What's New 'Cliff Notes'

SmartKey 2020.1

This release is available as of 24 Jun 2020.

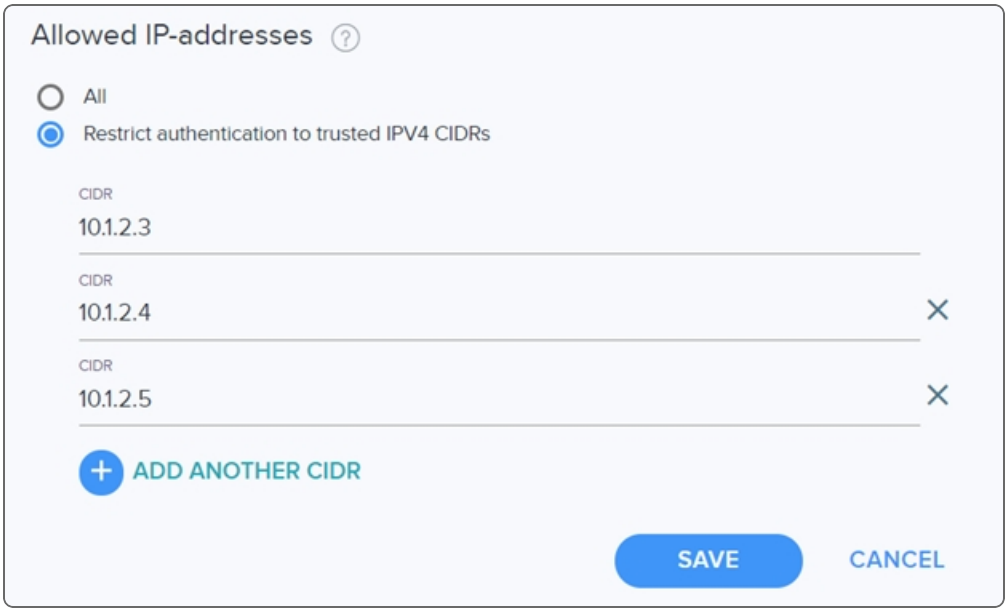
You might have noticed that we have changed our naming format for releases. This release contains exciting new features focused on strengthening logging and monitoring.

New Features

Allow IP addresses for App authentication

SmartKey has launched a new functionality to allow a set of IP addresses for an App to authenticate. This policy can be setup for new and any existing application through the UI. An application can either allow all IP addresses for authentication or custom CIDR of IP addresses can be defined.

To allow IP addresses to an App, select the App from the App listing page, edit the App. In the Info tab, scroll to the “Allowed IP-addresses” section.



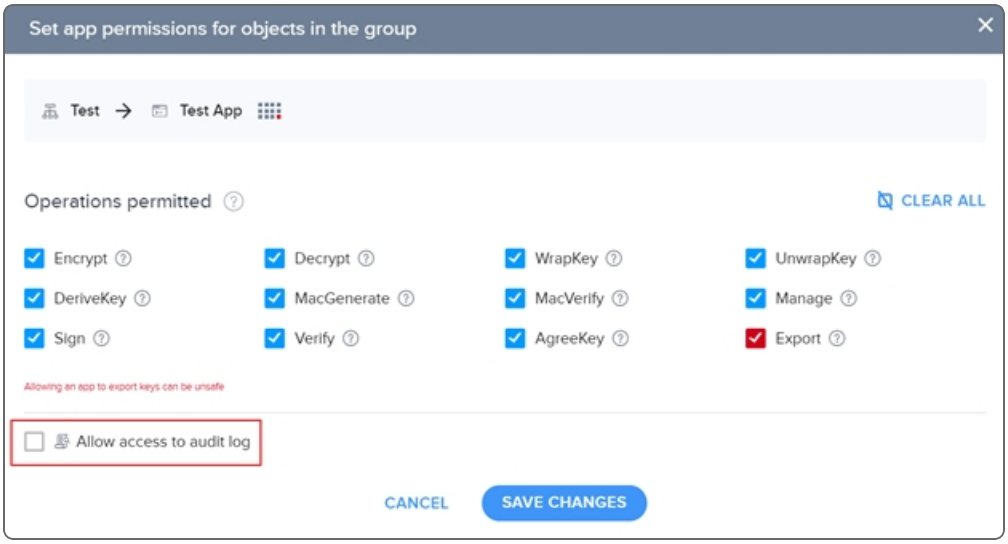
Additionally, to enable this feature, a new Account level policy has been introduced, where the Account admin will need to enable the policy to turn on this feature for the entire account. By default, this policy is not enabled.

