

[Cloud SQL](https://cloud.google.com/sql/) (<https://cloud.google.com/sql/>)

[Documentation](https://cloud.google.com/sql/docs/) (<https://cloud.google.com/sql/docs/>)

[MySQL](https://cloud.google.com/sql/docs/mysql/) (<https://cloud.google.com/sql/docs/mysql/>) [Reference](#)



Method: instances.failover

instances.failover the instance to its failover replica instance.

HTTP request

POST

`https://www.googleapis.com/sql/v1beta4/projects/{project}/instances/{instance}/failover`

The URL uses [gRPC Transcoding](https://github.com/googleapis/googleapis/blob/master/google/api/http.proto)

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

Path parameters

Parameters

project	string ID of the project that contains the read replica.
instance	string Cloud SQL instance ID. This does not include the project ID.

Request body

The request body contains an instance of [InstancesFailoverRequest](#)

(<https://cloud.google.com/sql/docs/mysql/admin-api/rest/v1beta4/instances/failover#InstancesFailoverRequest>)

Response body

If successful, the response body contains an instance of [Operation](#) (<https://cloud.google.com/sql/docs/mysql/admin-api/rest/v1beta4/operations#Operation>).

Authorization Scopes

Requires one of the following OAuth scopes:

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

For more information, see the [Authentication Overview](#) (<https://cloud.google.com/docs/authentication/>).

InstancesFailoverRequest

Instance failover request.

JSON representation

```
{
  "failoverContext": {
    object (FailoverContext (https://cloud.google.com/sql/docs/mysql/admin-api/rest/v1beta4/instances/failover#FailoverContext)
  )
}
```

Fields

failoverContext	object (FailoverContext (https://cloud.google.com/sql/docs/mysql/admin-api/rest/v1beta4/instances/failover#FailoverContext)) instances.failover Context.
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FailoverContext

Database instance failover context.

JSON representation

```
{
  "settingsVersion": string,
  "kind": string
}
```

Fields

settingsVersion	string (<u>int64</u> (https://developers.google.com/discovery/v1/type-format) format)
	The current settings version of this instance. Request will be rejected if this version doesn't match the current settings version.
kind	string
	This is always sql#failoverContext

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