

Systems Operations on AWS

Resource Links

Module 1

AWS Global Infrastructure	https://aws.amazon.com/about-aws/global-infrastructure/
Service Limits	https://docs.aws.amazon.com/general/latest/gr/aws_service_limits.html
Identity and Access Management (IAM)	https://aws.amazon.com/iam/
IAM Policy Evaluation Logic	https://docs.aws.amazon.com/IAM/latest/UserGuide/reference_policies_evaluation-logic.html
AWS Infrastructure	https://infrastructure.aws
AWS Calculator	https://calculator.aws
AWS Service Information	https://docs.aws.amazon.com/general/latest/gr/aws-service-information.html

Module 2

CLI Currently Supported	https://docs.aws.amazon.com/cli/latest/reference/
PowerShell	https://docs.aws.amazon.com/powershell/index.html
CLI User Guide	https://docs.aws.amazon.com/cli/latest/userguide/aws-cli.pdf
Systems Manager	https://aws.amazon.com/systems-manager/features/
Systems Manager - State Manager	https://docs.aws.amazon.com/systems-manager/latest/userguide/systems-manager-state.html#systems-manager-state
Systems Manager - Inventory	https://docs.aws.amazon.com/systems-manager/latest/userguide/systems-manager-inventory.html
AWS Tools for PowerShell	https://aws.amazon.com/documentation/powershell
Software Development Kits	https://aws.amazon.com/getting-started/tools-sdks

Module 3

EC2 Instance Types	https://aws.amazon.com/ec2/instance-types/
AMIs	https://docs.aws.amazon.com/AWSEC2/latest/UserGuide/AMIs.html
AWS Free Tier	https://aws.amazon.com/free

User Data	https://aws.amazon.com/premiumsupport/knowledge-center/execute-user-data-ec2
Launch Templates	http://docs.aws.amazon.com/AWSEC2/latest/UserGuide/ec2-launch-templates.html
Amazon Linux AMI (original) – End of Life	https://aws.amazon.com/blogs/aws/update-on-amazon-linux-ami-end-of-life/
	http://docs.aws.amazon.com/AWSEC2/latest/WindowsGuide/AMIs.html#aws-windows-ami
Spot Instance Advisor	https://aws.amazon.com/ec2/spot/instance-advisor/?nc1=h_ls

Module 4

Load Balancers Comparison	https://aws.amazon.com/elasticloadbalancing/features/
Auto Scaling	https://aws.amazon.com/autoscaling/
How ELBs Work	https://docs.aws.amazon.com/elasticloadbalancing/latest/userguide/how-elastic-load-balancing-works.html
ELB – Least Outstanding Request	https://aws.amazon.com/about-aws/whats-new/2019/11/application-load-balancer-now-supports-least-outstanding-requests-algorithm-for-load-balancing-requests/
Health Checks	http://docs.aws.amazon.com/AWSEC2/latest/UserGuide/monitoring-system-instance-status-check.html
Instance Termination	http://docs.aws.amazon.com/autoscaling/latest/userguide/as-instance-termination.html
Thrashing - CoolDown	http://docs.aws.amazon.com/AutoScaling/latest/DeveloperGuide/CoolDown.html
Scaling Warmup	https://docs.aws.amazon.com/autoscaling/ec2/userguide/as-scaling-simple-step.html#as-step-scaling-warmup
Scaling Lifecycle Hooks	http://docs.aws.amazon.com/AutoScaling/latest/DeveloperGuide/AutoScalingGroupLifecycle.html
Load Testing – Grinder	http://grinder.sourceforge.net/
Load Testing – Jmeter	https://jmeter.apache.org/
Load Testing – Bees with Machine Guns	https://github.com/newsapps/beeswithmachineguns

Module 5

Lambda Latest Limits	https://docs.aws.amazon.com/lambda/latest/dg/gettingstarted-limits.html
Docker Engine	https://docs.docker.com/engine/reference/run/
What are Container	https://aws.amazon.com/what-are-containers
Workshop for ECS	https://ecsworkshop.com/
Kubernetes	https://aws.amazon.com/kubernetes/

