

Objective: Set up an account on Microsoft Azure and create a virtual Linux or Windows web server.

Procedures

Use Azure Dev Tools for Teaching to create a student account for Azure. Once you get to the Dashboard on Azure you can choose to create either a Window VM or a Linus VM. There are tutorials available from the Dashboard that will describe the process of creating a web server on either platform. Once you get your web server running, create a custom default page for your website. Make sure you can access your web server from the browser. **Show the instructor.**

You should also check out the tutorials and tools for managing VMs. By the way, you may want to shutdown your VMs when you aren't using them in order to save your free processing time.

Questions

1. What are some advantages and disadvantages of using cloud-based architecture?
2. What type of things does a business need to consider before moving IT functions to the cloud?
3. Give some examples of some built-in configurations and services provided by Azure.

Additional thoughts

In your lab report make sure outline the steps you went through to create your VM and install the web server. You should provide enough information that someone else could repeat what you did using the same resources you used. **Be sure to describe any problems or issues that you had and explain how you solved the problem.** Be sure to include a **conclusion/reflection section** in your report that describes what you learned and the challenges you ran into.