



AWS Ramp-Up Guide: Electronic Health Records (EHR)

For Healthcare professionals looking to develop an understanding of EHR on AWS

The Electronics Health Records (EHR) Ramp-Up Guide is for the Healthcare professional looking to develop an understanding of EHR on AWS and dive-deep on the roles involved in building and maintaining EHR on AWS. In the guide you will find resources on Cloud Essentials to specific content we have curated for the Analytics Systems Administrator, Operational Database Administrator, and Client Systems Administrator roles.

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Learn the Fundamentals of the AWS Cloud

Learning Resource		Duration (hrs)	Type
AWS Cloud Practitioner Essentials ... <i>or</i> ...	Fundamental	6.0	Digital Training
\$ AWS Cloud Practitioner Essentials (Instructor-Led Training)	Fundamental	6.0	Classroom Training

Foundational Learning

Learning Resource		Duration (hrs)	Type
\$ Automating AWS Services with Scripting and the AWS CLI (Amazon)	Intermediate	1.5	Self-paced lab
Amazon CloudWatch Getting Started	Fundamental	1	Digital Training
Introduction to Amazon CloudWatch Logs Insights	Fundamental	1.5	Digital Training

Analytics Systems Administration (ASA)

Learning Resource		Duration (hrs)	Type
Getting Started with AWS Glue	Fundamental	1.0	Digital Training
Amazon EC2 Basics	Fundamental	0.8	Digital Training
Amazon QuickSight Getting Started	Fundamental	1.0	Digital Training
Amazon QuickSight Advanced Business Intelligence Authoring (Part 1)	Intermediate	1.5	Digital Training
Amazon QuickSight Advanced Business Intelligence Authoring (Part 2)	Intermediate	2.5	Digital Training

EHR Operational Database Administration (ODA)

Learning Resource		Duration (hrs)	Type
Amazon Elastic Block Store (Amazon EBS) Primer	Intermediate	0.2	Digital Training
Understanding Amazon Elastic Block Store Volume Encryption	Fundamental	0.2	Digital Training
Deep Dive: Amazon Elastic Block Store (Amazon EBS) Cost Optimization	Advanced	0.5	Digital Training
Simplify Your File-Based Workloads with FSx	Fundamental	1	Video
MSSQL AlwaysON on EC2	Advanced	2.0	Workshop



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Additional Resources

Learning Resource	Type
Get insights from operational metrics at scale with CloudWatch Metrics Insights	Video
Introduction to AWS Observability Workshop	Workshop
Deep-Dive into Amazon Athena	Video
Get insights from operational metrics at scale with CloudWatch Metrics Insights	Video
Backup, disaster recovery, and ransomware protection with AWS	Video
Protect data and lower costs with EBS Snapshots	Video
Introduction to AWS Observability Workshop	Workshop
Advanced Multi-AZ Resilience Patterns	Workshop
Introduction to AWS Elastic Disaster Recovery	Workshop
Implement ransomware protection strategies with AWS Backup	Workshop
Multi-Omics and Multi-Modal Data Integration and Analysis on AWS	Workshop
AWS HealthScribe	Workshop
Provisioning – AWS CloudFormation	Workshop
Active Directory on AWS Immersion Day	Workshop
AWS HealthOmics – End to End	Workshop
HCLS AI/ML Immersion Workshop	Workshop
Monitoring – Amazon CloudWatch Lab	Workshop
EC2 Linux Hands on Lab	Workshop
Virtual Private Cloud Hands on Lab	Workshop
Networking Immersion Day	Workshop
SQL Server on AWS Immersion Day	Workshop
AWS Storage Immersion Day	Workshop
Cost Monitoring and Observability	Workshop
EC2 Windows Hands on Lab	Workshop
AWS for Microsoft Workloads Immersion Day	Workshop
Microsoft on AWS Cost Optimization (MACO)	Workshop



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EHR Client Systems Administration (CSR)

Simplify Your File-Based Workloads with FSx

[Video](#)

MSSQL AlwaysON on EC2

[Workshop](#)