AWS Ramp-Up Guide: Internet of Things

For architects, developers, data analysts, data engineers, and system operators

This collection of resources is designed to help Internet of Things (IoT) developers and solutions architects that want to learn how to leverage the AWS global infrastructure. Learn how to collect, store, process, and analyze device data for a variety of use cases. The digital training included in this Learning Plan provides you with an introduction to: AWS IoT; securing devices and authorizing actions; AWS IoT device management; and analyzing, visualizing, and gaining insights of IoT data.

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Learn the Fundamentals of the AWS Cloud	
Learning Resource	**Type**
AWS Ramp-Up Guide: Cloud Essentials	Ramp-Up Guide

IOT Fundamentals		
Learning Resource	**Duration (*hrs*)**	**Type**
Getting Started with AWS IoT	0.3	Digital Course
Securely Connecting AWS IoT Devices to the Cloud	1.0	Digital Course
Handling AWS IoT Device Data and States	2.0	Digital Course
Managing AWS IoT Devices at Scale	3.5	Digital Course
Analyzing, Visualizing, and Gaining Insights from IoT Devices	0.6	Digital Course

With Our Training Partners		
Learning Resource	**Duration (*hrs*)**	**Type**
AWS IoT: Developing and Deploying an Internet of Things	16.0	edX Digital Training

Additional Resources		
Learning Resource		**Type**
AWS IoT		Webpage
AWS IoT Core Frequently Asked Questions		Webpage
Ten security golden rules for IoT solutions		Blog Post
AWS IoT Core Documentation		Webpage

How to automate onboarding of IoT devices to AWS IoT Core at scale with Fleet Provisioning	[Blog Post](#)
Architecture Best Practices for IoT	[Webpage](#)