 3: Type exit to leave the SSH session

4. Clean up resources

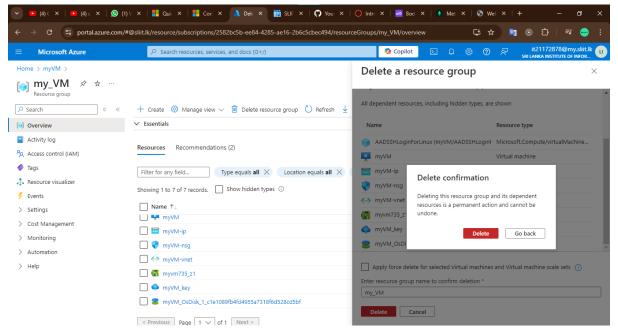


Figure 4. 1: Type the name of the resource group and select Delete to finish deleting the resources

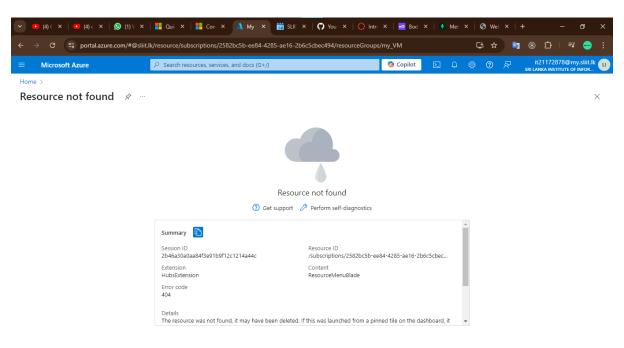


Figure 4. 2: Deleted resources