EDUSUM

70-533

MCSA Cloud Platform

A Success Guide to Prepare-
Implementing Microsoft Azure Infrastructure Solutions

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Table of Contents

Introduction to 70-533 Exam on Implementing Microsoft Azure Infrastructure Solutions

Use this quick start guide to collect all the information about Implementing Microsoft Azure Infrastructure Solutions (70-533) Certification exam. This study guide provides a list of objectives and resources that will help you prepare for items on the 70-533 Implementing Microsoft Azure Infrastructure Solutions exam. The Sample Questions will help you identify the type and difficulty level of the questions and the Practice Exams will make you familiar with the format and environment of an exam. You should refer this guide carefully before attempting your actual Microsoft MCSA Cloud Platform certification exam.

The Implementing Microsoft Azure Infrastructure Solutions certification is mainly targeted to those candidates who want to build their career in Microsoft Azure domain. The Microsoft Certified Solutions Associate (MCSA) - Cloud Platform exam verifies that the candidate possesses the fundamental knowledge and proven skills in the area of Microsoft MCSA Cloud Platform.

Microsoft 70-533 Certification Details:

Exam Name	Microsoft Certified Solutions Associate (MCSA) - Cloud Platform
Exam Code	70-533
Exam Price	$165 (USD)
Duration	120 min
Number of Questions	45-55
Passing Score	700 / 1000
Books / Training	20533C
Schedule Exam	Pearson VUE
Sample Questions	Implementing Microsoft Azure Infrastructure Solutions Sample Questions
Practice Exam	**Microsoft 70-533 Certification Practice Exam**

Microsoft 70-533 Exam Syllabus:

Topic	Details	Weights
Design and implement Azure App Service apps	Deploy Web Apps - Define deployment slots; roll back deployments; implement pre- and post-deployment actions; create, configure and deploy packages; create App Service plans; migrate Web Apps between App Service plans; create a Web App within an App Service plan Configure Web Apps - Define and use app settings, connection strings, handlers and virtual directories; configure certificates and custom domains; configure SSL bindings and runtime configurations; manage Web Apps by using Azure PowerShell and Xplat-CLI Configure diagnostics, monitoring and analytics - Retrieve diagnostics data; view streaming logs; configure endpoint monitoring, configure alerts; configure diagnostics; use remote debugging; monitor Web App resources Configure Web Apps for scale and resilience - Configure auto-scale using built-in and custom schedules, configure by metric, change the size of an instance, configure Traffic Manager	15-20%
Create and manage Azure Resource Manager Virtual Machines	Deploy workloads on Azure Resource Manager (ARM) virtual machines (VMs) - Identify workloads that can and cannot be deployed, run workloads including Microsoft and Linux, create VMs, connect to a Windows/Linux VM Perform configuration management - Automate configuration management by using PowerShell Desired State Configuration (DSC) and VM Agent (custom script extensions), configure VMs using a configuration management tool such as Puppet or Chef, enable remote debugging Design and implement VM storage - Configure disk caching, plan storage capacity, configure operating system disk redundancy, configure shared storage using Azure File service, configure geo-replication, encrypt disks, implement ARM VMs with Standard and Premium Storage	20-25%

Topic	Details	Weights
	Monitor ARM VMs - Configure ARM VM monitoring, configure alerts, configure diagnostic and monitoring storage location Monitor ARM VM availability - Configure multiple ARM VMs in an availability set for redundancy, configure each application tier into separate availability sets, combine the Load Balancer with availability sets Scale ARM VMs - Scale up and scale down VM sizes, deploy ARM VM Scale Sets (VMSS), configure ARM VMSS auto-scale	
Design and implement a storage strategy	Implement Azure storage blobs and Azure files - Read data, change data, set metadata on a container, store data using block and page blobs, stream data using blobs, access blobs securely, implement async blob copy, configure a Content Delivery Network (CDN), design blob hierarchies, configure custom domains, scale blob storage Manage access - Create and manage shared access signatures, use stored access policies, regenerate keys Configure diagnostics, monitoring and analytics - Set retention policies and logging levels, analyse logs Implement Azure SQL Databases - Choose the appropriate database tier and performance level; configure point-in-time recovery, geo-replication and data sync; import and export data and schema; design a scaling strategy Implement recovery services - Create a backup vault, deploy a backup agent, back up and restore data	20-25%
Implement an Azure Active Directory	Integrate an Azure Active Directory (Azure AD) with existing directories - Implement Azure AD Connect and single sign-on with on-premises Windows Server 2012 R2, add custom domains, monitor Azure AD Configure Application Access - Configure single sign-on with SaaS applications using federation and password-based, add users and	15-20%

