AWS Systems Manager Parameter Store



 You work for a bank as a systems administrator. You need to store confidential information such as users, passwords, license keys etc. This information needs to be passed to EC2 as a bootstrap script, while maintaining the confidentiality of the information. STEMS MANAGER

Run Command

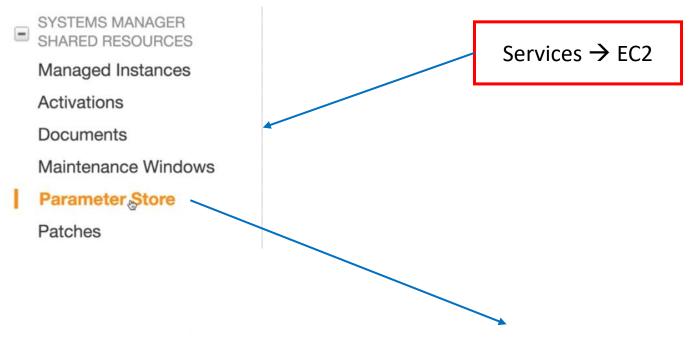
State Manager

Configuration Compliance

Automations

Patch Compliance

Patch Baselines



Welcome to EC2 Systems Manager - Parameter Store

Use EC2 Systems Manager to easily configure and manage Amazon EC2 instances and servers or virtual machines (VMs) running in your on-premises environment. On-premises machines configured for Systems Manager are called managed instances. Learn more.

Parameter Store centralizes the management of configuration data - such as passwords, license keys, or database connection strings - that you commonly reference in scripts, commands, or other automation and configuration workflows. With granular security controls for managing user access and strong encryption for sensitive data such as passwords, Parameter Store improves the overall security posture of your managed instances. Encrypting parameters with Parameter Store is not supported in all regions. Learn more

Before you use Parameter Store, you must configure managed instances and permissions. Learn more.

es and benefits, please see the getting started guide

Get Started Now

Getting started with Parameter Store



1. Create a parameter

and then reference the parameter in your configuration management scripts or commands.



2. Store sensitive data

Create a parameter by selecting a data type and specifying a keyvalue pair. After you create the parameter, specify access controls to be stored and referenced in a secure manner. Encrypt this data with your AWS KMS keys or with a default service key and delegate access only to users who are able to decrypt and view sensitive data.



3. Access parameters across services

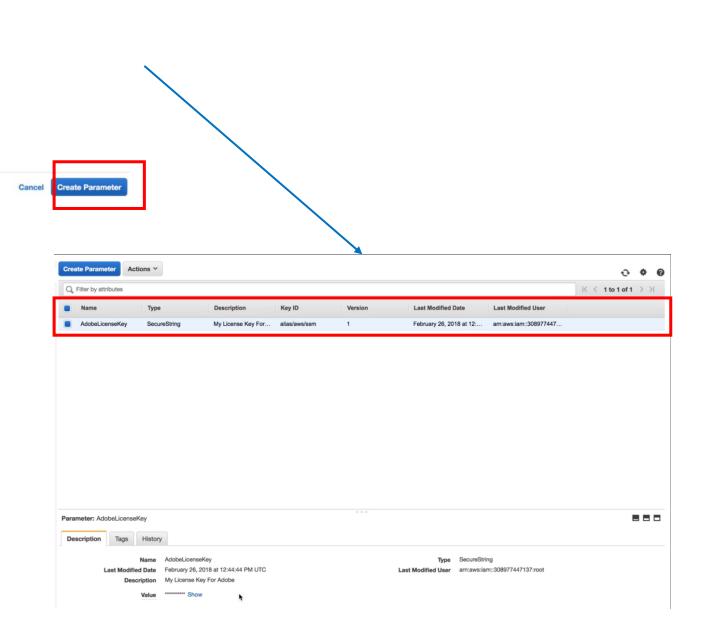
Parameter Store makes it easy for you to reference your parameters in automation and configuration workflows across AWS services and features, including Amazon EC2 Run Command, Amazon EC2 State Manager, and AWS CloudFormation.

Parameters > Create Parameter

Create Parameter

A parameter is a key-value pair for any data that you want to store and reference. Specify a name, data type, and value for the parameter.





A CLOUD GURU

AWS Systems Manager Parameter Store Exam Tips

- Confidential information such as passwords, database connection strings, and license codes can be stored in SSM Parameter Store.
- You can store values as plain text or you can encrypt the data.
- You can then reference these values by using their names.
- You can use this service with EC2, CloudFormation, Lambda, EC2 Run Command etc etc