

INTERNET ARCHIVE

Wayback Machine

3 captures

10 Jun 2023 - 21 Jun 2024

https://certification.kananirav.com/aws-developer-associate/4-aws-security/ssm.html

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About this capture

SSM Parameter Store

If you are studying for AWS Developer Associate Exam, this guide will help you with quick revision before the exam. it can use as study notes for your preparation.

Dashboard

Other Certification Notes

SSM Parameter Store

- Used for securely storing configuration and secrets in AWS
- It can have optional encryption using KMS
- Serverless, scalable, durable, easy SDK
- Version tracking of configurations and secrets
- Configuration management using IAM policies
- Notification with CloudWatch events
- Integration with CloudFormation

SSM Parameter Store Hierarchy

- Example of hierarchy:
 - /my-department/
 - my-app/
 - dev/
 - db-url
 - db-password
 - prod/
 - db-url
 - db-password
 - other-app
 - /other-department

SSM Tiers

Standard

- Total number of parameters: 10K
- Max size of a parameter: 4KB
- Pricing: free
- Parameter policies: NO

Advanced

- Total number of parameters: 100K
- Max size of a parameter: 8KB
- Pricing: 0.05\$ per advanced parameter per month
- Parameter policies: YES

Policies for Advanced Parameters

- Allow assigning a TTL for a parameter to force updating or deleting sensitive data
- We can assign multiple policies at a time

SSM CLI

- Get parameters

```
aws ssm get-parameters --names /my-app/dev/db-url /my-app/dev/db-password
```

- Get parameters decrypted

```
aws ssm get-parameters --names /my-app/dev/db-url /my-app/dev/db-password --with-decryption
```

- Get parameters by path: gets multiple parameters recursively

```
aws ssm get-parameters-by-path --path /my-app/ --recursive
```

