

AWS Ramp-Up Guide: Microsoft on AWS

For architects, IT administrators, developers, and data engineers



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Step 1: Learn different ways to migrate Microsoft workloads to AWS

LEARNING RESOURCE	DURATION	TYPE
Get started with Amazon EC2 Windows instances	30 minutes	Webpage »
Windows Workloads on AWS	1 hour	Video »

Step 2: Learn building the foundation for migrating Microsoft workloads on AWS Cloud

LEARNING RESOURCE	DURATION	TYPE
<i>Introduction to Amazon EC2 Systems Manager</i>	10 minutes	Digital Training »
Getting Started with AWS Tools for Windows PowerShell	30 minutes	Webpage »
Securely Access Windows Instances Using RDP and AWS Systems Manager Session Manager	10 minutes	Video »
Patching Windows Servers using AWS Systems Manager	15 minutes	Video »
Manage Software Licenses with AWS License Manager	10 minutes	Video »
Collect Inventory Data with Systems Manager Inventory	10 minutes	Video »
Microsoft Active Directory on AWS	30 minutes	Video »
Domain Join Amazon EC2 Instances to AWS Managed Microsoft AD	5 minutes	Video »
Active Directory on AWS - Design and Planning Guide	1 hour	Whitepaper »
Microsoft Active Directory on AWS - AWS Online Tech Talks	10 minutes	Video »
<i>Amazon FSx for Windows File Server Primer</i>	1 hour	Digital Training »
<i>Introduction to Amazon FSx for Windows File Server</i>	20 minutes	Digital Training »
Introduction to Amazon EC2	1 hour	Self-Paced Lab »

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Step 3: Learn different ways to migrate Microsoft workloads to AWS

LEARNING RESOURCE	DURATION	TYPE
<i>AWS Server Migration Service (SMS) Primer</i>	1 hour	Digital Training »
Migrating Microsoft Applications to AWS Like an Expert	1 hour	Video »
<i>AWS DataSync Primer</i>	1 hour	Digital Training »
<i>Migrating from Microsoft SQL Server to Amazon RDS</i>	30 minutes	Digital Training »
<i>AWS Server Migration Service (SMS) Primer</i>	1 hour	Digital Training »
Migrate an ASP.NET web application to AWS Elastic Beanstalk	15 minutes	Webpage »
Introduction to AWS Database Migration Service	45 minutes	Video »
Bootstrapping Your Large Production On-Premises SQL Server Databases to Amazon EC2	1 hour	Self-Paced Lab »
How to Migrate Your VMs to AWS Using Server Migration Service	20 minutes	Video »
Migrating servers using CloudEndure	15 minutes	Video »
Introduction to AWS Database Migration Service	1.5 hours	Self-paced Lab »

Step 4: Learn optimizing your Microsoft workloads on AWS Cloud

LEARNING RESOURCE	DURATION	TYPE
AWS re:Invent 2020: Cost-optimize SQL Server on AWS	30 minutes	Video »
Optimizing Amazon Elastic Compute Cloud (Amazon EC2) Windows Instance	10 minutes	Video »
AWS Cost Optimization: Tools and Methods to Reduce Your Spend With AWS	50 minutes	Video »
Designing Scalable and Highly Available Microsoft Applications on AWS	10 minutes	Video »
Bring-Your-Own-License (BYOL) on AWS Made Easier	35 minutes	Video »
Sending Windows Performance Monitor (PerfMon) Data to Amazon CloudWatch	1 hour	Self-Paced Lab »

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Step 5: Learn deep dive on developing using Microsoft technology on AWS Cloud

LEARNING RESOURCE	DURATION	TYPE
Deploy a .NET Sample Application Using AWS Elastic Beanstalk	15 minutes	Webpage »
Deploy an app to EC2	1 hour	Self-Paced Lab »
Create a deployment pipeline between VSTS and AWS Elastic Beanstalk	1 hour	Self-Paced Lab »
<i>Getting Started with .NET on AWS</i>	1.5 hour	Digital Training »
Getting Started with .NET Development on AWS with Visual Studio	1 day	Video Series »
Modernize .NET Applications Using the Latest Features on AWS Development Tools	1 hour	Video »
Build a Modern Application on AWS (C#)	3 hours	Self-Paced Lab »
Working with Amazon S3 from .NET	1 hour	Self-Paced Lab »
Publishing data into an Amazon Kinesis Stream with the AWS SDK for .NET	1 hour	Self-Paced Lab »
Build a Chatbot with Amazon Lex using .NET core	1 hour	Webpage »
Sending Emails with Amazon Simple Email Service (SES) using .NET	1 hour	Self-Paced Lab »
Using AWS Systems Manager Parameter Store for Configuration with .NET	1 hour	Self-Paced Lab »
<i>Migrating from Microsoft SQL Server to Amazon DynamoDB</i>	45 minutes	Digital Training »
Deploy a Kubernetes Application with Amazon Elastic Container Service for Kubernetes	2 hours	Webpage »
Serverless Web Application with React Frontend with .NET	1 hour	Self-Paced Lab »
Building .NET Lambda Functions with Visual Studio and donet CLI	1 hour	Self-Paced Lab »
Introduction to Amazon ElastiCache with Windows Server	45 minutes	Self-Paced Lab »

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Explore additional AWS resources		
LEARNING RESOURCE	DESCRIPTION	
Learning Library	Continue to learn by exploring our extensive portfolio of free digital training and classroom training.	Explore »
AWS Whitepapers & Guides	Explore technical whitepapers, guides, reference material, and architecture diagrams authored by AWS and the AWS community.	Explore »
AWS User Group	Join and connect with AWS users all over the world to share ideas and learn.	Explore »
AWS Events and Webinars	Connect, collaborate, and learn from AWS experts.	Explore »
AWS Podcast	Listen and learn about AWS.	Explore »
AWS Blog	Read about the latest launches from AWS Technical Evangelist Jeff Barr and others.	Explore »
AWS Documentation	Search for AWS service guides, API references, tutorials, projects, SDKs, and toolkits.	Explore »
AWS Knowledge Center	Review AWS Support's responses to AWS customers' most frequently asked questions.	Explore »
AWS FAQs	Find answers to common Product and Technical frequently asked questions.	Explore »
AWS Hands-On Tutorials	Get started with 10-minute, step-by-step tutorials to launch your first application.	Explore »
AWS Solutions Library	Technical reference implementations designed to help you solve common problems and build faster.	Explore »
AWS YouTube Channel	Explore a wide variety of AWS topics by watching videos created by AWS experts across the world.	Explore »

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Explore additional AWS resources: continued

LEARNING RESOURCE	DESCRIPTION	
AWS Architecture Center	Explore reference architecture diagrams, vetted architecture solutions, Well-Architected best practices, patterns, icons, and more.	Explore »
Amazon's Builders' Library	Learn how Amazon builds and operates software.	Explore »
AWS Twitch Channel	Learn how millions of customers are currently leveraging AWS cloud products and solutions to build sophisticated applications with increased flexibility, scalability and reliability.	Explore »
AWS Twitch for Developers	Join the developer education and community with AWS Live Video.	Explore »
AWS Security Documentation	Configure AWS services to meet your security and compliance objectives.	Explore »

For a training plan customized for your requirements, contact your AWS Account Manager or contact us.

Contact us

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