1.10 Ensure KMS Encryption Keys Are Rotated Within a Period of 90 Days

***Sentinel Policy Name:***

* + 1.10 Ensure KMS Encryption Keys Are Rotated Within a Period of 90 Days

***Category :***

* + Google Cloud Platform

***Description of Policy:***

* + Many people may have indefinite access to cryptographic keys. This poses a risk to the secure data. Therefore, CIS recommends to set a key rotation of 90 days or less.

***Sentinel Policy Restriction:***

* + This policy will ensure the "rotation\_period" value under all "google\_kms\_crypto" resources are set to anything less than: ***7776000*** (90 days in seconds)

***Terraform attributes:***

* + Provider Ref:
    1. <https://registry.terraform.io/providers/hashicorp/google/latest/docs/resources/google_kms_crypto_key_iam>
  + Filter:
    1. *rotation\_period*

***Test cases:***

**Pass cases**

* + In pass case, if google\_folder\_access\_approval\_settings filter set 90 days will always pass

**Fail case:**

* + In pass case, if google\_folder\_access\_approval\_settings filter set to more than 90 days will always fail.