Workshop for EKS	https://eksworkshop.com/
Starting and Stopping Instances via Lambda	https://aws.amazon.com/premiumsupport/knowledge-center/start-stop-lambda-cloudwatch/
Lambda Limits	https://docs.aws.amazon.com/lambda/latest/dg/limits.html
API Gateway	https://docs.aws.amazon.com/apigateway/latest/developerguide/welcome.html
AWS Batch – Explained in <5minutes	https://www.youtube.com/watch?v=T4aAWrGHmxQ
AWS Batch User Guide	https://docs.aws.amazon.com/batch/latest/userguide/Batch_GetStarted.html
AWS Batch Working with Amazon Rekognition	https://aws.amazon.com/blogs/machine-learning/classify-a-large-number-of-images-with-amazon-rekognition-and-aws-batch

Module 6

Amazon RDS Backup	https://docs.aws.amazon.com/AmazonRDS/latest/UserGuide/CHAP_CommonTasks.BackupRestore.html
Amazon Redshift	https://aws.amazon.com/redshift/features
Amazon Neptune	https://aws.amazon.com/neptune/features
Amazon ElastiCache	https://aws.amazon.com/elasticache/details
Database Migration Service	https://aws.amazon.com/dms
Schema Conversion Tool	https://aws.amazon.com/dms/schema-conversion-tool/

Module 7

VPC Peering	https://aws.amazon.com/about-aws/whats-new/2017/11/announcing-support-for-inter-region-vpc-peering/
VPC Endpoints	https://docs.aws.amazon.com/vpc/latest/userguide/vpc-endpoints.html
Elastic Network Interfaces (ENI)	https://docs.aws.amazon.com/AWSEC2/latest/UserGuide/using-eni.html
Using the ENI	https://docs.aws.amazon.com/AWSEC2/latest/UserGuide/using-eni.html#AvailableIpPerENI
Networking Workshop	https://networking.aworkshop.io/
Source Repo for Networking Workshop	https://github.com/geseib/awsnetworkshop
AWS Direct Connect (DX) Partners	https://aws.amazon.com/directconnect/partners/
CIDR addressing	https://cidr.xyz

VPC IP Addressing	https://docs.aws.amazon.com/vpc/latest/userguide/vpc-ip-addressing.html
VPC Quotas	https://docs.aws.amazon.com/AmazonVPC/latest/UserGuide/amazon-vpc-limits.html#vpc-limits-vpcs-subnets
Inter-Region VPC Peering	https://aws.amazon.com/about-aws/whats-new/2017/11/announcing-support-for-inter-region-vpc-peering/
VPC Peering Security Groups	https://docs.aws.amazon.com/vpc/latest/peering/vpc-peering-security-groups.html
VPC Peering Configurations	http://docs.aws.amazon.com/AmazonVPC/latest/PeeringGuide/invalid-peering-configurations.html
Transit Gateway	https://aws.amazon.com/transit-gateway/
VPC Network Administrator Guide	http://docs.aws.amazon.com/AmazonVPC/latest/NetworkAdminGuide/Welcome.html
VPN CloudHub	https://docs.aws.amazon.com/vpn/latest/s2svpn/VPN_CloudHub.html
NAT Instance versus NAT Gateway	https://docs.aws.amazon.com/vpc/latest/userguide/vpc-nat-comparison.html
PrivateLink	https://docs.aws.amazon.com/AmazonVPC/latest/UserGuide/VPC_Introduction.html#what-is-privatelink
DNS in the VPC	http://docs.aws.amazon.com/AmazonVPC/latest/UserGuide/vpc-dns.html
Route 53 Hosted Zones	http://docs.aws.amazon.com/Route53/latest/DeveloperGuide/hosted-zones-private.html
VPC Security Groups - Quotas	https://docs.aws.amazon.com/vpc/latest/userguide/amazon-vpc-limits.html#vpc-limits-security-groups
NACLs	http://docs.aws.amazon.com/AmazonVPC/latest/UserGuide/VPC_Appendix_NACLs.html
Linux Bastion Host	https://aws.amazon.com/quickstart/architecture/linux-bastion/

Module 8

Lifecycle Management for Snapshots	https://docs.aws.amazon.com/AWSEC2/latest/UserGuide/snapshot-lifecycle.html
Instance Store	https://docs.aws.amazon.com/AWSEC2/latest/UserGuide/InstanceStorage.html
S3 API Commands	https://docs.aws.amazon.com/cli/latest/userguide/cli-services-s3-apicommands.html
S3 Storage Classes	https://aws.amazon.com/s3/storage-classes/
create-volume CLI	https://docs.aws.amazon.com/cli/latest/reference/ec2/create-volume.html
attach-volume CLI	https://docs.aws.amazon.com/cli/latest/reference/ec2/attach-volume.html

