

[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.createEphemeral

Generates a short-lived X509 certificate containing the provided public key and signed by a private key specific to the target instance. Users may use the certificate to authenticate as themselves when connecting to the database.

## HTTP request

### POST

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

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 Cloud SQL project.
<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 [SslCertsCreateEphemeralRequest](#)

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

## Response body

If successful, the response body contains a newly created instance of [SslCert](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>).

## 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/>).

## SslCertsCreateEphemeralRequest

SslCerts create ephemeral certificate request.

### JSON representation

```
{
  "public_key": string
}
```

### Fields

<b>public_key</b>	<b>string</b>
	PEM encoded public key to include in the signed certificate.

*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.*