

[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.clone

Creates a Cloud SQL instance as a clone of the source instance.

## HTTP request

POST

<https://www.googleapis.com/sql/v1beta4/projects/{project}/instances/{instance}/clone>

The URL uses [gRPC Transcoding](#)

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

## Path parameters

Parameters	
<b>project</b>	<b>string</b> Project ID of the source as well as the clone Cloud SQL instance.
<b>instance</b>	<b>string</b> The ID of the Cloud SQL instance to be cloned (source). This does not include the project ID.

## Request body

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

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

.

## 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/>).

## InstancesCloneRequest

Database instance clone request.

### JSON representation

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

### Fields

<b>cloneContext</b>	<b>object (<a href="https://cloud.google.com/sql/docs/mysql/admin-api/rest/v1beta4/instances/clone#CloneContext">CloneContext</a>)</b> ( <a href="https://cloud.google.com/sql/docs/mysql/admin-api/rest/v1beta4/instances/clone#CloneContext">https://cloud.google.com/sql/docs/mysql/admin-api/rest/v1beta4/instances/clone#CloneContext</a> ) )  Contains details about the clone operation.
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## CloneContext

Database instance clone context.

## JSON representation

```
{
  "kind": string,
  "pitrTimestampMs": string,
  "destinationInstanceName": string,
  "binLogCoordinates": {
    object (BinLogCoordinates (https://cloud.google.com/sql/docs/mysql/admin-api/rest/v1beta4/in
  )
}
```

## Fields

<b>kind</b>	<b>string</b> This is always <b>sql#cloneContext</b> .
<b>pitrTimestampMs</b>	<b>string (<a href="https://developers.google.com/discovery/v1/type-format">int64</a> format)</b> ( <a href="https://developers.google.com/discovery/v1/type-format">https://developers.google.com/discovery/v1/type-format</a> ) Reserved for future use.
<b>destinationInstanceName</b>	<b>string</b> Name of the Cloud SQL instance to be created as a clone.
<b>binLogCoordinates</b>	<b>object (<a href="https://cloud.google.com/sql/docs/mysql/admin-api/rest/v1beta4/instances/clone#BinLogCoordinates">BinLogCoordinates</a>)</b> ( <a href="https://cloud.google.com/sql/docs/mysql/admin-api/rest/v1beta4/instances/clone#BinLogCoordinates">https://cloud.google.com/sql/docs/mysql/admin-api/rest/v1beta4/instances/clone#BinLogCoordinates</a> ) Binary log coordinates, if specified, identify the position up to which the source instance should be cloned. If not specified, the source instance is cloned up to the most recent binary log coordinates.

## BinLogCoordinates

Binary log coordinates.

## JSON representation

```
{
  "binLogFileName": string,
  "binLogPosition": string,
  "kind": string
}
```

## Fields

<b>binLogFileName</b>	<b>string</b> Name of the binary log file for a Cloud SQL instance.
<b>binLogPosition</b>	<b>string (<a href="https://developers.google.com/discovery/v1/type-format">int64</a> format)</b> ( <a href="https://developers.google.com/discovery/v1/type-format">https://developers.google.com/discovery/v1/type-format</a> ) Position (offset) within the binary log file.
<b>kind</b>	<b>string</b> This is always <b>sql#binLogCoordinates</b>

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