Enhancements to existing functions

Audit Log Improvements

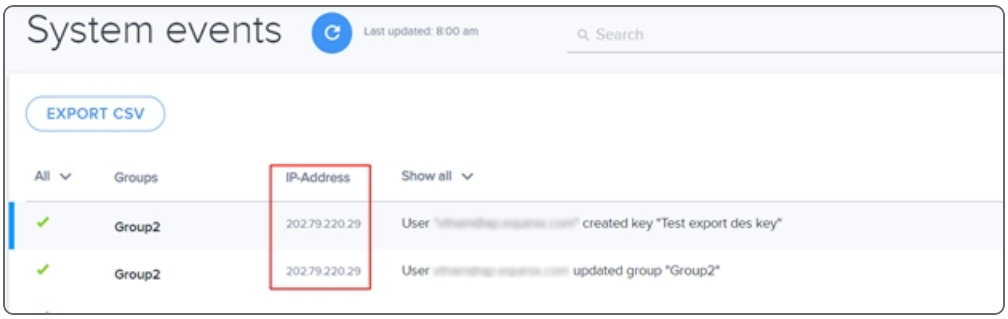
- **Allow Apps to fetch audit logs**

  A new App level operation - to fetch audit logs, is added to existing operations. This operation can be set for an application at group level through the UI. If this App level operation is turned on, then corresponding App(s) will be able to access its group audit logs via APIs. Visit here, to learn more about the operations permitted by the application.



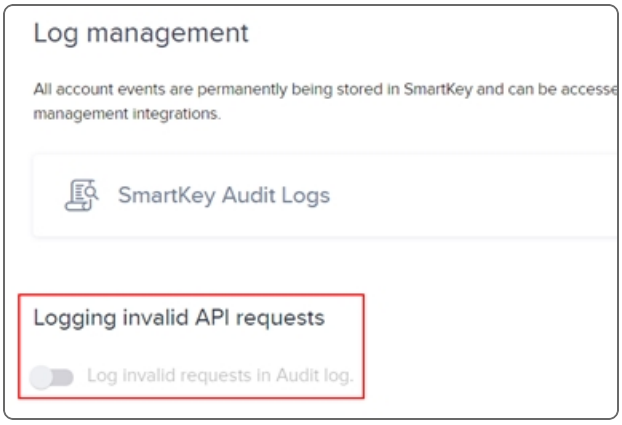
- **IP address in Audit logs**

  Client IP address for App(s) are added in the audit logs to provide more visibility to events in terms of security. Refer this user guide to learn more about logging in SmartKey.



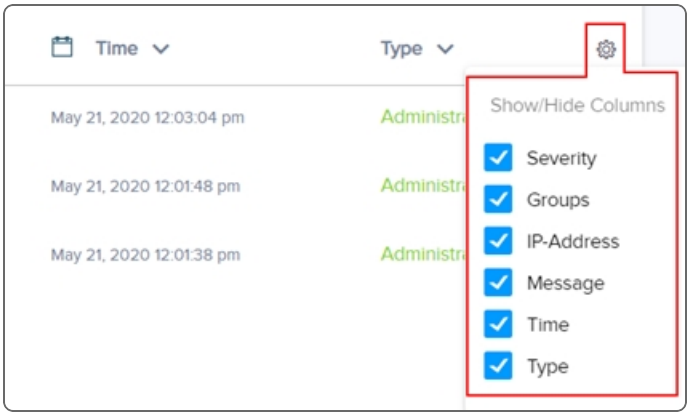
- **Option to Enable/Disable audit log of bad requests (400 error)**

  A new control has been introduced at Account level to enable/disable audit log entries of bad requests (400) for additional visibility. An account administrator can enable this option under log management settings through the UI. By Default, this setting is turned off.



