

# SecureAuth CA Public Certificates

## Introduction

These are the SecureAuth CA Public Certificates to use for the SecureAuth IdP appliance, workstations, VPN integrations, and more. Download the necessary certificates here to apply to the required configuration.

In June 2015, SecureAuth moved its cloud services from a SHA-1 environment to SHA2-512. SecureAuth IdP 8.1+ appliances have the appropriate SHA2 information configured out-of-the-box, and appliances pre-8.1 can utilize the [Appliance Certificate Renewal Utility \(ACRU\)](#) to update the Operating System (OS) to support the SHA2 infrastructure. For pre-8.1 appliances, SecureAuth strongly recommends that customers upgrade their appliances to utilize the SHA2 services as soon as possible ([more information](#)).

Customers that use the SecureAuth Personal Certificates for VPN or Gateway device authentication can now use the standard SHA2-512 ECDSA or SHA2-384 RSA personal certificates. Contact SecureAuth support for more information regarding configuration changes needed for SHA2-384 RSA personal certificates.

Be sure to update the CA Certificates with the SHA2 hashed SSL certificates on the required resources (VPN, workstation, etc.) before running **ACRU**

Read the [SecureAuth Corporation Certificate Policy Statement](#) for more information.

## Certificate Zip Bundle

### [Download Certificate Zip Bundle - G3Certs.zip](#)

This bundle contains all the certificates used with a Standard SecureAuth IdP installation

- SecureAuth G3 Root Certificate Authority.cer (SHA2-512 ECDSA Signature, ECDSA\_P521 Public Key)
- SecureAuth G3 Intermediate Certificate Authority 1A.cer (SHA2-512 ECDSA Signature, RSA 2048 Public Key)
- SecureAuth G3 Intermediate Certificate Authority 2A.cer (SHA2-512 ECDSA Signature, RSA 2048 Public Key)
- SecureAuth G3 Intermediate Certificate Authority 3A.cer (SHA2-512 ECDSA Signature, RSA 2048 Public Key)
- SecureAuth G3 Intermediate Certificate Authority 4A.cer (SHA2-512 ECDSA Signature, RSA 2048 Public Key)
- SecureAuth G3 Intermediate Certificate Authority 1B.cer (SHA2-512 ECDSA Signature, RSA 2048 Public Key)
- SecureAuth G3 Intermediate Certificate Authority 2B.cer (SHA2-512 ECDSA Signature, RSA 2048 Public Key)
- SecureAuth G3 Intermediate Certificate Authority 3B.cer (SHA2-512 ECDSA Signature, RSA 2048 Public Key)
- SecureAuth G3 Intermediate Certificate Authority 4B.cer (SHA2-512 ECDSA Signature, RSA 2048 Public Key)

### [Download Certificate Zip Bundle - G3Certs\\_2.zip](#)

This bundle contains certificates that are used when non-Elliptical Curve ECDSA personal certificates are needed

*These certificates are not part of the Standard SecureAuth IdP installation*

- SecureAuth G3 Root Certificate Authority 2.cer (SHA2-384 RSA Signature, RSA 4096 Public Key)
- SecureAuth G3 Intermediate Certificate Authority 5A.cer (SHA2-384 RSA Signature, RSA 2048 Public Key)
- SecureAuth G3 Intermediate Certificate Authority 6A.cer (SHA2-384 RSA Signature, RSA 2048 Public Key)
- SecureAuth G3 Intermediate Certificate Authority 5B.cer (SHA2-384 RSA Signature, RSA 2048 Public Key)
- SecureAuth G3 Intermediate Certificate Authority 6B.cer (SHA2-384 RSA Signature, RSA 2048 Public Key)

## Root Certificate Authority (CA) Certificates



## SecureAuth G3 Root Certificate Authority Certificate 2 BLOB

```
-----BEGIN CERTIFICATE-----
MIIHpzCCBY+gAwIBAgIQOZ0/X4HHzL5N0hTp/UjWoJANBqkqhkiG9w0BAQwFADCB
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3JZBOLs6897F1g27C049uXqtULzS1U4c+Wzk3w/oZaSFm2AmTvtj3gnnz0jQRNZ
J00mOFNANXAIrCLGXYESQxZIGZQbgRchBFI11XXGFK7KiZUwfvPoe5Ka8w==
-----END CERTIFICATE-----
```

