

[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: sslCerts.insert

Creates an SSL certificate and returns it along with the private key and server certificate authority. The new certificate will not be usable until the instance is restarted.

## HTTP request

### POST

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

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 project that contains the instance.
<b>instance</b>	<b>string</b> Cloud SQL instance ID. This does not include the project ID.

## Request body

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

(<https://cloud.google.com/sql/docs/mysql/admin-api/rest/v1beta4/sslCerts/insert#SslCertsInsertRequest>)

## Response body

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

SslCert insert response.

### JSON representation

```
{
  "kind": string,
  "operation": {
    object (Operation (https://cloud.google.com/sql/docs/mysql/admin-api/rest/v1beta4/operations#
  )},
  "serverCaCert": {
    object (SslCert (https://cloud.google.com/sql/docs/mysql/admin-api/rest/v1beta4/sslCerts#SslCe
  )},
  "clientCert": {
    object (SslCertDetail (https://cloud.google.com/sql/docs/mysql/admin-api/rest/v1beta4/sslCert
  )}
}
```

### Fields

<b>kind</b>	<b>string</b> This is always <b>sql#sslCertsInsert</b> .
<b>operation</b>	<b>object (<a href="https://cloud.google.com/sql/docs/mysql/admin-api/rest/v1beta4/operations#Operation">Operation</a></b> (https://cloud.google.com/sql/docs/mysql/admin-api/rest/v1beta4/operations#Operation) ) The operation to track the ssl certs insert request.
<b>serverCaCert</b>	<b>object (<a href="https://cloud.google.com/sql/docs/mysql/admin-api/rest/v1beta4/sslCerts#SslCert">SslCert</a></b> (https://cloud.google.com/sql/docs/mysql/admin-api/rest/v1beta4/sslCerts#SslCert) ) The server Certificate Authority's certificate. If this is missing you can force a new one to be generated by calling resetSslConfig method on instances resource.

## Fields

<b>clientCert</b>	<b>object</b> ( <a href="https://cloud.google.com/sql/docs/mysql/admin-api/rest/v1beta4/sslCerts/insert#SslCertDetail">SslCertDetail</a> (https://cloud.google.com/sql/docs/mysql/admin-api/rest/v1beta4/sslCerts/insert#SslCertDetail) )  The new client certificate and private key. For First Generation instances, the new certificate does not take effect until the instance is restarted.
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## 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/) (https://cloud.google.com/docs/authentication/).

## SslCertsInsertRequest

SslCerts insert request.

### JSON representation

```
{
  "commonName": string
}
```

## Fields

<b>commonName</b>	<b>string</b>  User supplied name. Must be a distinct name from the other certificates for this instance.
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# SslCertDetail

SslCertDetail.

## JSON representation

```
{
  "certInfo": {
    object (SslCert (https://cloud.google.com/sql/docs/mysql/admin-api/rest/v1beta4/sslCerts#SslCe
  ),
  "certPrivateKey": string
}
```

## Fields

<b>certInfo</b>	<b>object (<b>SslCert</b></b> ( <a href="https://cloud.google.com/sql/docs/mysql/admin-api/rest/v1beta4/sslCerts#SslCert">https://cloud.google.com/sql/docs/mysql/admin-api/rest/v1beta4/sslCerts#SslCert</a> ) )  The public information about the cert.
<b>certPrivateKey</b>	<b>string</b>  The private key for the client cert, in pem format. Keep private in order to protect your security.

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