



LEARNING PLAN

Advanced Cloud Computing

IT professionals are increasingly faced with complex cloud environments in which data and systems are spread throughout the cloud, and often across various service providers. Master the skills and knowledge to effectively leverage the platforms most commonly used, including hybrid solutions and deployments that bridge on-premises and cloud platforms.

Areas of focus

- Working with hybrid cloud environments
- Planning to be cloud platform agnostic
- Getting deep in to cloud deployment and management

Curriculum

VIDEOS FROM COURSE

AWS: Certified Solutions Architect - Associate 7 hours

<input type="checkbox"/>	Understanding AWS Certification and How to Get the Most from this Course	7 min
<input type="checkbox"/>	AWS Design: Why use AWS and Global Best Practices	29 min
<input type="checkbox"/>	AWS Elasticity: Principles of Elasticity	19 min
<input type="checkbox"/>	AWS Elasticity: Understanding and Using Bootstrapping	31 min
<input type="checkbox"/>	AWS Elasticity: Understanding and Implementing CloudFormation	34 min
<input type="checkbox"/>	AWS Elasticity: Components of Auto Scaling	34 min
<input type="checkbox"/>	AWS Storage: Elastic Block Store (EBS)	30 min
<input type="checkbox"/>	AWS Storage: S3 and CloudFront	31 min
<input type="checkbox"/>	AWS Security: Understanding Shared Security	17 min
<input type="checkbox"/>	AWS Security: Using the Virtual Private Cloud (VPC)	47 min
<input type="checkbox"/>	AWS Security: Working with IAM	28 min
<input type="checkbox"/>	AWS Security: IAM Best Practices	15 min
<input type="checkbox"/>	AWS Database: Database Tips	11 min
<input type="checkbox"/>	AWS Cost: Optimizing AWS Expenses	27 min
<input type="checkbox"/>	AWS Availability: Designing High Availability in AWS	24 min
<input type="checkbox"/>	AWS Migration: Creating a Cloud Migration Strategy	19 min

VIDEOS FROM COURSE

Google Compute Engine: Qualified Developer (Videos 21-26) 1.5 hours

<input type="checkbox"/>	Monitoring	14 min
<input type="checkbox"/>	Automation	9 min
<input type="checkbox"/>	Programmatic GCE	16 min
<input type="checkbox"/>	Demo: Programmatic GCE	20 min
<input type="checkbox"/>	Upcoming GCE Features	14 min
<input type="checkbox"/>	Google Cloud Platform Qualified Developer	9 min

Prerequisite Plans

ASSOCIATE LEVEL

[Information Security Concepts & Practices](#)
[Cloud Concepts & Platforms](#)



Current Plan

EXPERT LEVEL

[Advanced Cloud Computing](#)

