aws educate

Webinar Series on Remote Learning

TITLE

Smart Devices and Internet of Things

BRIEF SYNOPSIS

Today, smart devices are becoming more prevalent within society with devices being used in smart buildings, everyday households and industrial environments. Many people have used smart devices but how does it actually work under the hood? How do these devices get controlled via smart phones? How can I create my own smart device using AWS IoT?

Within this introductory level webinar, we will be answering these questions and focusing on smart devices and the Internet of Things (IoT). You will be learning about how smart devices are currently used globally and understand the basic concepts of how AWS IoT works. There will also be an example of how AWS IoT can be applied to a smart coffee machine with a general walkthrough of the service via the AWS console. Come join the webinar today and learn about the technology behind all smart devices that you use.

SPEAKERS	**SPEAKER BIOS:**
Donnie Prakaso	Evangelist, AWS
Suresh S. Kartigaysu	Technical Program Manager, AWS

DURATION

33 min 18 sec

TIMESTAMPS

0:00 – Speaker Introductions

1:37 – State of IoT

3:35 – Basics of AWS IoT Core

6:17 – How It Works?

10:09 – Demo

24:05 – Greengrass and Other Services

27:01 – How To Get Started

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Academic Gateway to the Hearts and Minds of the Next Generation of IT Professionals

Q & A with Andrew Kwok and Zoran Taleski:

Q: Can IoT work locally without sending data to the device shadow? Also, does it support multi-users? What type of access control can be set?

A: Yes, IoT can work locally but you'll need to install AWS Greengrass Core, it can support multi users and policies are defined in the console.

RESOURCES

AWS IoT Developer Guide – Getting Started with AWS IoT

How AWS IoT works – How AWS IoT works

AWS Educate – AWS Educate gives students and educators access to content and programs that enable them to skill up for cloud careers in growing fields. AWS Educate also connects companies hiring for cloud skills to qualified student job seekers with the AWS Educate Job Board.

AWS Educate Office Hours for Educators and Students – Webinars, office hours, and training sessions for educators and students

AWS User Groups - User groups are peer-to-peer communities which meet regularly to share ideas, answer questions, and learn about new services and best practices.