

# AWS Systems Manager

As you will see in the next segments of the course, AWS Systems Manager is used as a core component on the Operate steps of the DevOps journey. Systems Manager offers many features that facilitate the management of entire fleets of Amazon Elastic Compute Cloud (Amazon EC2) instances and also automations (runbooks) that can be run in the environment.

Stay tuned to learn more about Systems Manager and its capabilities. If you want, you can learn more about it in the following links so that you can be better briefed before watching the videos!

[AWS Systems Manager – Gain Operational Insights and Take Action \(amazon.com\)](#)

[Introduction to AWS Systems Manager \(hands-on.cloud\)](#)

[Use cases and best practices - AWS Systems Manager \(amazon.com\)](#)

Systems Manager can also be used in hybrid environments, where you have servers both running on-premises and in the cloud. First, install the AWS SSM Agent into an operating system (OS) and configure the agent with proper AWS Identity and Access Management (IAM) credentials. After you do so, that OS is identified as a managed OS from the perspective of Systems Manager, and you can use many of the features that Systems Manager provides!