

## Azure Admin Course Content

S.No	Azure - Module	Day	Content	Explanation Need	Lab
	Introducton		Introuduction about Microsoft Azure Cloud		
		Day - 1	Azure Free Trail	Yes	Yes
1	Course AZ-100T02-A: Implementing and Managing Storage		Module 1: Managing Azure Subscriptions		
		Day - 1	Overview of Azure Subscriptions	Yes	
		Day - 1	Billing	Yes	
		Day - 1	Azure Policy	Yes	
			Module 2: Azure Resource Manager		
		Day - 1	ARM templates	Yes	Yes
		Day - 1	Resource Groups	Yes	Yes
			Module 3: Azure Tips, Tricks, and Tools		
		Day - 1	Azure Portal	Yes	Yes
		Day - 1	Azure Tools and Environment	Yes	Yes
			Module 4: Overview of Azure Storage		
		Day - 3	Azure storage accounts	Yes	Yes
		Day - 3	Data replication	Yes	Yes
		Day - 3	Azure Storage Explorer	Yes	Yes
			Module 5: Storage Services		
		Day - 3	Virtual machine storage	Yes	Yes
		Day - 3	Blob storage	Yes	Yes
		Day - 3	Azure files	Yes	Yes
		Day - 3	Structured storage		
			Module 6: Securing and Managing Storage		
		Day - 3	Shared access keys	Yes	Yes
		Day - 3	Azure backup	Yes	Yes
		Day - 3	Azure File Sync	Yes	Yes
			Module 7: Storing and Accessing Data		
		Day - 3	Azure Content Delivery Network	Yes	
		Day - 3	Import and Export service	Yes	
		Day - 3	Data Box	Yes	
			Module 8: Monitoring Storage		
		Day - 3	Metrics and Alerts	Yes	Yes
		Day - 3	Activity Log	Yes	Yes
2	Course AZ-100T03-A: Deploying and Managing Virtual Machines		Module 1: Overview of Azure Machines		

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		Day - 2	Azure Virtual Machines Overview	Yes	Yes
		Day - 2	Planning Considerations	Yes	Yes
			<b>Module 2: Creating Virtual Machines</b>		
		Day - 2	Overview of the Virtual Machine Creation Overview	Yes	Yes
		Day - 2	Creating Virtual Machines in the Azure Portal	Yes	Yes
		Day - 2	Creating Virtual Machines (PowerShell)	Yes	Yes
		Day - 2	Creating Virtual Machines using ARM Templates	Yes	Yes
			<b>Module 3: Deploying Virtual Machine Images</b>		
		Day - 2	Deploying Custom Images	Yes	Yes
		Day - 2	Deploying Linux Virtual Machines	Yes	Yes
			<b>Module 4: Configuring Virtual Machines</b>		
		Day - 2	Overview of Virtual Machine Configuration	Yes	Yes
		Day - 2	Virtual Machine Networking	Yes	Yes
		Day - 2	Virtual Machine Storage	Yes	Yes
			<b>Module 5: Configuring Availability and Extensibility</b>		
		Day - 2	Virtual Machine Availability	Yes	Yes
		Day - 2	Virtual Machine Scalability	Yes	Yes
		Day - 2	Applying Virtual Machine Extensions	Yes	Yes
			<b>Module 6: Managing and Monitoring Virtual Machines</b>		
		Day - 2	Backup and Restore	Yes	Yes
		Day - 2	Monitoring Virtual Machines	Yes	Yes
3	<b>Course AZ-100T04-A: Configure and Manage Virtual Networks</b>		<b>Module 1: Azure Virtual Networks</b>		
		Day - 4	Introducing Virtual Networks	Yes	Yes
		Day - 4	Creating Azure Virtual Networks	Yes	Yes
		Day - 4	Review of IP Addressing	Yes	Yes
		Day - 4	Network Routing	Yes	Yes
			<b>Module 2: Azure DNS</b>		
		Day - 4	Azure DNS Basics	Yes	
		Day - 4	Implementing Azure DNS	Yes	
			<b>Module 3: Securing Virtual Network Resources</b>		
		Day - 4	Introduction to Network Security Groups	Yes	Yes
		Day - 4	Implementing Network Security Groups and Service Endpoints	Yes	Yes
			<b>Module 4: Connecting Virtual Networks</b>		
		Day - 4	Intersite Connectivity (VNet-to-VNet Connections)	Yes	Yes
		Day - 4	Virtual Network Peering	Yes	Yes

