IS 4990

Kurt Jensen, 4/10/2023

Lab #8

**Objectives:**

Deploy a VM in Azure using an ARM Template

**Procedure:**

Select the following image to sign in to Azure and open a template. The template creates a key vault and a secret.

Deploy to Azure

Select or enter the following values. Use the default values, when available.

Subscription: select an Azure subscription.

Resource group: select an existing resource group from the drop-down, or select Create new, enter a unique name for the resource group, and then click OK.

Location: select a location. For example, Central US.

Admin username: provide a username, such as azureuser.

Authentication type: You can choose between using an SSH key or a password.

Admin Password Or Key depending on what you choose for authentication type:

If you choose password, the password must be at least 12 characters long and meet the defined complexity requirements.

If you choose sshPublicKey, paste in the contents of your public key.

DNS label prefix: enter a unique identifier to use as part of the DNS label.

Ubuntu OS version: select which version of Ubuntu you want to run on the VM.

Location: the default is the same location as the resource group, if it already exists.

VM size: select the size to use for the VM.

Virtual Network Name: name to be used for the vNet.

Subnet Name: name for the subnet the VM should use.

Network Security Group Name: name for the NSG.

Select Review + create. After validation completes, select Create to create and deploy the VM.

The Azure portal is used to deploy the template. In addition to the Azure portal, you can also use the Azure CLI, Azure PowerShell, and REST API. To learn other deployment methods, see Deploy templates.

**Complications:**

I didn’t run into any complications for this lab.

**Conclusion:**

I deployed a VM using an ARM template.

I got my ARM template from the quick start.

**Screenshots:**

There are no screenshots.