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# How To Create a SSL Certificate on nginx for CentOS 6



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## About Self-Signed Certificates

A SSL certificate is a way to encrypt a site's information and create a more secure connection. Additionally, the certificate can show the virtual private server's identification information to visitors. Certificate Authorities can issue SSL certificates that verify the server's details; a self-signed certificate has no 3rd party corroboration.

## Intro

Make sure that nginx is installed on your VPS. If it is not, you can quickly install it with

Install the EPEL repository:

```
su -c 'rpm -Uvh http://dl.fedoraproject.org/pub/epel/6/x86_64/epel'
```

Install nginx

```
yum install nginx
```

## Step One—Create a Directory for the Certificate

The SSL certificate has 2 main parts: the certificate itself and the public key. To make the relevant files easy to access, we should create a directory to store them in:

```
sudo mkdir /etc/nginx/ssl
```

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