

Azure Concepts



Subscription

Active Directory

Virtual Machines

Virtual Networks

Storage

Your Neighborhood

Subscription

Azure Region

Tenant



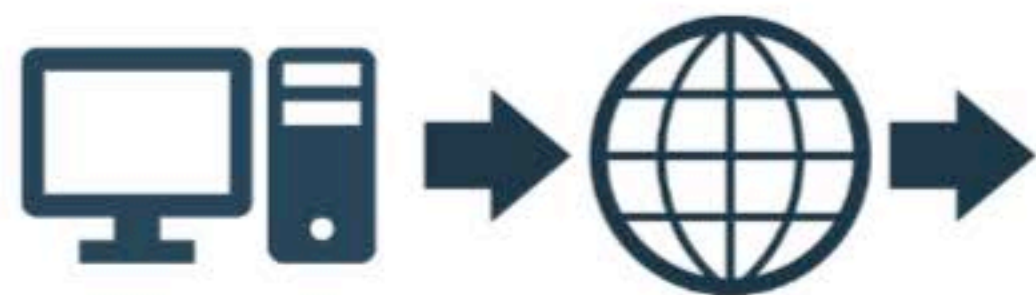
Azure
Active Directory



Resource Group



Resource Group



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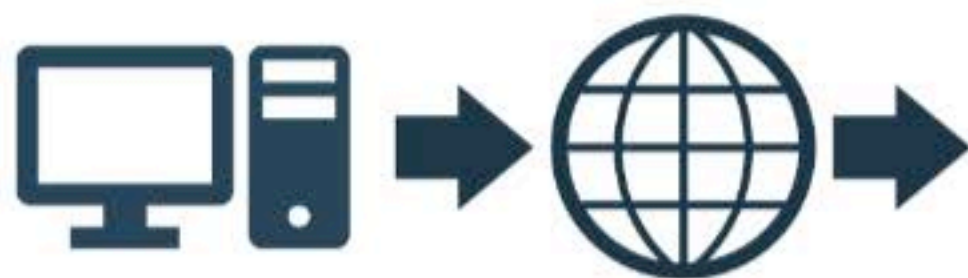
Tenant



Azure
Active Directory



- Azure Active Directory is like an org chart, phonebook, and access list all rolled into one service.
- By including an Active Directory as a central feature to Azure, Microsoft allows businesses to focus on core product development.
- Developers can offload the tedious task of managing users, and the privacy concerns around their data.
- It also allows you to have a single source of truth for all of your businesses applications.



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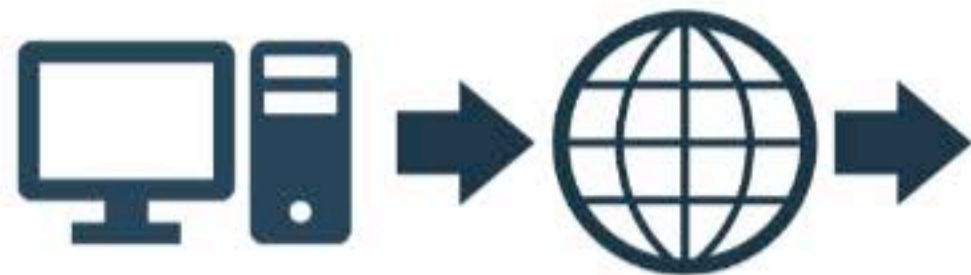
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- Virtual Machines are simulations of physical computers.
- All Azure VMs are servers, Linux or Windows.
- They include network cards, disks, processors/RAM (VM), and an operating system (OS).
- These are your workhorse resources in Azure.
- Virtual Machines are the highest cost center of most Azure Deployments.

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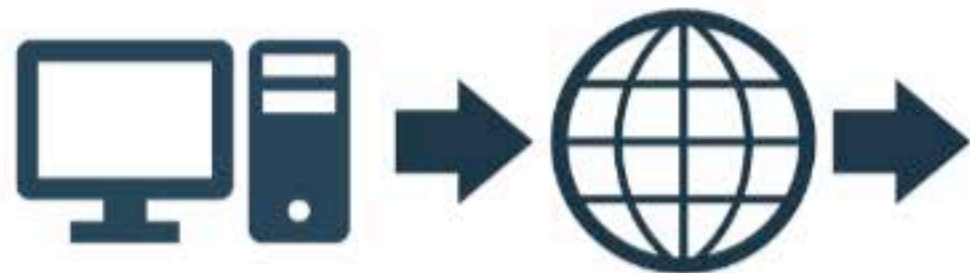
VNet 1

VNet 2

Subnet 1

Subnet 2

- Virtual Networks in Azure very closely mimic the setup, configuration, and architecture of networks in on-premise locations.
- Each subscription and region can have many virtual networks.
- Those networks can be combined and structured in many different ways to achieve a comprehensive and complex network design.



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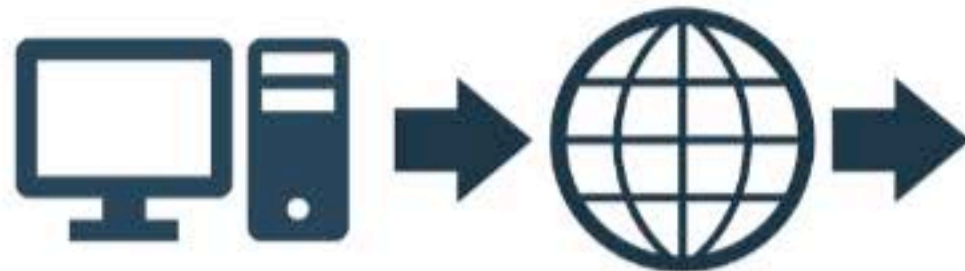
Subscription

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- Gives you a secure and highly-available method to access almost all documents and data generated within your Azure cloud
- Organized into "Accounts"
- Further organized into types of storage:
 - Blobs
 - Tables
 - Queues
 - Files
- Also includes SQL databases and Data Lakes



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