## Intermediate Certificate Authority (CA) Certificates

### SecureAuth G3 Intermediate Certificate Authority 1A: CRT File

**Full CRL:** [http://us-cloud.secureauth.com/CertInfo/SecureAuth G3 Intermediate Certificate Authority 1A.crl](http://us-cloud.secureauth.com/CertInfo/SecureAuth%20G3%20Intermediate%20Certificate%20Authority%201A.crl)

**Delta CRL:** [http://us-cloud.secureauth.com/CertInfo/SecureAuth G3 Intermediate Certificate Authority 1A+.crl](http://us-cloud.secureauth.com/CertInfo/SecureAuth%20G3%20Intermediate%20Certificate%20Authority%201A+.crl)

### SecureAuth G3 Intermediate Certificate Authority 2A: CRT File

**Full CRL:** [http://us-cloud.secureauth.com/CertInfo/SecureAuth G3 Intermediate Certificate Authority 2A.crl](http://us-cloud.secureauth.com/CertInfo/SecureAuth%20G3%20Intermediate%20Certificate%20Authority%202A.crl)

**Delta CRL:** [http://us-cloud.secureauth.com/CertInfo/SecureAuth G3 Intermediate Certificate Authority 2A+.crl](http://us-cloud.secureauth.com/CertInfo/SecureAuth%20G3%20Intermediate%20Certificate%20Authority%202A+.crl)

### SecureAuth G3 Intermediate Certificate Authority 3A: CRT File

**Full CRL:** [http://us-cloud.secureauth.com/CertInfo/SecureAuth G3 Intermediate Certificate Authority 3A.crl](http://us-cloud.secureauth.com/CertInfo/SecureAuth%20G3%20Intermediate%20Certificate%20Authority%203A.crl)

**Delta CRL:** [http://us-cloud.secureauth.com/CertInfo/SecureAuth G3 Intermediate Certificate Authority 3A+.crl](http://us-cloud.secureauth.com/CertInfo/SecureAuth%20G3%20Intermediate%20Certificate%20Authority%203A+.crl)

### SecureAuth G3 Intermediate Certificate Authority 4A: CRT File

**Full CRL:** [http://us-cloud.secureauth.com/CertInfo/SecureAuth G3 Intermediate Certificate Authority 4A.crl](http://us-cloud.secureauth.com/CertInfo/SecureAuth%20G3%20Intermediate%20Certificate%20Authority%204A.crl)

**Delta CRL:** [http://us-cloud.secureauth.com/CertInfo/SecureAuth G3 Intermediate Certificate Authority 4A+.crl](http://us-cloud.secureauth.com/CertInfo/SecureAuth%20G3%20Intermediate%20Certificate%20Authority%204A+.crl)

### SecureAuth G3 Intermediate Certificate Authority 1B: CRT File

**Full CRL:** [http://us-cloud.secureauth.com/CertInfo/SecureAuth G3 Intermediate Certificate Authority 1B.crl](http://us-cloud.secureauth.com/CertInfo/SecureAuth%20G3%20Intermediate%20Certificate%20Authority%201B.crl)

**Delta CRL:** [http://us-cloud.secureauth.com/CertInfo/SecureAuth G3 Intermediate Certificate Authority 1B+.crl](http://us-cloud.secureauth.com/CertInfo/SecureAuth%20G3%20Intermediate%20Certificate%20Authority%201B+.crl)

### SecureAuth G3 Intermediate Certificate Authority 2B: CRT File

**Full CRL:** [http://us-cloud.secureauth.com/CertInfo/SecureAuth G3 Intermediate Certificate Authority 2B.crl](http://us-cloud.secureauth.com/CertInfo/SecureAuth%20G3%20Intermediate%20Certificate%20Authority%202B.crl)

**Delta CRL:** [http://us-cloud.secureauth.com/CertInfo/SecureAuth G3 Intermediate Certificate Authority 2B+.crl](http://us-cloud.secureauth.com/CertInfo/SecureAuth%20G3%20Intermediate%20Certificate%20Authority%202B+.crl)

### SecureAuth G3 Intermediate Certificate Authority 3B: CRT File

**Full CRL:** [http://us-cloud.secureauth.com/CertInfo/SecureAuth G3 Intermediate Certificate Authority 3B.crl](http://us-cloud.secureauth.com/CertInfo/SecureAuth%20G3%20Intermediate%20Certificate%20Authority%203B.crl)

**Delta CRL:** [http://us-cloud.secureauth.com/CertInfo/SecureAuth G3 Intermediate Certificate Authority 3B+.crl](http://us-cloud.secureauth.com/CertInfo/SecureAuth%20G3%20Intermediate%20Certificate%20Authority%203B+.crl)

