aws re/start

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Creating Automated and Repeatable Deployments Overview

What you will learn

At the core of the lesson

You will learn how to:
- Identify some of the AWS services for configuration management
- Describe the challenges associated with cloud deployments and potential solutions
- Describe infrastructure as code (IaC) and the value that it creates
- Describe the purpose of AWS CloudFormation
- Describe best practices for using AWS CloudFormation
- Describe the process of troubleshooting AWS CloudFormation
- Use continuous integration and continuous delivery (CI/CD) on AWS

Checkpoint Questions

Lab
- Managing Resources with Tagging

Project
- Troubleshooting Knowledge Base

Topics:
- Configuration management in the cloud
- Using configuration software
- Create an AMI building strategy
- AWS CloudFormation
- Troubleshooting AWS CloudFormation templates
- CI/CD on AWS

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Project time

Troubleshooting Knowledge Base

- Have your copy of The Troubleshooting Knowledge Base template open for editing.
- Create new entries as you encounter troubleshooting situations.
- Categories of focus for this module:
  - *Automation & Optimization*
  - *Foundational IT*

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