



**Microsoft Certification**

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**Windows 2016 Server**

**Cloud**



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## 70-740 - Installation, Storage, and Compute with Windows Server 2016

**1: Install and configure servers**

- \* Install Servers
- \* Configure Servers
- \* Configure Local Storage

**2: Configure server roles and features**

- \* Configure file and share access
- \* Configure print and document
- \* Configure servers for remote management

**3: Configure Hyper - V**

- \* Create and configure virtual machine settings
- \* Create and configure virtual machine storage
- \* Create and configure virtual networks

**4: Deploy and configure core network services**

- \* Configure IPv4 and IPv6 addressing
- \* Deploy and configure DHCP Service
- \* Deploy and configure DNS Service

**5: Install and administer Active Directory**

- \* Install domain controller
- \* Create and manage Active Directory users and computers
- \* Create and manage Active Directory groups and organizational Units

**6: Create and Manage Group Policy**

- \* Create Group Policy objects (GPOs)
- \* Configure Security policies
- \* Configure application restriction policies
- \* Configure windows Firewall



## 70-741 - Networking with Windows Server 2016

**1: Deploy Manage and Maintain Servers**

- \* Deploy and manage server images
- \* Implement patch management
- \* Monitor servers

**2: Configure File and Frint Services**

- \* Configure Distributed File System (DFS)
- \* Configure File Server Resource Manager (FSRM)
- \* Configure file and disk encryption
- \* Configure advanced audit policies

**3: Configure Network Services and Access**

- \* Configure DNS Zones
- \* Configure DNS records
- \* Configure VPN Routing
- \* Configure Direct Access

**4: Configure a Network Policy Server Infrastructure**

- \* Configure Network Policy Server (NPS)
- \* Configure NPS policies
- \* Configure Network Access Protection (NAP)

**5: Configure and manage Active Directory**

- \* Configure service authentication
- \* Configure Domain Controllers
- \* Maintain Active Directory
- \* Configure account policies

**6: Configure and manage Group policy**

- \* Configure Group Policy processing
- \* Configure Group Policy settings
- \* Managing Group Policy Objects (GPOs)
- \* Configure Group Policy preferences

## 70-742 - Identity with Windows Server 2016

**1: Configure and Manage High Availability**

- \* Configure Network Load Balance (NLB)
- \* Configure failover clustering
- \* Manage failover clustering roles
- \* Manage virtual machine (VM) movement

**2: Configure File and Storage Solutions**

- \* Configure advanced file services
- \* Implement Dynamic Access Control (DAC)
- \* Configure and optimize storage

**3: Implement Business Continuity and Disaster Recovery**

- \* Configure and manage backups
- \* Recover servers
- \* Configure site-level fault tolerance

**4: Configure Network Services**

- \* Implement an advanced DHCP Solution
- \* Implement an advanced DNS solution
- \* Deploy and manage IPAM

**5: Configure the Active Directory Infrastructure**

- \* Configure a forest or a domain
- \* Configure trusts
- \* Configure trusts
- \* Manage Active Directory and Sysvol Replication

**6: Configure Identity and Access Solutions**

- \* Implement Active Directory Federation Services (AD FS)
- \* Install and configure Active Directory Certification Service (AD CS)
- \* Manage Certificates
- \* Install and configure Active Directory Rights Management Services (AD RMS)



## 70-743 - Upgrading Your Skills Windows Server 2016

**1: Plan and Deploy a Server Infrastructure**

- \* Design and plan an automated server installation strategy
- \* Implement a server deployment infrastructure
- \* Plan and implement server upgrade and migration
- \* Plan and deploy Virtual Machine Manager Services
- \* Plan and implement file and storage services

**2: Design and Implement Network Infrastructure Services**

- \* Design and maintain a DHCP solution
- \* Design a name resolution strategy
- \* Design and manage an IP address management solution

**3: Design and Implement Network Access Services**

- \* Design a VPN solution
- \* Design a Direct Access Solution
- \* Design a Web Application Proxy Solution
- \* Implement a scalable remote access solution
- \* Design and implement network protection solution

**4: Design and Implement an Active Directory Infrastructure**

- \* Design a forest and Domain infrastructure
- \* Implement a forest and domain infrastructure
- \* Design a Group Policy strategy
- \* Design an Active Directory permission model

**5: Design and Implement an Active Directory Infrastructure**

- \* Design an Active Directory Sites Topology
- \* Design a domain controller strategy
- \* Design and implement a branch office infrastructure



## 70-744 - Securing Windows 206 Server

**1: Manage and Maintain a Server Infrastructure**

- \* Design an administrative model
- \* Design a monitoring strategy
- \* Plan and implement automated remediation

**2: Plan and Implement a Highly Available Enterprise Infrastructure**

- \* Plan and implement failover clustering
- \* Plan and implement highly available network services
- \* Plan and implement highly available storage solution
- \* Plan and implement highly available roles
- \* Plan and implement a business continuity and disaster recovery solution

**3: Plan and Implement a Server Virtualization Infrastructure**

- \* Plan and Implement Virtualization Hosts
- \* Plan and Implement Virtual Machines
- \* Plan and Implement Virtualization Networking
- \* Plan and Implement Virtualization Storage
- \* Plan and Implement Virtual Machine movement
- \* Manage and Maintain Server Virtualization Infrastructure

**4: Design and Implement Identity and Access Solution**

- \* Design a Certificate services infrastructure
- \* Implement and manage a Certificate Services infrastructure
- \* Implement and Manage certificates
- \* Design and implement a federated identity solution
- \* Design and implement Active Directory Rights Management Services



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