

[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.promoteMaster

Demotes the stand-alone instance to be a Cloud SQL read replica for an external database server.

HTTP request

POST

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

The URL uses [gRPC Transcoding](#)

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

Path parameters

Parameters	
project	string ID of the project that contains the instance.
instance	string Cloud SQL instance name.

Request body

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

(https://cloud.google.com/sql/docs/mysql/admin-

api/rest/v1beta4/instances/promoteMaster#InstancesPromoteMasterRequest)

.

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/>).

InstancesDemoteMasterRequest

Database demote master request.

JSON representation

```
{
  "demoteMasterContext": {
    object (DemoteMasterContext (https://cloud.google.com/sql/docs/mysql/admin-api/rest/v1beta4,
  )
}
```

Fields

demoteMasterContext	object (DemoteMasterContext (https://cloud.google.com/sql/docs/mysql/admin-api/rest/v1beta4/instances/demoteMaster#DemoteMasterContext)) Contains details about the demoteMaster operation.
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DemoteMasterContext

Database instance demote master context.

JSON representation

```
{
  "kind": string,
  "verifyGtidConsistency": boolean,
  "masterInstanceName": string,
  "replicaConfiguration": {
    object (DemoteMasterConfiguration)
  }
}
```

Fields

kind	string This is always sql#demoteMasterContext .
verifyGtidConsistency	boolean Verify GTID consistency for demote operation. Default value: True . Second Generation instances only. Setting this flag to false enables you to bypass GTID consistency check between on-premises master and Cloud SQL instance during the demotion operation but also exposes you to the risk of future replication failures. Change the value only if you know the reason for the GTID divergence and are confident that doing so will not cause any replication issues.
masterInstanceName	string The name of the instance which will act as on-premises master in the replication setup.

Fields

replicaConfiguration	object (DemoteMasterConfiguration https://cloud.google.com/sql/docs/mysql/admin-api/rest/v1beta4/instances/promoteMaster#DemoteMasterConfiguration)) Configuration specific to read-replicas replicating from the on-premises master.
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DemoteMasterConfiguration

Read-replica configuration for connecting to the on-premises master.

JSON representation

```
{
  "kind": string,
  "mysqlReplicaConfiguration": {
    object (DemoteMasterMySQLReplicaConfiguration (https://cloud.google.com/sql/docs/mysql/admin-api/rest/v1beta4/instances/promoteMaster#DemoteMasterMySQLReplicaConfiguration)
  )
}
```

Fields

kind	string This is always sql#demoteMasterConfiguration
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Fields

mysqlReplicaConfiguration	<p>object (DemoteMasterMySQLReplicaConfiguration (https://cloud.google.com/sql/docs/mysql/admin-api/rest/v1beta4/instances/demoteMaster#DemoteMasterMySQLReplicaConfiguration))</p> <p>MySQL specific configuration when replicating from a MySQL on-premises master. Replication configuration information such as the username, password, certificates, and keys are not stored in the instance metadata. The configuration information is used only to set up the replication connection and is stored by MySQL in a file named master.info in the data directory.</p>
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DemoteMasterMySQLReplicaConfiguration

Read-replica configuration specific to MySQL databases.

JSON representation

```
{
  "kind": string,
  "username": string,
  "password": string,
  "clientKey": string,
  "clientCertificate": string,
  "caCertificate": string
}
```

Fields

kind	<p>string</p> <p>This is always sql#demoteMasterMySQLReplicaConfiguration.</p>
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Fields	
username	string The username for the replication connection.
password	string The password for the replication connection.
clientKey	string PEM representation of the slave's private key. The corresponding public key is encoded in the client's certificate. The format of the slave's private key can be either PKCS #1 or PKCS #8.
clientCertificate	string PEM representation of the slave's x509 certificate.
caCertificate	string PEM representation of the trusted CA's x509 certificate.

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