# Skills measured from AZ-100: Microsoft Azure Infrastructure and Deployment

# Manage Azure subscription and resources (5-10%)

Analyze resource utilization and consumption

Configure diagnostic settings on resources	http://bit.ly/2NoiuHA
Create baseline for resources	http://bit.ly/2NtxyUp
Create and rest alerts	http://bit.ly/2LgQDMe
Analyze alerts across subscription	http://bit.ly/2004aWG
Analyze metrics across subscription	http://bit.ly/2mnXKUQ
Create action groups	http://bit.ly/2JuB1Qh
Monitor for unused resources	http://bit.ly/2JsldgR
Monitor spend	http://bit.ly/2LtfTvD
Report on spend	http://bit.ly/2LgOuju
Utilize Log Search query functions	http://bit.ly/2KZvEy5
View alerts in Log Analytics	http://bit.ly/2JB7Gnm

#### Implement and manage storage (5-10%)

#### Configure Azure files

Create Azure file share	http://bit.ly/2NiU9mk
Create Azure File Sync service	http://bit.ly/2us1DMO
Create Azure sync group	http://bit.ly/2KZZD93
Troubleshoot Azure File Sync	http://bit.ly/2NowSj1

Configure and manage virtual networks (15-20%)

#### Create connectivity between virtual networks

Create and configure VNET peering	http://bit.ly/2NqMu5P
Create and configure VNET to VNET	http://bit.ly/2uwAd8J
Verify virtual network connectivity	http://bit.ly/2muFbP7
Create virtual network gateway	http://bit.ly/2LpVkzQ

# Configure name resolution

Configure Azure DNS	http://bit.ly/2zOXLuK
Configure custom DNS settings	http://bit.ly/2uu45Cz
Configure DNS zones	http://bit.ly/2uvP4Af

# Manage Identities (15-20%)

# Manage Azure Active Directory (AD)

Add custom domains	http://bit.ly/2LjoCn3
Configure Azure AD Identity Protection	http://bit.ly/2LnOcYk
Azure AD Join	http://bit.ly/2uHGuOl
Enterprise State Roaming	http://bit.ly/2zPcAxg
Configure self-service password reset	http://bit.ly/2NYOAei
Implement conditional access policies	http://bit.ly/2Jvj8kj
Manage multiple directories	http://bit.ly/2LqR5UW
Perform an access review	http://bit.ly/2zTTW7E

Implement and manage hybrid identities

Install and configure Azure AD Connect	http://bit.ly/2Jwvqce
Configure federation and single sign-on	http://bit.ly/2zNeiPM
Manage Azure AD Connect	http://bit.ly/2LqmoiE
Manage password sync and writeback	http://bit.ly/2zOrKCT

# **Skills measured from AZ-101: Microsoft Azure Integration and Security**

# **Evaluate and perform server migration to Azure (15-20%)**

# Evaluate migration scenarios by using Azure Migrate

Discover and assess environment	http://bit.ly/2uxtlm3
Identify workloads that can and cannot be deployed	http://bit.ly/2uyhFot
Identify ports to open	http://bit.ly/2uzuvTu
Identify changes to network	
Identify if target environment is supported	http://bit.ly/2uyj5iV
Setup domain accounts and credentials	

#### Migrate servers to Azure

Migrate by using Azure Site Recovery (ASR)	http://bit.ly/2uvZYGl
migrate using P2V	http://bit.ly/2uxziVv
configure storage	http://bit.ly/2uD0v9B
create a backup vault	http://bit.ly/2uvGBNw
prepare source and target environments	http://bit.ly/2usAR7h
backup and restore data	http://bit.ly/2uvhBGc

deploy Azure Site Recovery (ASR) agent	http://bit.ly/2uxxxYr
prepare virtual network	http://bit.ly/2uw25Kh

# Implement and manage application services (5-10%)

#### Configure serverless computing

Create and manage objects	http://bit.ly/2NrsPTc
manage a Logic App resource	http://bit.ly/2NuMkdD
manage Azure Function app settings	http://bit.ly/2NqIF0e
manage Event Grid	http://bit.ly/2Nruw2U
manage Service Bus	http://bit.ly/2NvMaTp

# Implement advanced virtual networking (5-10%)

# Monitor and manage networking

Monitor on-premises connectivity	http://bit.ly/2NunDxQ
use network resource monitoring and Network Watcher	http://bit.ly/2NtG8CB
manage external networking and virtual network connectivity	http://bit.ly/2NoLoqU

#### Secure identities (5-10%)

# Implement Multi-Factor Authentication (MFA)

Enable MFA for an Azure tenant	http://bit.ly/2Ntkuy9
configure user accounts for MFA	http://bit.ly/2NuNdCZ
configure fraud alerts	http://bit.ly/2NtrQSl

configure bypass options	http://bit.ly/2NqKlqy
configure trusted IPs	http://bit.ly/2NqLcYi
configure verification methods	http://bit.ly/2NuohLS
manage role-based access control (RBAC)	http://bit.ly/2Nwo4rB
implement RBAC policies	
assign RBAC Roles	http://bit.ly/2NoMTFy
create a custom role	http://bit.ly/2NthKkw
configure access to Azure resources by assigning roles	http://bit.ly/2Nwo4rB
configure management access to Azure	http://bit.ly/2LK7Evi