



LEARNING PLAN

Cloud Concepts & Platforms

As more organizations improve scalability, flexibility, and performance with cloud solutions, the need for IT professionals equipped to support those solutions is soaring. Master the core skills necessary for running IT systems on the cloud, including implications for security, scale, bandwidth, reliability, and performance. Conquer the challenges of migrating to the cloud.

Areas of focus

- Deploying IT to the cloud
- Monitoring, managing and securing the cloud platforms
- Moving a workload to the cloud

Curriculum

VIDEOS FROM COURSE

Cisco CCNA Cloud 210-451 CLDFND 3 hours

<input type="checkbox"/> Cloud Fundamentals Course Introduction	4 min
<input type="checkbox"/> Common Cloud Characteristics	17 min
<input type="checkbox"/> Cloud Service Models	11 min
<input type="checkbox"/> Cloud Deployment Models	7 min
<input type="checkbox"/> The Cisco Intercloud Solution	9 min
<input type="checkbox"/> The UCS C-Series	9 min
<input type="checkbox"/> The UCS B-Series	7 min
<input type="checkbox"/> The UCS Manager and UCS Central	8 min
<input type="checkbox"/> UCS Server Identity	9 min
<input type="checkbox"/> Server Virtualization	12 min
<input type="checkbox"/> The Cisco Nexus Family	15 min
<input type="checkbox"/> Unified Fabric	6 min
<input type="checkbox"/> Virtual Networking	10 min
<input type="checkbox"/> Cisco 1000V	7 min
<input type="checkbox"/> Virtual Networking Service Appliances	7 min
<input type="checkbox"/> SDN Fundamentals	10 min
<input type="checkbox"/> Cisco ACI	12 min
<input type="checkbox"/> Comparing Storage	5 min
<input type="checkbox"/> NAS Storage Concepts	7 min
<input type="checkbox"/> SAN Storage Concepts	6 min
<input type="checkbox"/> Cisco Storage Devices	6 min
<input type="checkbox"/> Converged Architectures	12 min
<input type="checkbox"/> Cloud Automation, Provisioning, and Management	3 min

Prerequisite Plans

FUNDAMENTAL LEVEL

[Working with Developers & DevOps](#)
[Cloud Computing Fundamentals](#)



Current Plan

ASSOCIATE LEVEL

Cloud Concepts & Platforms



Possible Next Plans

EXPERT LEVEL

[Advanced Cloud Computing](#)

VIDEOS FROM COURSE

Microsoft Azure 70-532**9 hours**

<input type="checkbox"/>	Introduction to Azure Websites	21 min
<input type="checkbox"/>	Azure Websites: Deployment Slots	17 min
<input type="checkbox"/>	Azure Websites: Hosting Plans	13 min
<input type="checkbox"/>	Azure Websites: Site Settings	17 min
<input type="checkbox"/>	Azure Websites: Custom Domains and SSL	15 min
<input type="checkbox"/>	Azure Websites: Diagnostics and Debugging	21 min
<input type="checkbox"/>	Azure Websites: Monitoring and Alerts	14 min
<input type="checkbox"/>	Azure Websites: Scaling	12 min
<input type="checkbox"/>	Azure Websites: Traffic Manager	17 min
<input type="checkbox"/>	Azure Websites: Resilience Patterns	11 min
<input type="checkbox"/>	Azure Websites: WebJobs	8 min
<input type="checkbox"/>	Introduction to Azure Virtual Machines	10 min
<input type="checkbox"/>	Azure Virtual Machines: Creating New VMs	10 min
<input type="checkbox"/>	Azure Virtual Machines: VHDs, Disks, and Images	16 min
<input type="checkbox"/>	Azure Virtual Machines: Custom Extensions	11 min
<input type="checkbox"/>	Azure Virtual Machines: Networks and Cloud Services	12 min
<input type="checkbox"/>	Azure Virtual Machines: Endpoints, ACLs, and Load Balancing	19 min
<input type="checkbox"/>	Azure Virtual Machines: Scaling and Availability	13 min
<input type="checkbox"/>	Azure Virtual Machines: Storage Planning	19 min
<input type="checkbox"/>	Azure Virtual Machines: Diagnostic Measurements	10 min
<input type="checkbox"/>	Introduction to Azure Cloud Services	14 min
<input type="checkbox"/>	Azure Cloud Services: Building Cloud Services	14 min
<input type="checkbox"/>	Azure Cloud Services: Scaling Cloud Services	13 min
<input type="checkbox"/>	Azure Cloud Services: Endpoints	15 min
<input type="checkbox"/>	Azure Cloud Services: Network Traffic and ACLs	9 min
<input type="checkbox"/>	Azure Cloud Services: Networking	17 min
<input type="checkbox"/>	Azure Cloud Services: Managing Websites	12 min
<input type="checkbox"/>	Azure Cloud Services: Local Storage	11 min
<input type="checkbox"/>	Azure Cloud Services: Diagnostics and Debugging	12 min
<input type="checkbox"/>	Introduction to Azure Storage	10 min
<input type="checkbox"/>	Azure Storage: Storage Accounts	9 min
<input type="checkbox"/>	Azure Storage: Containers and Blobs	12 min
<input type="checkbox"/>	Azure Storage: Advanced Blob Features	11 min
<input type="checkbox"/>	Azure Storage: Tables	13 min
<input type="checkbox"/>	Azure Storage: Queues	11 min
<input type="checkbox"/>	Azure Storage: Access Control	16 min
<input type="checkbox"/>	Azure Storage: Monitoring	10 min

