Project Day, one Creating a VM

Start Creating a VM by either searching for it on the search bar.

Graphical user interface

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Lick on the *CREATE* button.

Graphical user interface, text, application, email

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Select the *Azure Virtual Machine*  since we want to create to our very own specifications.

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So once we are prompted to the following screen we want to ensure that we have our

Resource group 🡪***GreenTeam***

VM Name 🡪 ***ELKProjectServer***

Region 🡪 ***East US*** (we want it specifically in a different region than our other servers)

Availability Options 🡪 **No infrastructure redundancy required** (we don’t want to have redundancy as this server will be collecting log files)

Image 🡪***Ubuntu server 18.04 LTS- Gen2***

Size 🡪 ***Standard\_b2s-2vcpus, 4GiB Memory***

So, we filtered and found a 4GiB @ $30.37

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Authentication Type 🡪 *SSH Public Key*

1st we must SSH into the JUMPBOX which is [***GreenAdmin@138.91.154.203***](mailto:GreenAdmin@138.91.154.203)

🡪***Sudo docker container list -a***

🡪***Sudo docker start lauging\_moore***

🡪***Sudo docker attach laughing\_moore***

Once we have Started and are attached to the container, we can now use the SSH Key, we ***Cat*** to display our key that is in the .***ssh/id\_rsa.pub***

**🡪**.***ssh/id\_rsa.pub***

***-*** We copy and paste this key into the SSH Public Key box

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The Final Product should look

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Select the OS Disk Type 🡪 ***Standard SSD***

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Virtual Network 🡪 ***ELKProjectVNet***

Subnet🡪 ***select default***

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Get to the ***Review and create*** we want to double check the information and ensure that validation passed is at the top before we ***create***. Graphical user interface, text, application, email

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Finally it will process the deploymentGraphical user interface, application, Teams

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Then it will confirm the Deployment

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We can check to see if it matches our resource group and check its public IP address and other information

A screenshot of a computer

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We’ve created our VM but now want to test our connection so we must 1st determine what out Private IP so that we can remotely tap into this via ssh. We know that out IP: ***10.0.0.4*** and Username: ***GreenAdmin***.

Graphical user interface, text, application, email

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Using the Git Bash CLI, we will make our attempt to ssh into our newly created server and continue to do so from our jump box. If done correctly after our attempt it should prompt us with ***GreenAdmin@ELKProjectServer***  if so we have successfully tapped into our newly created VM.

Text

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