

[Memorystore for Redis](#)

Method: projects.locations.instances.failover

Initiates a failover of the master node to current replica node for a specific STANDARD tier Cloud Memorystore for Redis instance.

HTTP request

POST

```
https://redis.googleapis.com/v1beta1/{name=projects/*/locations/*/instances/*}:failover
```

The URL uses [gRPC Transcoding](#)

(<https://github.com/googleapis/googleapis/blob/master/google/api/http.proto>) syntax.

Path parameters

Parameters

name	string
	Required. Redis instance resource name using the form: projects/{projectId}/locations/{locationId}/instances/{instanceId} where locationId refers to a GCP region.

Request body

The request body contains data with the following structure:

JSON representation

```
{  
  "dataProtectionMode": enum (DataProtectionMode (https://cloud.google.com/memorystore/docs  
})  
}
```

Fields

Fields

dataProtectionMode	enum (DataProtectionMode (https://cloud.google.com/memorystore/docs/redis/reference/rest/v1beta1/projects.locations.instances.failover#DataProtectionMode)) Optional. Available data protection modes that the user can choose. If it's unspecified, data protection mode will be LIMITED_DATA_LOSS by default.
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Response body

If successful, the response body contains an instance of [Operation](#)

(<https://cloud.google.com/memorystore/docs/redis/reference/rest/Shared.Types/ListOperationsResponse#Operation>)

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Authorization Scopes

Requires the following OAuth scope:

- <https://www.googleapis.com/auth/cloud-platform>

For more information, see the [Authentication Overview](#)

(<https://cloud.google.com/docs/authentication/>).

DataProtectionMode

Enums

DATA_PROTECTION_MODE_UNSPECIFIED	Defaults to LIMITED_DATA_LOSS if a data protection mode is not specified.
LIMITED_DATA_LOSS	Instance failover will be protected with data loss control. More specifically, the failover will only be performed if the current replication offset diff between master and replica is under a certain threshold.
FORCE_DATA_LOSS	Instance failover will be performed without data loss control.

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