

[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.listServerCas

Lists all of the trusted Certificate Authorities (CAs) for the specified instance. There can be up to three CAs listed: the CA that was used to sign the certificate that is currently in use, a CA that has been added but not yet used to sign a certificate, and a CA used to sign a certificate that has previously rotated out.

HTTP request

GET

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

The URL uses [gRPC Transcoding](#)

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

Path parameters

Parameters	
project	string Project ID of the project that contains the instance.
instance	string Cloud SQL instance ID. This does not include the project ID.

Request body

The request body must be empty.

Response body

If successful, the response body contains data with the following structure:

Instances instances.listServerCas response.

JSON representation

```
{
  "certs": [
    {
      object (SslCert (https://cloud.google.com/sql/docs/mysql/admin-api/rest/v1beta4/sslCerts#Ss
    )
  ],
  "activeVersion": string,
  "kind": string
}
```

Fields

certs[]	object (SslCert (https://cloud.google.com/sql/docs/mysql/admin-api/rest/v1beta4/sslCerts#SslCert)) backupRuns.list of server CA certificates for the instance.
activeVersion	string
kind	string This is always sql#instancesListServerCas .

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/>).

Except as otherwise noted, the content of this page is licensed under the [Creative Commons Attribution 4.0 License](https://creativecommons.org/licenses/by/4.0/) (<https://creativecommons.org/licenses/by/4.0/>), and code samples are licensed under the [Apache 2.0 License](https://www.apache.org/licenses/LICENSE-2.0) (<https://www.apache.org/licenses/LICENSE-2.0>). For details, see our [Site Policies](https://developers.google.com/terms/site-policies) (<https://developers.google.com/terms/site-policies>). Java is a registered trademark of Oracle and/or its affiliates.

Last updated December 9, 2019.