

Higher Ed and General AWS Resources

Higher Education Resources

- [Internet2 NET+ AWS Service and Advisory Board](#)
- [re:Invent 2016 Sessions](#)
 - [AWS re:Invent 2022 - Rethink data governance as strategic empowerment \(PRT100\)](#).
 - [AWS Customer Success Stories](#)
 - [University of Newcastle Digitises Its Student and Researcher Experience on AWS](#)
 - [University of Auckland Improves Agility, Innovation, and Resilience on AWS](#)
 - [Cornell University Case Study](#)
 - [Arizona State University Case Study](#)
- [Family Educational Rights and Privacy Act \(FERPA\) Compliance on AWS](#)
- [AWS Getting Started Videos for Education](#)
 - [How do I create and activate a new AWS account?](#)
 - [Creating and managing an organization](#)
 - [What is IAM?](#)
 - [AWS Cost Optimization Series](#)
 - [AWS Networking Fundamentals - Level 200 \(United States\)](#)
 - [Monitoring and Logging](#)
 - [What Is AWS CloudTrail?](#)
 - [Logging requests using server access logging](#)
 - [Logging IP traffic using VPC Flow Logs](#)
 - [Checklist for AWS Account Administration and Networking in Education](#)
- [NET+ AWS Service page](#) (benefits, list of subscribers, etc.)
- [NET+ AWS Program page](#) (documentation, resources, service advisory board)

AWS General Resources

- [Overview of the Cloud Adoption Framework Operations Perspective](#)
- [AWS Well-Architected Framework](#)
- [Best Practices for Security, Identity, & Compliance](#)
- [AWS Cloud Adoption Framework \(CAF\)](#)
- [Guidelines for a successful migration](#)
- [AWS YouTube channel](#)
- [AWS Labs on GitHub](#)
- [AWS Official Training and Certifications](#)
- [Lambda, API Gateway, and Microservices](#)
 - [Getting Started with Serverless Architectures](#)
 - [Video: several best practices at ~36 min mark](#)
 - [Using AWS Lambda with Amazon API Gateway](#)
 - [Video: deeper dive into Lambda and API gateway](#)
 - [Tutorial: Using Lambda with API Gateway](#)
 - [Implementing Microservices on AWS](#)
 - [Whitepaper: overview of AWS microservices and interaction between them](#)
 - [Controlling Access to API Gateway](#)
 - [Lambda Limits](#)
- [Lambda deployments](#)
 - [Fully managed with AWS Code Pipeline](#)
 - [Most complete option for modeling and automating your deployment steps](#)
 - [Leverages Code Pipeline \(workflow automation\), Code Deploy \(build, test, and package your code\), S3 \(store code package\), and CloudFormation \(deployment\)](#)
 - [Partially managed with AWS CloudFormation \(blog entry with S3 integration\)](#)
 - [Primarily focused on deploying your code instead of using the console](#)
 - [Setting up a CI/CD pipeline by integrating Jenkins with AWS CodeBuild and AWS CodeDeploy](#)
- [Apache Spark and EMR](#)
 - [Introduction to Apache Spark](#)
 - [Video: a discussion about storage options and best practices with EMR at ~32 min mark](#)
 - [Using spot instances with EMR](#)
- [Cisco CSR1000V- Transit VPC with Transit Gateway](#)
 - [AWS Transit Gateway](#)
 - [AWS Solutions Implementations Library](#)
 - [Cisco CSR Implementation Guide](#)

Unofficial Resources

- [The Open Guide to Amazon Web Services](#)
- [Awesome AWS](#)
- [A Cloud Guru Certification Courses](#)
- [A Cloud Guru: Linux Training](#)