

LIKE A BOSS

AZ 900 TEST PREP

AZURE COST MANAGEMENT



Use these notes to help review testable material for the AZ-900 certification exam.

Know the tools used to manage Azure, and how to track and plan for Azure costs.

Azure Portal is a website that lets you manage all of your Azure resources - if you can deploy or manage it in Azure, you can do it through the Azure Portal website.

Azure Command-Line Interface (Azure CLI) is a set of commands used to create and manage Azure resources. You can use this tool in Windows, macOS, and Linux environments. and it can also be run in Docker containers or in the Azure Cloud Shell.

Azure PowerShell is a set of cmdlets for managing Azure resources directly from the PowerShell command line. Azure PowerShell provides powerful features for automation. Azure PowerShell works with 6.x and higher on all platforms (current version is version 7).

Azure Cloud Shell is an interactive, authenticated, *browser-accessible shell* for managing Azure resources. It provides the flexibility of choosing the shell experience that best suits the way you work: either Bash or PowerShell.

All Azure resources live within a **subscription, which is a unit of billing** within an Azure tenant (account).

Management Groups are a unit of subscription management. You can leverage management groups to take bulk actions across multiple subscriptions. For example, Management Groups can be used to group subs by department, region, or anything else that suits the organization needs.

Use **Azure Cost Management** to set budgets, schedule reports, and analyze costs areas This is a free Azure tool that provides a dashboard for easy visualization of Azure costs.

Azure Pricing Calculator allows you to run scenarios that estimate monthly costs for selected cloud resources.

The Azure **Total Cost of Ownership (TCO) Calculator** generates a report that *compares the costs of your on-premises infrastructure with the costs of using Azure products* in the cloud.