EBS-optimized Volumes	https://docs.aws.amazon.com/AWSEC2/latest/UserGuide/ebs-optimized.html
EBS Incremental Snapshots	https://docs.aws.amazon.com/AWSEC2/latest/UserGuide/EBSSnapshots.html
create-snapshot CLI	https://docs.aws.amazon.com/cli/latest/reference/ec2/create-snapshot.html
copy-snapshot CLI	https://docs.aws.amazon.com/cli/latest/reference/ec2/copy-snapshot.html
Snapshots Lifecycle	https://docs.aws.amazon.com/AWSEC2/latest/UserGuide/snapshot-lifecycle.html
Instance Store	https://docs.aws.amazon.com/AWSEC2/latest/UserGuide/InstanceStorage.html
Adding Instance Store Volumes	https://docs.aws.amazon.com/AWSEC2/latest/UserGuide/add-instance-store-volumes.html
EFS – Elastic File System	https://docs.aws.amazon.com/efs/latest/ug/whatisefs.html
Event Notifications in S3	https://docs.aws.amazon.com/AmazonS3/latest/dev/NotificationHowTo.html
S3 make bucket CLI	https://docs.aws.amazon.com/cli/latest/reference/s3/mb.html
S3 list (ls) CLI	https://docs.aws.amazon.com/cli/latest/reference/s3/lb.html
S3 copy CLI	https://docs.aws.amazon.com/cli/latest/reference/s3/cp.html
S3 sync CLI	https://docs.aws.amazon.com/cli/latest/reference/s3/sync.html
S3 rm CLI	https://docs.aws.amazon.com/cli/latest/reference/s3/rm.html
S3 CLI References	https://docs.aws.amazon.com/cli/latest/userguide/cli-services-s3.html http://docs.aws.amazon.com/cli/latest/userguide/using-s3-commands.html
S3 Storage Classes and Performance	https://aws.amazon.com/s3/storage-classes/ https://aws.amazon.com/s3/storage-classes/#Performance_across_the_S3_Storage_Classes
Amazon Glacier	https://aws.amazon.com/glacier/ http://docs.aws.amazon.com/amazonglacier/latest/dev/introduction.html https://docs.aws.amazon.com/amazonglacier/latest/dev/downloading-an-archive-two-steps.html
DataSync	https://aws.amazon.com/datasync/
The “Snow” Family	https://aws.amazon.com/snowball https://aws.amazon.com/snowcone https://aws.amazon.com/snowmobile

Module 9

CloudWatch Concepts	https://docs.aws.amazon.com/AmazonCloudWatch/latest/monitoring/cloudwatch_concepts.html
CloudWatch Alarms	https://docs.aws.amazon.com/AmazonCloudWatch/latest/monitoring/AlarmThatSendsEmail.html
CloudWatch Agent Reference	https://docs.aws.amazon.com/AmazonCloudWatch/latest/logs/AgentReference.html
Monitoring with CloudWatch	http://docs.aws.amazon.com/AWSEC2/latest/UserGuide/using-cloudwatch-new.html
CloudWatch Pricing	http://aws.amazon.com/cloudwatch/pricing/
CloudWatch Event Types	https://docs.aws.amazon.com/AmazonCloudWatch/latest/events/EventTypes.html
CloudWatch Scheduled Events	https://docs.aws.amazon.com/AmazonCloudWatch/latest/events/ScheduledEvents.html
CloudWatch Features	https://aws.amazon.com/cloudwatch/features
Apache Log Formatting	https://httpd.apache.org/docs/2.4/logs.html
CloudWatch Logs Reference	https://docs.aws.amazon.com/AmazonCloudWatch/latest/logs/AgentReference.html
CloudTrail Configuration	https://docs.aws.amazon.com/awscloudtrail/latest/userguide/cloudtrail-user-guide.html
AWS Security	https://aws.amazon.com/security/

Module 10

Required Tags	https://docs.aws.amazon.com/config/latest/developerguide/required-tags.html
Stopinator Complete Example	https://aws.amazon.com/premiumsupport/knowledge-center/start-stop-lambda-cloudwatch/
AWS Trusted Advisor	https://aws.amazon.com/premiumsupport/technology/trusted-advisor/
Consolidated Billing	http://docs.aws.amazon.com/awsaccountbilling/latest/aboutv2/consolidated-billing.html
CloudWatch Billing Alarms	https://docs.aws.amazon.com/AmazonCloudWatch/latest/monitoring/monitor_estimated_charges_with_cloudwatch.html
AWS Trusted Advisor Best Practices	https://aws.amazon.com/premiumsupport/technology/trusted-advisor/best-practices/