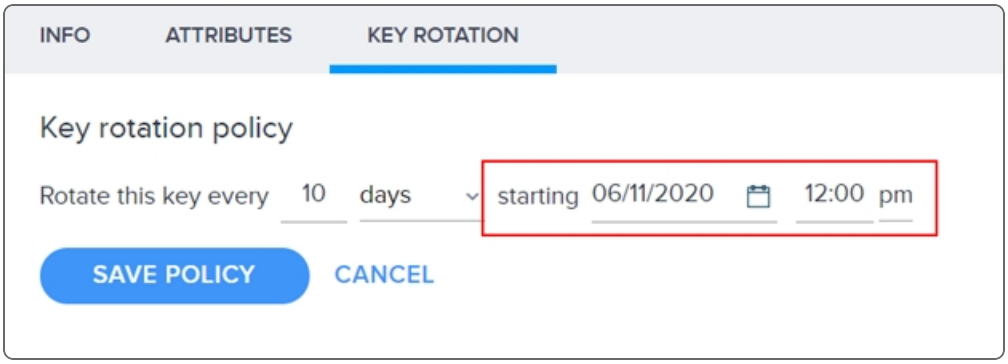
- **Select columns to be displayed on the audit log**

  You can customize the columns to be displayed in the Audit Logs.



Additional scheduling options for key rotation

In our previous release 3.16, SmartKey introduced the Automatic Key Rotation Policy. This release has enhanced this feature by adding more scheduling options. You can choose a date/time to start the key rotation policy.



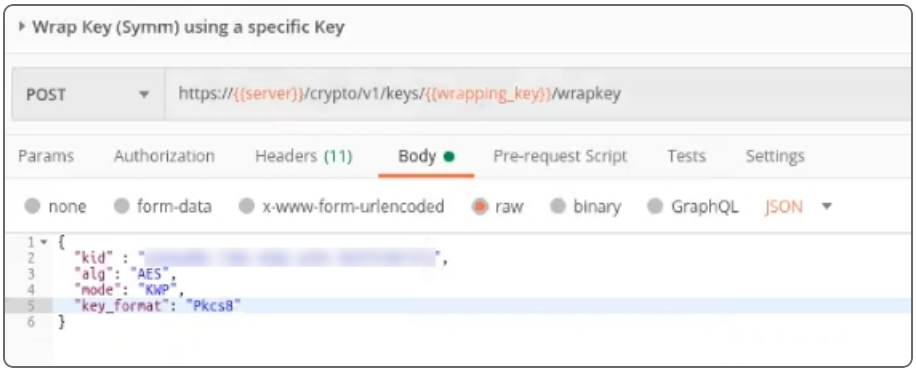
Value of Secret type security object can be viewed from UI

Previously, the only way to access the value of a Secret type security object is via APIs. Now, if you have the proper permissions, you can go to the Secret type security object and click Show to display the value.

API Changes

Wrap API call added an optional parameter “key_format”

The wrapkey API call has been updated with an optional parameter “key_format”. The value of “key_format” is “Pkcs8”. This parameter allows SmartKey to support PKCS#8 format when performing a wrap key operation.



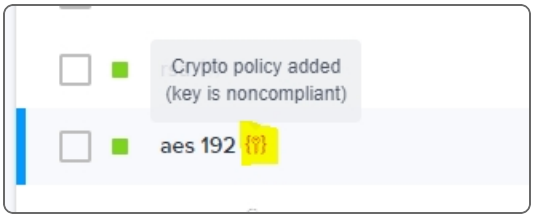
Audit logs can now be retrieved by Apps via API

You can assign permissions to Apps to access audit logs.

After assigning permission, the apps will be allowed to use APIs to retrieve audit logs.

Quality of life enhancements

- Improved validation for key component export / import - This feature was introduced in release 3.16. A number of minor bugfixes and improvements have been made.
- Added support to delete crypto policy at account and group level.
- Email addresses of user accounts are case insensitive. This means that it will accept the email address regardless of upper or lower case.
- Non-compliant security objects have an icon to flag out that they are violating the crypto policy.



- Plugins have an option to copy UUID and URI. This can be done from the plugins detailed view.

Bug Fixes

- Auditor user role is not allowed to use the get plugin function.
- Fixed a bug where the key size defined in account-level crypto policy is not propagated to group-level crypto policy.
- Fixed a bug where quorum policy created on the account-level is not propagated down to groups and security objects.