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4	Course AZ-100T05-A: Manage Identities		<b>Module 1: Managing Azure Active Directory</b>		
		Day - 7	Azure Active Directory Overview	Yes	Yes
		Day - 7	Self-Service Password Reset	Yes	Yes
		Day - 7	Azure AD Identity Protection	Yes	Yes
		Day - 7	Integrating SaaS Applications with Azure AD	Yes	Yes
			<b>Module 2: Managing Azure Active Directory Objects</b>		
		Day - 7	Azure Domains and Tenants	Yes	Yes
		Day - 7	Azure Users and Groups	Yes	Yes
		Day - 7	Azure Roles	Yes	Yes
		Day - 7	Managing Devices	Yes	Yes
			<b>Module 3: Implementing and Managing Hybrid Identities</b>		
		Day - 7	Azure Active Directory Integration Options	Yes	
		Day - 7	Azure AD Application Proxy	Yes	
5	Course AZ-100T01-A: Managing Subscriptions and Resources		<b>Module 1: Access Management for Cloud Resources</b>		
		Day - 8	Azure Users and Groups	Yes	Yes
		Day - 8	Role-based Access Control(RBAC)	Yes	Yes
			<b>Module 2: Monitoring and Diagnostics</b>		
		Day - 8	Exploring Monitoring Capabilities in Azure	Yes	Yes
		Day - 8	Azure Alerts	Yes	Yes
		Day - 8	Azure Activity Log	Yes	Yes
			<b>Module 3: Log Analytics</b>		
		Day - 8	Introduction to Log Analytics	Yes	Yes
		Day - 8	Querying and Analyzing Log Analytics Data	Yes	Yes
6	Course AZ-101T01-A: Migrate Servers to Azure		<b>Module 1: Azure Migrate</b>		
		Day - 5	Overview of Cloud Migration	Yes	Yes
		Day - 5	Azure Migrate: The Process	Yes	Yes
			<b>Module 2: Azure Site Recovery</b>		
		Day - 5	Overview of ASR	Yes	Yes
		Day - 5	Preparing the Infrastructure	Yes	Yes
		Day - 5	Completing the Migration Process	Yes	Yes
			<b>Module 3: Disaster Recovery</b>		
		Day - 5	Backup and Restore	Yes	Yes
		Day - 5	Azure to Azure Disaster Recovery	Yes	Yes
	<b>Module 4: Migrating Data</b>				
Day - 5	Database Migration	Yes	Yes		

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		Day - 5	Import and Export Service	Yes	Yes
7	<b>Course AZ-101T02-A: Implement and Manage Application Services</b>		<b>Module 1: Introducing the Azure App Service Platform</b>		
		Day - 6	Introducing Azure App Service	Yes	Yes
		Day - 6	App Service Environments	Yes	Yes
			<b>Module 2: Managing and Securing Web Apps</b>		
		Day - 6	Deploying Web Apps	Yes	Yes
		Day - 6	Managing Web Apps	Yes	Yes
		Day - 6	App Service Security	Yes	Yes
			<b>Module 3: Scaling and Performance</b>		
		Day - 6	Scale Up and Scale Out	Yes	Yes
		Day - 6	Autoscale and Grow out	Yes	Yes
		Day - 6	Optimizing Bandwidth and Web Traffic	Yes	Yes
			<b>Module 4: Deploying Serverless Computing Solutions</b>		
		Day - 6	Serverless Computing Concepts	Yes	
		Day - 6	Managing Azure Functions	Yes	
		Day - 6	Managing Event Grid	Yes	
		Day - 6	Managing Service Bus	Yes	
		Day - 6	Managing Logic App	Yes	
8	<b>Course AZ-101T03-A: Implement Advanced Virtual Networking</b>		<b>Module 1: Distributing Network Traffic</b>		
		Day - 5	Overview of Network Traffic Distribution Options	Yes	
		Day - 5	Azure Load Balancer	Yes	
		Day - 5	Azure Traffic Manager	Yes	
		Day - 5	Azure Application Gateway	Yes	
			<b>Module 2: Site Connectivity</b>		
		Day - 4	Site-to-Site VPN Connections	Yes	
		Day - 4	ExpressRoute	Yes	
			<b>Module 3: Monitoring and Troubleshooting Network Connectivity</b>		
		Day - 4	Introducing Network Watcher	Yes	Yes
		Day - 4	Implementing Network Watcher	Yes	Yes
		Day - 4	Network Troubleshooting Examples	Yes	Yes
9	<b>Course AZ-101T04-A: Secure Identities</b>		<b>Module 1: Introduction to Identity Protection in Azure</b>		
		Day - 9	Role-Based Access Control	Yes	Yes
		Day - 9	Azure Active Directory (Refresher)	Yes	Yes
		Day - 9	Protecting Privileged Access in the Environment	Yes	Yes

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			<b>Module 2: Using Multi-Factor Authentication for Secure Access</b>		
		Day - 9	Introducing Multi-Factor Authentication	Yes	Yes
		Day - 9	Implementing MFA	Yes	Yes
			<b>Module 3: Azure AD Privileged Identity Management</b>		
		Day - 9	Getting Started with PIM	Yes	Yes
		Day - 9	PIM Security Wizard	Yes	Yes
		Day - 9	PIM for Directory Roles	Yes	Yes
		Day - 9	PIM for Role Resources	Yes	Yes