Module 11

Stacks	https://docs.aws.amazon.com/cli/latest/reference/cloudformation/create-stack.html
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AWS CloudFormation Best Practices	https://docs.aws.amazon.com/AWSCloudFormation/latest/UserGuide/best-practices.html
Troubleshooting	https://docs.aws.amazon.com/AWSCloudFormation/latest/UserGuide/troubleshooting.html
Configuration Management – AMI Design	https://aws.amazon.com/answers/configuration-management/aws-ami-design
Creating an EBS-backed Linux AMI	https://docs.aws.amazon.com/AWSEC2/latest/UserGuide/creating-an-ami-ebs.html
Configuring a Windows instance with EC2Launch	https://docs.aws.amazon.com/AWSEC2/latest/WindowsGuide/ec2Launch.html
Copying AMIs	https://docs.aws.amazon.com/AWSEC2/latest/UserGuide/CopyingAMIs.html https://docs.aws.amazon.com/cli/latest/reference/ec2/copy-image.html
AWS Resources and Property Types Reference	https://docs.aws.amazon.com/AWSCloudFormation/latest/UserGuide/aws-template-resource-type-ref.html
CloudFormation Intrinsic Functions	https://docs.aws.amazon.com/AWSCloudFormation/latest/UserGuide/intrinsic-function-reference.html
Pseudo Parameters	https://docs.aws.amazon.com/AWSCloudFormation/latest/UserGuide/pseudo-parameter-reference.html
Mapping	https://docs.aws.amazon.com/AWSCloudFormation/latest/UserGuide/mappings-section-structure.html
CloudFormation Resources	http://docs.aws.amazon.com/AWSCloudFormation/latest/UserGuide/resources-section-structure.html
CloudFormation Init	https://docs.aws.amazon.com/AWSCloudFormation/latest/UserGuide/aws-resource-init.html
CloudFormation Errors and Troubleshooting	https://docs.aws.amazon.com/AWSCloudFormation/latest/UserGuide/troubleshooting.html
Launching a Stack	https://docs.aws.amazon.com/cli/latest/reference/cloudformation/create-stack.html
Override	http://docs.aws.amazon.com/cli/latest/reference/cloudformation/continue-update-rollback.html http://docs.aws.amazon.com/AWSCloudFormation/latest/UserGuide/using-cfn-updating-stacks-continueupdate-rollback.html
CloudFormation Best Practices	http://docs.aws.amazon.com/AWSCloudFormation/latest/UserGuide/best-practices.html

	https://docs.aws.amazon.com/AWSCloudFormation/latest/UserGuide/using-cfn-stack-exports.html https://docs.aws.amazon.com/AWSCloudFormation/latest/UserGuide/what-is-cfnstacksets.html
CloudFormation WaitCondition	https://docs.aws.amazon.com/AWSCloudFormation/latest/UserGuide/aws-properties-waitcondition.html

Additional Resources, Tools, and Links

- [Compute Abstractions on AWS: A Visual Story](#)
- [AWS Well-Architected - Learn, measure, and build using architectural best practices](#)
- [AWS Well-Architected Framework](#)
- [Updates to the Well-Architected Framework \(July 2020\)](#)
- [AWS Well-Architected Tool – Review Workloads Against Best Practices](#)
- [AWS Well-Architected Tool – DEMO](#)
- [Amazon EC2 Instance Types](#)
- [Spot Instance Advisor](#)
- [Amazon EC2 Auto Scaling Lifecycle Hooks](#)
- [Running high-scale web applications on Amazon EC2 Spot Instances](#)
- [Amazon EBS Volume Types](#)
- [Recovering files from an Amazon EBS volume backup](#)
- [Amazon Aurora Backtrack – Turn Back Time](#)
- [Best Practices for DynamoDB](#)
- [Best Practices for Designing and Using Partition Keys Effectively](#)
- [Building resiliency at scale at Tinder with Amazon ElastiCache](#)
- [Introducing Amazon Elasticsearch Service as a target in AWS Database Migration Service](#)
- [Migration Complete – Amazon’s Consumer Business Just Turned off its Final Oracle Database](#)
- [Scaling Your Amazon RDS Instance Vertically and Horizontally](#)
- [Right-size Amazon RDS instances at scale based on Oracle performance metrics](#)
- [Amazon S3 + Amazon CloudFront: A Match Made in the Cloud](#)
- [How to set up a CloudFront distribution for Amazon S3](#)
- [Overview of Managing Access on S3](#)
- [New – AWS Storage Gateway Hardware Appliance](#)
- [Using static IP addresses for Application Load Balancers](#)
- [New – Application Load Balancer Simplifies Deployment with Weighted Target Groups](#)
- [How to securely publish Internet applications at scale using Application Load Balancer and AWS PrivateLink](#)
- [Debugging tool for network connectivity from Amazon VPC](#)