Topic	Details	Weights
	groups to applications, revoke access to SaaS applications, configure access, configure federation with Facebook and Google ID Integrate an app with Azure AD - Implement Azure AD integration in web and desktop applications, leverage Graph API Implement Azure AD B2C and Azure B2B - Create an Azure AD B2C Directory, register an application, implement social identity provider authentication, enable multi-factor authentication, set up self-service password reset, implement B2B collaboration, configure partner users, integrate with applications	
Implement virtual networks	Configure virtual networks - Deploy a VM into a virtual network; configure external and internal load balancing; implement Application Gateway; design subnets; configure static, public, and private IP addresses; set up Network Security Groups (NSGs), DNS at the virtual network level, HTTP and TCP health probes, public IPs, User Defined Routes (UDRs), firewall rules and direct server return Modify network configuration - Modify subnets, NSGs, and UDRs Design and implement a multi-site or hybrid network - Choose the appropriate solution between ExpressRoute, site-to-site and point-to-site; choose the appropriate gateway; identify supported devices and software VPN solutions; identify networking prerequisites; configure virtual networks and multi-site virtual networks	10-15%
Design and deploy ARM templates	Implement ARM templates - Author ARM templates; create ARM templates to deploy ARM Resource Providers resources; deploy templates with PowerShell, CLI and REST API Control access - Leverage service principles with ARM authentication, use Azure Active Directory Authentication with ARM, set management policies, lock resources	10-15%

Topic	Details	Weights
	Design role-based access control (RBAC) - Secure resource scopes, such as the ability to create VMs and Azure Web Apps; implement Azure role-based access control (RBAC) standard roles; design Azure RBAC custom roles	

70-533 Sample Questions:

01. Which cmdlet can be used to temporarily share a blob in Azure Storage?
a) Set-AzureStorageBlobContent
b) Get-AzureStorageBlob
c) New-AzureStorageBlobSASToken
d) New-AzureStorageKey

02. How do you identify all of the available virtual machine extensions using Windows PowerShell?
a) Get-AzureVMExtension
b) Get-AzureServiceExtension
c) Get-AzureVMAvailableExtension
d) Get-AzureVM

03. Which Azure PowerShell cmdlet should you use to download the diagnostic logs from an Azure website to your local computer?
a) Get-AzureWebsiteLog
b) Enable-AzureWebsiteApplicationDiagnostic
c) Save-AzureWebsiteLog
d) Get-AzureWebsiteMetric

04. What is the maximum size of an Azure operating system disk?
a) 2 TB
b) 127 GB
c) 1 TB
d) 30 GB

05. To regenerate a key on an Azure Storage account what steps, if any, should be taken with virtual machines using the storage account?
a) Nothing, regenerating an Azure Storage account key does not require additional steps for virtual machines.
b) Re-sync the key for the Azure Virtual Machine in the management portal.
c) Redeploy the virtual machine after the key has been regenerated if the virtual machine was not shut down before regeneration.
d) Shut the virtual machine down before regenerating the key.

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06. Which Azure PowerShell cmdlet can be used to enable Remote Desktop on an Azure virtual machine?
a) Set-AzureServiceRemoteDesktopExtension
b) Set-AzureVMAccessExtension
c) Set-AzureServiceADDomainExtension
d) Add-AzureEndpoint

07. Which Windows PowerShell cmdlet is used to specify the static IP address of an Azure virtual machine?
a) New-AzureVM
b) Add-AzureProvisioningConfig
c) Set-AzureStaticVNetIP
d) Set-AzureSubnet

08. How many virtual machines can be in the same availability set?
a) Unlimited
b) 25
c) 50
d) 1

09. Which CIDR notation would you use to permit access to an endpoint ACL for the following IP address: 134.170.188.221?
a) 134.170.188.221/24
b) 134.170.188.221/8
c) 134.170.188.221/32
d) 134.170.188.221/16

10. When configuring endpoint monitoring, how many external website locations can you configure to perform web tests for an endpoint?
a) Zero to three
b) Two or more
c) One to three
d) One to two

Answers to 70-533 Exam Questions:

Question: 01	Question: 02	Question: 03	Question: 04	Question: 05
Answer: d	Answer: c	Answer: c	Answer: b	Answer: c, d
Question: 06	Question: 07	Question: 08	Question: 09	Question: 10
Answer: b	Answer: c	Answer: c	Answer: c	Answer: c

Note: If you find any typo or data entry error in these sample questions, we request you to update us by commenting on this page or write an email on feedback@edusum.com

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