

Security

Secret Vault

Issue Token-based Temporary Key and Manage Lifecycle

Secret Vault removes the need for hard coding text-based security information when accessing Samsung Cloud Platform with Open API. A token-based temporary key is generated to provide access to SCP services and resources. In addition, managing the lifecycle of temporary keys helps create a robust security environment when utilizing API.

Enhanced Security Environment

With Secret Vault, users no longer need to enter hard-coded authentication information to the application source code as it generates a token-based temporary key. This, in turn, helps respond to various security threats.

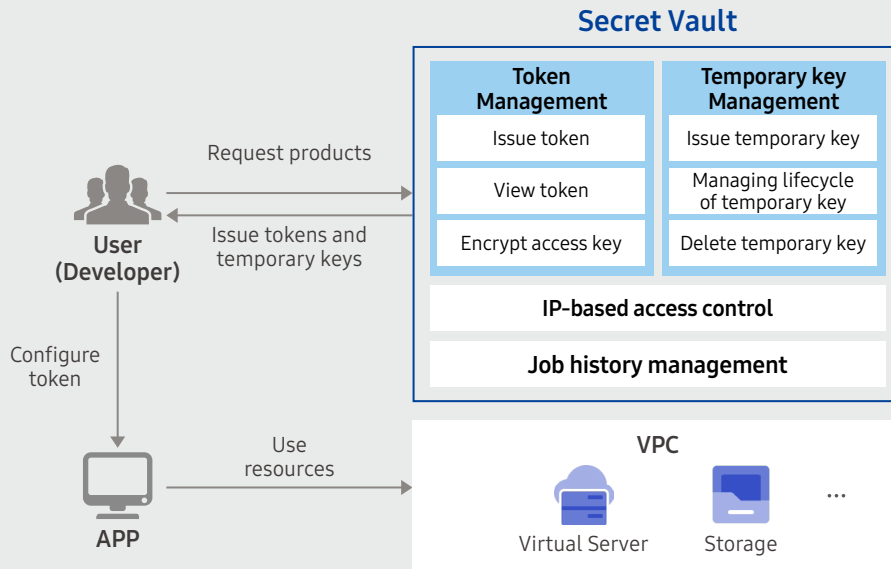
Managing Temporary Key Based on Lifecycle

Managing the lifecycle of temporary keys for security purposes becomes unnecessary as they are managed and rotated automatically based on the lifecycle rules configured.

Access to Various Resources

Using a token issued on Secret Vault, users can access resources within Samsung Cloud Platform as well as external resources in enhanced security environments (Including that of other cloud service providers and on-premises).

Service Architecture



Key Features

- **Adding token-based authentication and storing encrypted access key**
 - issue tokens using an access key and support a feature that issues a temporary key with tokens
 - Store securely by encrypting access key information (AES-256)
- **Managing lifecycle of temporary keys**
 - Support automatic rotation and issuance of temporary key based on its lifecycle
 - Sets the rotation cycle in hours (Up to 36 hours)
 - Immediately rotate temporary key (Manually)
- **Access Control**
 - Enable IP-based access control of resources where user applications are running
 - Control single IP and variable CIDR (Classless Inter-domain Routing) of container environment (192.168.0.0/16, 192.168.11.0/24)

Pricing

- **Billing**
 - Number of secrets issued
 - Number of API calls made for temporary key issuance (Charging only when new temporary key is issued)

FOR MORE INFORMATION

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