- [VPC sharing: A new approach to multiple accounts and VPC management](#)
- [Multiple Region Multi-VPC Connectivity](#)
- [Working with Direct Connect Gateways](#)
- [AWS Direct Connect Partners](#)
- [How do I provision an AWS Direct Connect connection?](#)
- [Building a Serverless Dynamic DNS System with AWS](#)
- [How do I create an IAM policy to control access to Amazon EC2 resources using tags?](#)
- [Simplify granting access to your AWS resources by using tags on AWS IAM users and roles](#)
- [Writing IAM Policies: Grant Access to User-Specific Folders in an Amazon S3 Bucket](#)
- [Now Create and Manage AWS IAM Roles More Easily with the Updated IAM Console](#)
- [Guidelines for protecting your AWS account while using programmatic access](#)
- [Creating a Billing Alarm to Monitor Your Estimated AWS Charges](#)
- [How to better monitor your custom application metrics using Amazon CloudWatch Agent](#)
- [CloudWatch Search Expression Examples](#)
- [CloudWatch Logs Subscription Consumer + Elasticsearch + Kibana Dashboards](#)
- [Running Scripts from GitHub and Amazon S3](#)
- [Validating AWS CloudFormation Templates](#)
- [Amazon CloudFront Dynamic Content Delivery](#)
- [Implementation Considerations - Learn Caching Design Patterns](#)
- [Caching Content Based on Query String Parameters](#)
- [AWS Serverless Application Model](#)
- [Firecracker – Lightweight Virtualization for Serverless Computing](#)
- [Chaos Monkey](#)
- [Netflix's Simian Army](#)
- [Netflix's Conformity Monkey \(now OSS\) for Watching Configurations](#)

Architecture Reference & Tools

- [AWS Quick Starts](#)
- [AWS Solutions](#)
- [AWS Simple Monthly Calculator](#)
- [AWS Pricing Calculator](#)
- [The Amazon Builders' Library](#)
- [AWS Samples](#)
- [AWS CloudFormation Sample Templates](#)
- [AWS SAM - Serverless Application Repository](#)
- [AWS Geek Cloud Diagrams & Notes](#)
- [TOOLS] [CloudPing](#)
- [TOOLS] [AWS Policy Generator](#)
- [TOOLS] [S3 Transfer Acceleration Speed Comparison Tool](#)

- [TOOLS] [AWS Global Accelerator - Speed Comparison](#)
- [TOOLS] [Amazon WorkSpaces - Connection Health Check](#)
- [TOOLS] [Web Identity Federation Playground](#)
- [TOOLS] [AWS Elastic Load Balancer Demos](#)
- [TOOLS] [Amazon S3 Find and Forget](#)
- [TOOLS unofficial] [JMESPath](#)
- [TOOLS unofficial] [AWS IP Ranges](#)
- [TOOLS unofficial] [Cloudcraft - Create smart AWS diagrams](#)
- [TOOLS unofficial] [Bees with Machine Guns!](#)
- [TOOLS unofficial] [The Grinder](#)
- [TOOLS unofficial] [Apache JMeter](#)
- [TOOLS unofficial] [CloudFormation Lint: CFN Nag](#)
- [TOOLS unofficial] [CloudFormation Lint: CFripper](#)
- [TOOLS unofficial] [Awesome Honeypots](#)
- [TOOLS unofficial] [Modern Honey Network](#)
- [TOOLS unofficial] [Rhino Security Labs - Pacu](#)
- [TOOLS unofficial] [Rhino Security Labs - CloudGoat](#)
- [TOOLS unofficial] [Rhino Security Labs - Cloud Container Attack](#)
- [TOOLS unofficial] [Console Recorder for AWS](#)
- [TOOLS unofficial] [AWS CloudFront CDN Edge Locations](#)
- [TOOLS unofficial] [Lambda Load Testing](#)
- [TOOLS unofficial] [MySQL Samples](#)
- [TOOLS unofficial] [Third-Party Tool to Create Visualizations of Security Groups](#)

