

# 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 (SHA2-512 ECDSA Signature, ECDSA\_P521 Public Key): [CRT File](#)

Full CRL: <http://us-cloud.secureauth.com/CertInfo/SecureAuth G3 Root Certificate Authority.crl>

SecureAuth G3 Root Certificate Authority 2 (SHA2-384 RSA Signature, RSA 4096 Public Key): [CRT File](#)

Full CRL: <http://us-cloud.secureauth.com/CertInfo/SecureAuth G3 Root Certificate Authority 2.crl>

### SecureAuth G3 Root Certificate Authority Certificate BLOB

```
-----BEGIN CERTIFICATE-----
MIIEEnDCCA/2gAwIBAgIQEskzdZfGzbZLnXThjJpIJTAKBggqhkJOPQQDBDCB6jEL
MAkGAlUEBhMCCVVMxEzARBgNVBAGTCkNhbG1mb3JuaWEXDzANBgNVBAcTBklydmlu
ZTEfMB0GA1UEChMWU2VjdXJlQXV0aCBDb3Jwb3JhdGlvb3JCMEEAGAlUECXM5KGMp
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MDExNzEwMjhaFw00NTA1MDExNzEwMjhaMDExNzEwMjhaMDExNzEwMjhaMDExNzEw
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dXR0IEN1cnRpZmljYXR1IEF1dGhvcml0eTAeFw0xNTA1MDExNzEwMjhaFw00NTA1
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NzEwMjhaFw00NTA1MDExNzEwMjhaFw00NTA1MDExNzEwMjhaFw00NTA1MDExNzEw
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MKhtxSlHRMpA2PoaLQJ0Q70Addvm3jq4seaCEW1L0JGEy5fk59KOh7Y7SNiwiPEU
UU0cCdDHxSNKRgd1Raaw18h7cFFVFlfQubBQgxV0fJhr8y6jggE+MIIBOjALBgNV
HQ8EBAMCAYYwDwYDVR0TAQH/BAUwAwEB/zAdBgNVHQ4EFgQUjg7/g/wyYfUs5puq
fxuqjiOrk78wEAYJKwYBBAGCNxUBBAMCAQAwgegGA1UdIASB4DCB3TCB2YgKwYB
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OrWTUgtOqg024BwXV6qVn1KA0o63DRQoVwNUWK5dlpk=
-----END CERTIFICATE-----
```

## SecureAuth G3 Root Certificate Authority Certificate 2 BLOB

```
-----BEGIN CERTIFICATE-----
MIIHpzCCBY+gAwIBAgIQOZ0/X4HHzL5N0hTp/UjWoJANBgkqhkiG9w0BAQwFADCB
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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 2A Certificate BLOB**

```
-----BEGIN CERTIFICATE-----
MIIGgzCCBeWgAwIBAgITPAAAAAy06X/JMjIdzwAAAAADDAKBggqhkJOPQQDBDCB
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IENvcnBvcnF0aW9uIC0gRm9yIGF1dGhvcml6ZWQgdXNlIG9ubHkxHTAbBgNVBASt
FENlcnRpZmljYXRlIFNlcnZpY2VzMTwwOgYDVQQDEzNTZWN1cmVbdXR0IEczIElu
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+XL0IK/G5itgnw813+xiKB65xi6vWEdUmJzHgW+ofXw4fD1cp71+X1tMOKozyU3b
+5pKPgrpsTc9GI6a0krQNCPRtcmBeXzGFj5X4x520mg0ONreFLB6kv0guEDf11/E
+JDxcvccmW+Rh7dUO5wJ5YHmVtWafM/BA/3GLH49YL8NZVR/AgMBAAGjggKQMIIC
jDAQBgkrBgEEAYI3FQEEAwIBADAdBgNVHQ4EFgQU6S1KI6k6VpmIch6UPInEwMS/
lP4wgegGALUdIASB4DCB3TCB2gYgKwYBBAGCNxUIgtSFG4GmyU2HjZsmh/fZG4KF
4kMBgxIwgbUwdAYIKwYBBQUHAgIwaB5mAFMAZQBjAHUAcgBlAEEAdQB0AGGAIABD
AG8AcgBwAG8AcgBhAHQAaQBVAG4AIABDAGUAcgB0AGkAZgBpAGMAYQB0AGUAIABQ
AG8AbABpAGMAeQAgAFMAABhAHQAZQBtAGUAbgB0MD0GCCsGAQUFBwIBFjFodHRw
Oi8vY2xvdWQuc2VjdXJlYXV0aC5jb20vQ2VydEluZm8vUG9saWN5LmFzZGhGAMB0G
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AQEEeTB3MHUGCCsGAQUFBzAChmlodHRwOi8vY2xvdWQuc2VjdXJlYXV0aC5jb20v
Q2VydEluZm8vVzEyLU9DM51HMLJDQS0xX1NlY3VyZUF1dGg1MjBhMyUyMFJvb3Q1
MjBjZDZlJ0aWZpY2F0ZSUyMEFlbGhvcml0eS5jcnQwCgYIKoZIzj0EAwQDgYsAMIGH
AkFOSr1XCKg/0/IwZGVUdJc01vDJY1Nxn9ANUbK5XVcz3pBKFwqHu5FyBvuG1Xmd
jdsQTTyHMwLJRKEGEPBfAEwMjYJCAdEhpIGNw4201TNX2rpt43FectcDv4tUkag1
lXapoJ7fEX4S2Pa5rtoGN0a2yWY5cg8VAy/XIHid0z5Cv9S57U2p
-----END CERTIFICATE-----
```



**SecureAuth G3 Intermediate Certificate Authority 4A Certificate BLOB**

```
-----BEGIN CERTIFICATE-----
MIIGgzCCBeWgAwIBAgITPAAAAA7c48tTAdtWAAAAAACTAKBggqhkJOPQQDBDCB
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dmluZTEfMB0GALUEChMWU2VjdXJlQXV0aCDBb3Jwb3JhdGlvbiAtIEZvcjBhdXRob3JpemVk
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FENlcnRmZmljYXRlIFNlcnZpY2VzMTwwOgYDVQQDEzNTZW51cmVbdXR0IEc3IElu
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## Web.config RootCert and InterCert Key Values