VIDEOS FROM COURSE

Microsoft Azure 70-533 10 hours

<input type="checkbox"/>	Exam 70-533: Implementing Azure Infrastructure Solutions	14 min
<input type="checkbox"/>	Introduction to Azure Websites	21 min
<input type="checkbox"/>	Azure Websites: Building and Deploying	26 min
<input type="checkbox"/>	Azure Websites: Deploying and Scheduling WebJobs	15 min
<input type="checkbox"/>	Azure Websites: Site Settings	17 min
<input type="checkbox"/>	Azure Websites: Custom Domain Features	12 min
<input type="checkbox"/>	Azure Websites: Logging and Monitoring	14 min
<input type="checkbox"/>	Azure Websites: Monitoring, Rules, and Analytics	10 min
<input type="checkbox"/>	Azure Websites: Auto Scaling	12 min
<input type="checkbox"/>	Azure Websites: Resource Groups and Hosting Plans	11 min
<input type="checkbox"/>	Introduction to Azure Virtual Machines	10 min
<input type="checkbox"/>	Azure Virtual Machines: Deploying VMs	20 min
<input type="checkbox"/>	Azure Virtual Machines: Uploading Disks	10 min
<input type="checkbox"/>	Azure Virtual Machines: Custom Images	10 min
<input type="checkbox"/>	Azure Virtual Machines: Configuration Management	15 min
<input type="checkbox"/>	Azure Virtual Machines: VM Networking	27 min
<input type="checkbox"/>	Azure Virtual Machines: Availability and Scaling	13 min
<input type="checkbox"/>	Azure Virtual Machines: Storage Planning	13 min
<input type="checkbox"/>	Azure Virtual Machines: Metrics and Alerts	9 min
<input type="checkbox"/>	Introduction To Azure Cloud Services	14 min
<input type="checkbox"/>	Azure Cloud Services: Deploying Packages	15 min
<input type="checkbox"/>	Azure Cloud Services: Basic Configuration	15 min
<input type="checkbox"/>	Azure Cloud Services: Network Configuration	12 min
<input type="checkbox"/>	Azure Cloud Services: IIS Configuration	11 min
<input type="checkbox"/>	Azure Cloud Services: Storage Caching	12 min
<input type="checkbox"/>	Azure Cloud Services: Scaling	9 min
<input type="checkbox"/>	Azure Cloud Services: Monitoring and Diagnostics	9 min
<input type="checkbox"/>	Introduction to Azure Storage	11 min
<input type="checkbox"/>	Azure Storage: Containers and Blobs	13 min
<input type="checkbox"/>	Azure Storage: Uploading Data to Storage	13 min
<input type="checkbox"/>	Azure Storage: CDNs and Custom Domains	11 min
<input type="checkbox"/>	Azure Storage: Access Management	15 min
<input type="checkbox"/>	Azure Storage: Diagnostics and Monitoring	8 min
<input type="checkbox"/>	Azure Storage: SQL Databases	16 min
<input type="checkbox"/>	Azure Storage: SQL Database Availability	18 min
<input type="checkbox"/>	Introduction to Azure Active Directory	10 min
<input type="checkbox"/>	Azure Active Directory: Directory Sync	16 min
<input type="checkbox"/>	Azure Active Directory: Office 365 Sync	8 min

VIDEOS FROM COURSE

Microsoft Azure 70-533 (cont.)

<input type="checkbox"/>	Azure Active Directory: Monitoring	8 min
<input type="checkbox"/>	Azure Active Directory: SaaS Single Sign-On	12 min
<input type="checkbox"/>	Azure Active Directory: Integrate with Custom Apps	17 min
<input type="checkbox"/>	Introduction to Azure Virtual Networks	10 min
<input type="checkbox"/>	Azure Virtual Networks: Configuration and Deployment	14 min
<input type="checkbox"/>	Azure Virtual Networks: Addressing and Load Balancing	15 min
<input type="checkbox"/>	Azure Virtual Networks: Multi-Site Networking	15 min

VIDEOS FROM COURSE

Microsoft Azure 70-534 4 hours

<input type="checkbox"/>	Azure GFS Datacenters	12 min
<input type="checkbox"/>	Azure Virtual Networks	19 min
<input type="checkbox"/>	Designing Azure Compute	19 min
<input type="checkbox"/>	Azure VPN and ExpressRoute	7 min
<input type="checkbox"/>	Azure Load Balancing Services	9 min
<input type="checkbox"/>	Azure Active Directory	12 min
<input type="checkbox"/>	Hybrid Identities	12 min
<input type="checkbox"/>	Azure Data Security	10 min
<input type="checkbox"/>	Role-Based Access Control	11 min
<input type="checkbox"/>	Designing Data Storage	14 min
<input type="checkbox"/>	Azure Mobile Services	12 min
<input type="checkbox"/>	Push Notifications	7 min
<input type="checkbox"/>	Web APIs	10 min
<input type="checkbox"/>	Hybrid Applications	8 min
<input type="checkbox"/>	Azure Media Services	7 min
<input type="checkbox"/>	Compute-Intensive Applications	10 min
<input type="checkbox"/>	Long Running Applications	13 min
<input type="checkbox"/>	Selecting Storage	15 min
<input type="checkbox"/>	Architecting Azure Web Apps	8 min
<input type="checkbox"/>	Deploying Azure Web Apps	11 min
<input type="checkbox"/>	Business Continuity with Azure Web Apps	10 min
<input type="checkbox"/>	SCCM Deployment with Azure	10 min
<input type="checkbox"/>	Design a Monitoring Strategy	9 min
<input type="checkbox"/>	Business Continuity/Disaster Recovery	10 min
<input type="checkbox"/>	Azure Automation	10 min
<input type="checkbox"/>	Azure Classic vs. Resource Manager	10 min