Workshops & Labs

- [LABS] [AWS Qwiklabs](#)
- [LABS] [AWS Well-Architected Labs](#)
- [LABS] [VMware Cloud on AWS](#)
- [LABS] [Self-paced Labs](#)
- [Workshop] [AWS Cloud Champion](#)
- [Workshop] [AWSome AWS Workshops](#)
- [Workshop] [Networking Workshop - Transit Gateway and Traffic Mirroring](#)
- [Workshop] [Amazon EC2 Spot Instances Workshop](#)
- [Workshop] [Amazon CloudWatch](#)
- [Workshop] [SSM & Config](#)
- [Workshop] [Amazon FSx Workshop](#)
- [Workshop] [Amazon ECS Workshop for AWS Fargate](#)
- [Workshop] [Amazon EKS Workshop](#)
- [Workshop] [Amazon Lightsail Workshop](#)
- [Workshop] [Amazon DynamoDB Labs](#)
- [Workshop] [Amazon Aurora Labs for MySQL](#)
- [Workshop] [CloudEndure Deep Dive - Workshop](#)
- [Workshop] [Migration and Modernization Workshop Guide](#)

- [Workshop] [Kinesis Streaming Analytics Workshop](#)
- [Workshop] [Workshop: Choose Your Own SAML Adventure](#)
- [Workshop] [Landing Zone Workshop](#)
- [Workshop] [Security Workshops - Permission Boundaries: How to Truly Delegate Permissions on AWS](#)
- [Workshop] [Security Workshops - Data Protection, Detection, Identity, Threat Detection](#)
- [Workshop] [AWS Protecting Workloads Workshops](#)
- [Workshop] [Getting Hands on with Amazon GuardDuty](#)
- [Workshop] [Integrating security into your container pipeline](#)
- [Workshop] [DevSecOps with Snyk](#)
- [Workshop] [Microsoft Workloads Immersion Day](#)
- [Workshop] [Learn Python On AWS Workshop](#)
- [Workshop unofficial] [Welcome to the flAWS challenge](#)
- [Workshop unofficial] [Welcome to the flAWS 2 challenge](#)
- [Workshop unofficial] [Play with Docker](#)
- [Workshop unofficial] [Hello Kubernetes w/ Minikube](#)
- [SLIDES] [Technical Essentials on AWS](#)
- [EBOOK] [Hands-On AWS Penetration Testing with Kali Linux](#)
- [FILES] [Security Engineering on AWS - script lab 2](#)
- [FILES] [Developing on AWS - Additional Resources](#)
- [FILES] [Developing on AWS - Solutions for Labs](#)
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- [VIDEO-LABS] [How to use QwikLabs](#)
- [VIDEO-LABS] [AWS Technical Essentials](#)
- [VIDEO-LABS] [AWS Cloud Practitioner Essentials](#)
- [VIDEO-LABS] [Architecting on AWS](#)
- [VIDEO-LABS] [Systems Operations on AWS](#)
- [VIDEO-LABS] [Developing on AWS](#)
- [VIDEO-LABS] [Security Engineering on AWS](#)
- [VIDEO-LABS] [Planning and Designing Database on AWS](#)
- [VIDEO-LABS] [Deep Learning on AWS](#)
- [VIDEO-LABS] [Moving to AWS Serverless](#)
- [VIDEO-LABS] [Advanced Architecting on AWS](#)
- [VIDEO-LABS] [IoT in Scale: IoT Solution using AWS Services](#)

GENERAL LINKS

- [AWS News Blog](#)
- [AWS YouTube channel](#)
- [Reinvent Videos](#)
- [AWS Service Health Dashboard](#)
- [A digital tour of an AWS data center](#)

- [AWS re:Invent 2016 | Amazon Global Network Overview with James Hamilton](#)
- [Service Availability by Region](#)
- [Completing the Netflix Cloud Migration \(Feb 2016\)](#)
- [Diagramming and Budgeting tool that is still early in development but shows great promise](#)