

Azure Management Concepts, Skill Labs

Course Specifications

Course Number: ACI76-024SL_rev1.0

Lab Length: Approximately 3 hours

Management Tools (PLAB-AZ2)

Introduction

Objective

Welcome to the Management Tools practice lab. In this lab, you will be provided with the instructions and devices needed to develop your hands-on skills.

Azure provides many management tools. Which tools you or your organization uses will likely depend on what you are trying to achieve. Command-line-based tools, such as Azure PowerShell, can be harder to learn but provide powerful options for repetitive tasks.

In this exercise, we will explore two management tools, the dashboard and Azure Cloud Shell.

Overview

Learning Outcomes

In this module, you will complete the following exercises:

- Exercise 1 – Azure Dashboards
- Exercise 2 – Work with Cloud Shell

After completing this lab, you will be able to:

- Explore the Azure Cloud Shell.
- Create a virtual machine (VM) in Azure Cloud Shell using PowerShell.
- Confirm successful creation of a VM via Secure Shell (SSH) connection in Bash.

After completing this module, you should have further knowledge of:

- Uploading dashboard files
- Downloading dashboard files
- Editing dashboard
- Customizing a dashboard

Monitoring Tools (PLAB-AZ2)

Introduction

Objective

Welcome to the Monitoring Tools practice lab. In this lab, you will be provided with the instructions and devices needed to develop your hands-on skills.

Azure Monitor is a service that can help you monitor your applications and services' performance and availability. It collects, analyzes, and acts on data generated from your cloud and on-premises environments.

As soon as you create a resource, Azure monitor becomes active. For many Azure resources, data collected by Azure monitor appears in the resource's Overview page in the Azure portal. You can also visit the Azure monitor to access a more comprehensive set of features and work with the collected data.

Overview

Learning Outcomes

In this module, you will complete the following exercises:

- Exercise 1 – Using Azure Monitor
- Exercise 2 – Using the Azure Health Service

After completing this module, you should be able to:

- Understand and explore Azure Monitor.
- Understand and navigate the Azure Service Health.

The Azure Marketplace (PLAB-AZ2)

Introduction

Objective

Welcome to the The Azure Marketplace practice lab. In this module, you will be provided with the instructions and devices needed to develop your hands-on skills.

All of the solutions in the Marketplace are optimized and certified to run in Azure. There are numerous solutions available through the Marketplace; some are free, others require some type of payment. The solutions range from simple web apps to AI + Machine Learning. At the time of writing, the Marketplace included over 8,000 listings.

Overview

Learning Outcomes

In this module, you will complete the following exercises:

- Exercise 1 – Using the Azure Marketplace

After completing this module, you should be able to:

- Understand and navigate the Azure Marketplace
- Use the Azure marketplace to deploy a third-party service.