### SecureAuth G3 Intermediate Certificate Authority 4B: CRT File

**Full CRL:** [http://us-cloud.secureauth.com/CertInfo/SecureAuth G3 Intermediate Certificate Authority 4B.crl](http://us-cloud.secureauth.com/CertInfo/SecureAuth%20G3%20Intermediate%20Certificate%20Authority%204B.crl)

**Delta CRL:** [http://us-cloud.secureauth.com/CertInfo/SecureAuth G3 Intermediate Certificate Authority 4B+.crl](http://us-cloud.secureauth.com/CertInfo/SecureAuth%20G3%20Intermediate%20Certificate%20Authority%204B+.crl)

### SecureAuth G3 Intermediate Certificate Authority 5B: CRT File

**Full CRL:** [http://us-cloud.secureauth.com/CertInfo/SecureAuth G3 Intermediate Certificate Authority 5B.crl](http://us-cloud.secureauth.com/CertInfo/SecureAuth%20G3%20Intermediate%20Certificate%20Authority%205B.crl)

**Delta CRL:** [http://us-cloud.secureauth.com/CertInfo/SecureAuth G3 Intermediate Certificate Authority 5B+.crl](http://us-cloud.secureauth.com/CertInfo/SecureAuth%20G3%20Intermediate%20Certificate%20Authority%205B+.crl)

**SecureAuth G3 Intermediate Certificate Authority 6B: CRT File**

**Full CRL:** <http://us-cloud.secureauth.com/CertInfo/SecureAuth G3 Intermediate Certificate Authority 6B.crl>

**Delta CRL:** <http://us-cloud.secureauth.com/CertInfo/SecureAuth G3 Intermediate Certificate Authority 6B+.crl>

**SecureAuth G3 Intermediate Certificate Authority 1A Certificate BLOB**

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-----BEGIN CERTIFICATE-----
MIIGhDCCBeWgAwIBAgITPAAAAApBtBH9ZTVSewAAAAAACjAKBggqhkJOPQQDBDCB
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-----END CERTIFICATE-----
```

SecureAuth G3 Intermediate Certificate Authority 2A Certificate BLOB

-----BEGIN CERTIFICATE-----  
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IHVzZSBvbm5MR0wGwYDVQQLEXRDXJ0aWZpY2F0ZSBTZXJ2aWNlczExMC8GALUE  
AxMoU2VjdXJlQXV0aCBBMjB290IENlcnRpZmljYXRlIEFlbGhvcml0eTAeFw0x  
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cmVbdXR0IENvcnBvcnF0aW9uMUUwQAYDVQQLEzkoYykgMjAxNSBTZWN1cmVbdXR0  
IENvcnBvcnF0aW9uIC0gRm9yIGF1dGhvcml6ZWQgdXNlIG9ubHkxHTAbBgNVBASt  
FENlcnRpZmljYXRlIFNlcnZpY2VzMTwwOgYDVQQDEzNTZWN1cmVbdXR0IEczIElu  
dGVybwVkaWF0ZSBDb3Jwb3JhdGlvbiAtIEZvcjBhdXRob3JpemVkIENlcnRpZmlj  
DQEBAAQAA4IBDWAwwgEKAoIBAQC6ekxbggsr1ry7DU4daiCJl9OoBA4YjxhUr9eA  
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AQEETB3MHUGCCsGAQUFBzAChmlodHRwOi8vY2xvdWQuc2VjdXJlYXV0aC5jb20v  
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AkFOSr1XCKg/0/IwZGVUdJc01vDJY1Nxn9ANUbK5XVcz3pBKFwqHu5FyBvuG1Xmd  
jdsQTTyHMwLJRKEGEPBfAEwMjYJCAdEhpIGNw4201TNX2rpt43FectcDv4tUkag1  
lXapo7fEX4S2Pa5rtoGN0a2yWY5cg8VAy/XIHid0z5Cv9S57U2p  
-----END CERTIFICATE-----

**SecureAuth G3 Intermediate Certificate Authority 3A Certificate BLOB**

```
-----BEGIN CERTIFICATE-----
MIIGhDCCBeWgAwIBAgITPAAAAAsjFsn0fgIaSQAAAAAACzAKBggqhkJOPQQDBDCB
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**SecureAuth G3 Intermediate Certificate Authority 4A Certificate BLOB**

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-----END CERTIFICATE-----
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## Web.config RootCert and InterCert Key Values





