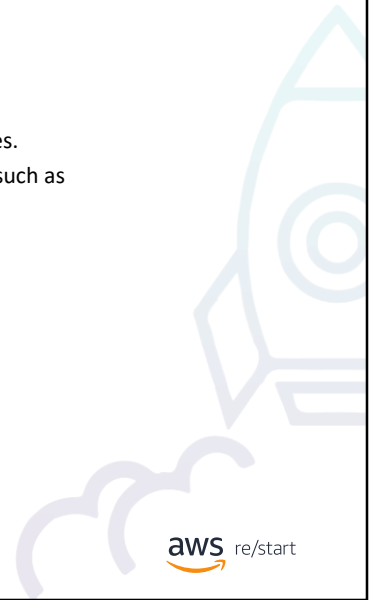# Tooling and Automation Overview

What you will learn

At the core of the unit

You will learn how to do the following:

- Describe the purpose and function of AWS Systems Manager and its related features.
- Identify development tools and services that are used for tooling and automation, such as software development kits (SDKs), AWS CloudFormation, and AWS OpsWorks.

aws re/start

Troubleshooting Knowledge Base

Project

Troubleshooting Knowledge Base

- Have your copy of the Troubleshooting Knowledge Base template open for editing.

- Create new entries as you encounter troubleshooting situations.

- This section focuses on the following categories:
    - **Automation and Optimization**
    - **Foundational IT**

aws re/start

Be ready to create some entries in your Troubleshooting Knowledge Base document based on the Tooling and Automation topics.

For these topics, add entries in the Automation and Optimization category of your knowledge base. You can also create entries in the Foundational IT category for other general issues that you troubleshoot.

Thank you