VIDEOS FROM COURSE

Microsoft Azure 70-532 (cont.)

<input type="checkbox"/>	Azure Storage: SQL Databases	9 min
<input type="checkbox"/>	Azure Integration: Azure Active Directory	19 min
<input type="checkbox"/>	Azure Integration: Virtual Networks	8 min
<input type="checkbox"/>	Azure Integration: Service Bus	16 min

VIDEOS FROM COURSE

AWS: Certified SysOps Administrator - Associate Level**8 hours**

<input type="checkbox"/>	Welcome: Course Overview	16 min
<input type="checkbox"/>	VPC: Building Your Network Foundation	26 min
<input type="checkbox"/>	VPC: The "Nitty Gritty" Configuration	34 min
<input type="checkbox"/>	VPC: Security Groups and NACLs	21 min
<input type="checkbox"/>	VPC: Configuring VPN Connections	37 min
<input type="checkbox"/>	VPC: Designing for High Availability	27 min
<input type="checkbox"/>	EC2: Instance Types and Performance Implications	17 min
<input type="checkbox"/>	EBS: Understanding EBS	11 min
<input type="checkbox"/>	EBS: Snapshot Backup and Replication	11 min
<input type="checkbox"/>	EBS: Getting More Speed and IOPS	11 min
<input type="checkbox"/>	S3: Understanding the Properties of S3	11 min
<input type="checkbox"/>	S3: Securing S3 Buckets	9 min
<input type="checkbox"/>	S3: Website Hosting from S3	8 min
<input type="checkbox"/>	ELB: Elastic Load Balancer Concepts	10 min
<input type="checkbox"/>	ELB: Elastic Load Balancer Implementation	10 min
<input type="checkbox"/>	AutoScaling: Key AWS AutoScaling Concepts	8 min
<input type="checkbox"/>	DNS: Understanding Route 53 Capabilities	32 min
<input type="checkbox"/>	DNS: Route 53 Configuration	38 min
<input type="checkbox"/>	IAM: Understanding IAM Concepts	24 min
<input type="checkbox"/>	IAM: A Walkthrough IAM	21 min
<input type="checkbox"/>	Monitoring: Understanding and Configuring CloudWatch	12 min
<input type="checkbox"/>	Backups: Understanding EBS, S3, and RDS Backup Options	14 min
<input type="checkbox"/>	RDS: Understanding RDS Foundations	12 min
<input type="checkbox"/>	RDS: High Availability and Load Sharing	7 min
<input type="checkbox"/>	SECURE: Handling IT Audits, Security Token Service, and Trusted Advisor	15 min
<input type="checkbox"/>	EXAM: Study Strategies and Exam Mindset	8 min
<input type="checkbox"/>	EXAM: The Living Glossary	18 min