



What's New 'Deep Dives'

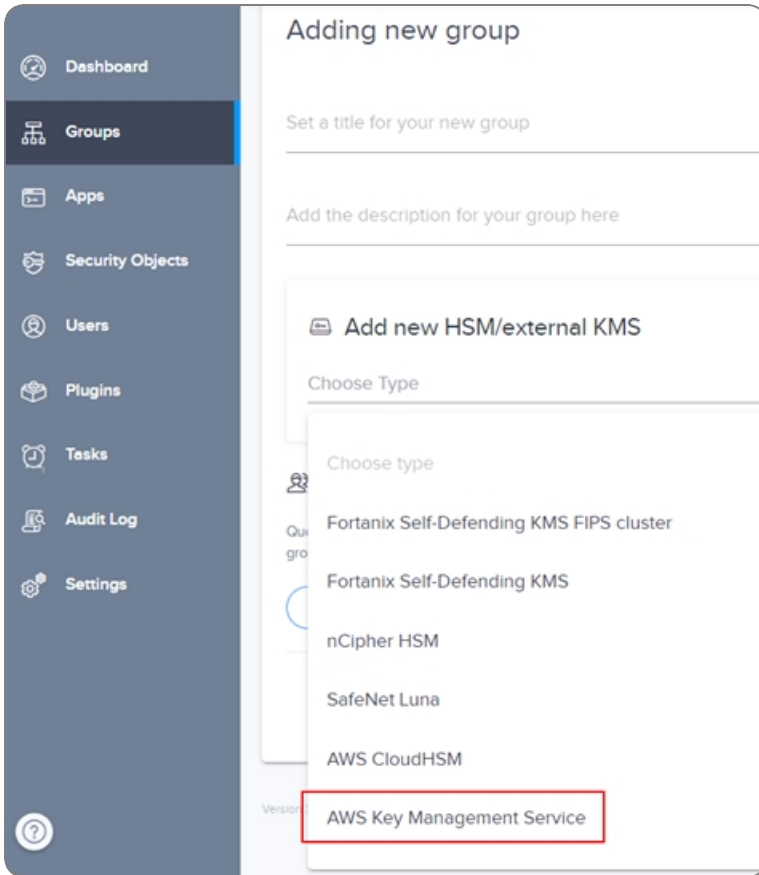
SmartKey 2021.1

SmartKey 2021.1 delivers a set of new features that improves security and adds functionality.

Multicloud Key Management for AWS

AWS KMS is added to the list of supported Key Management Systems in HSM/external KMS groups. SmartKey can now manage keys in AWS by:

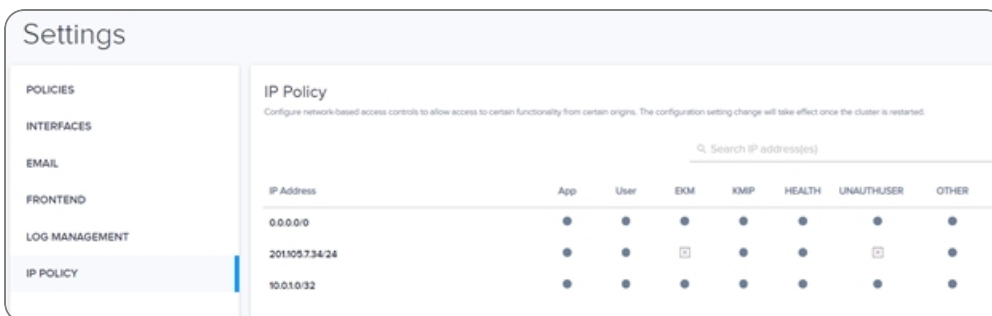
- Configuring the AWS KMS group in SmartKey
- Importing and copying key (BYOK) into AWS
- Rotating Keys in the AWS KMS group



IP Policy Restriction (Network-based access controls)

You can now control access to functions or API classes by restricting network access via the IP policy. Functions originating from an IP addresses can be allowed/disallowed for the IP policies configured in the account.

Note that this function is currently restricted to system administrators. Access this feature is from Settings > IP Policy.

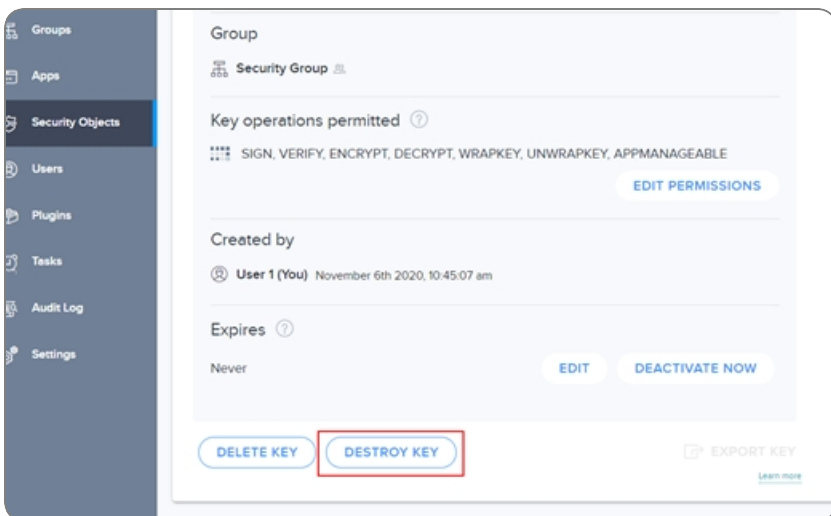


Added “Destroy Key” function to security objects

A new **DESTROY KEY** function has been added. It differs from **DELETE KEY**:

- When a key is **destroyed**, its key material is deleted but the key metadata is still retained.
- When a key is **deleted**, it deletes the key completely, including key material and metadata.

You will see the **Destroy Key** button when you edit a Security Object.



Other Enhancements

- Added support for DSA security objects.
- Added support for import/export of SECRET security object type.
- Added support for LDAP Roles for auditors, administrators, regular apps, and admin apps.
- Added a verification step for KCV and key component combinations before importing.
- Enforce the order of HSM connections. You can now reorder HSM connections to choose which ones appear first. This helps to set the priority of the instances.
- RSA keys can now be exported.

- Added support for hash algorithm SHA-224.
- Added ability to search for security objects based on custom attributes.
- Upgraded Cassandra DB to 3.11.9
- Audit log storage now uses Cassandra to improve the security of backups.
- Allows downloading a certificate for a key of type “Certificate”.
- Disabled JMX host port on Cassandra.