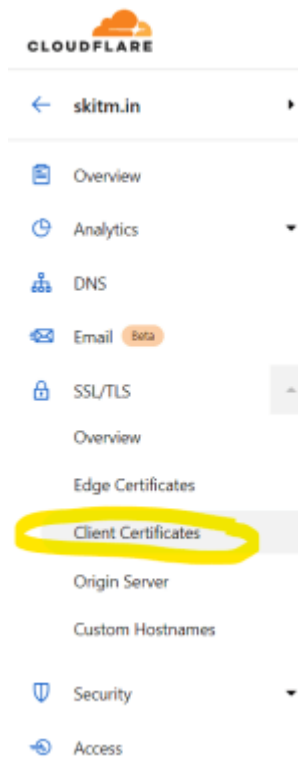


Published on: 2022/05/25

Login to cloudflare.com



SSL/TLS

Client Certificates

Client Certificates

Secure and authenticate your APIs and web applications with client certificates.
Block traffic from devices that do not have a valid client SSL/TLS certificate with mTLS rules.

Hosts

Choose which host(s) you wish to enable mTLS

None

[Edit](#)

Create Certificate

Create mTLS Rule

SSL/TLS

Client Certificates

[← Back](#)

Create client certificate

Private Key and Certificate Signing Request (CSR)

To generate a Client Certificate, you need a private key and CSR. Cloudflare can generate a key and CSR using your web browser, or you can use your own.

☒ Generate private key and CSR with Cloudflare

Private key type

RSA (2048) ▼

☐ Use my private key and CSR

Select a Certificate Authority (CA) to sign the client certificate

Certificate Authority

Cloudflare Managed CA ▼

Select a validity period for your certificate

Certificate Validity

10 Years ▼

Cancel

Create

SSL/TLS

Client Certificates

Client Certificate and Key Generation

Save the certificate and private key below to your client. To save, **Click to copy** and paste the contents into different files on your client, e.g. example.com.pem and example.com.key

Key Format

PEM

Certificate

```
-----BEGIN CERTIFICATE-----
MIIEFTCCAv2gAwIBAgIUB3C2AKkOr6YRylep561ZUjPYlgYwDQYJKoZIhvcNAQEL
BQAwgagxCzAJBgNVBAYTAlVTMRMwEQYDVQQIEwZDYWxpZm9ybmlhMRQwEgYDVQ
EwU1YTY4gRnJhbmNpc2NvMRkwFwYDVQQKEwBDbG91ZGZsYXJlLCBjb2N0bWVud
VQQLExU3d3cuY2xvdWRmbGFyZS5jb20xNDYyBgNVBAMTK01hbmFnZWQgQ0EgYzEx
MTcyZGU4MWQ2NWl4ZjA5Njk3YWRmMjU3ZWlzM2MwHhcNMjIwNTI1MTczNDAwWhcN
MjIwNTI1MTczNDAwWhcNMjIwNTI1MTczNDAwWhcNMjIwNTI1MTczNDAwWhcNMjIw
NTI1MTczNDAwWhcNMjIwNTI1MTczNDAwWhcNMjIwNTI1MTczNDAwWhcNMjIwNTI1
MTczNDAwWhcNMjIwNTI1MTczNDAwWhcNMjIwNTI1MTczNDAwWhcNMjIwNTI1MTcz
NDAwWhcNMjIwNTI1MTczNDAwWhcNMjIwNTI1MTczNDAwWhcNMjIwNTI1MTczNDAw
WhcNMjIwNTI1MTczNDAwWhcNMjIwNTI1MTczNDAwWhcNMjIwNTI1MTczNDAwWhcN
-----END CERTIFICATE-----
```

Click to copy

Private Key

```
-----BEGIN PRIVATE KEY-----
MIIEvgIBADANBgkqhkiG9w0BAQEFAASCBAwggSkAgEAAoIBAQC7NgIX3CFLHPWN
jVGHBr1O58ehpNoL745AxySEm7O1idnMdDMIOdtY8B5ZJ4rNyDyHo8BvQmeywMXF
nwNx1j0uxv5S7RNp7zGbvMzBjYgNcOI45N8UsUUm7wkTpI0bOk/MYPCoyzyTBzpZ
06y4So/iRajL4HpvJtBx9F47AqF9apDyjrQmqRnIrwK9bxB5G8jTqSHxChNMac3x
kRYsdneH8sY75v7pEScEAjWMG6DtE0RLmXJd9gaHxhggaQs0XJPuAzJ6gQeTiJ69
-----END PRIVATE KEY-----
```

Click to copy

Usage Instructions

For installation and usage instructions, visit our developer documentation on [using client certificates with API Shield](#)

OK

Related Posts:

1. How to create a subdomain in Cloudflare
2. How to generate origin certificates in Cloudflare