

# 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](http://us-cloud.secureauth.com/CertInfo/SecureAuth%20G3%20Root%20Certificate%20Authority.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](http://us-cloud.secureauth.com/CertInfo/SecureAuth%20G3%20Root%20Certificate%20Authority%202.crl)

### SecureAuth G3 Root Certificate Authority Certificate BLOB

```
-----BEGIN CERTIFICATE-----
MIIEEnDCCA/2gAwIBAgIQEskzdZfGzbZLnXThjJpIJTAKBgqhkjOPQQDBDCB6jEL
MAkGALUEBhMCCVVMxEzARBgNVBAgTCKNhG1mb3JuaWEwDzANBgNVBAcTBklydmlu
ZTEfMB0GA1UEChMWU2VjdXJlQXV0aCBDb3Jwb3JhdGlvbjVjCMEAGALUECXM5KGMp
IDIwMTUgU2VjdXJlQXV0aCBDb3Jwb3JhdGlvbiAtIEZvcjBhdXR0b3JpemVkIHVz
ZSBvbmh5MjR0aWYyZDQ0LmVudC51aW50aW50aW50aW50aW50aW50aW50aW50aW50
U2VjdXJlQXV0aCBHMjY2OTIENlcnRpZmljYXRlIEF1dGhvcml0eTAeFw0xNTA1
MDExNzEwMjhaFw0NTA1MDExNzEwMjhaMDExNzEwMjhaMDExNzEwMjhaMDExNzEwMjha
CBMKQ2FsaWZvcml0eTAeFw0xNTA1MDExNzEwMjhaMDExNzEwMjhaMDExNzEwMjha
dXR0IEEnVcnBvcml0eTAeFw0xNTA1MDExNzEwMjhaMDExNzEwMjhaMDExNzEwMjha
cnBvcml0eTAeFw0xNTA1MDExNzEwMjhaMDExNzEwMjhaMDExNzEwMjhaMDExNzEwMjha
cnRpZmljYXRlIEF1dGhvcml0eTAeFw0xNTA1MDExNzEwMjhaMDExNzEwMjhaMDExNzEwMjha
Q2VydGlmYWV0aW50aW50aW50aW50aW50aW50aW50aW50aW50aW50aW50aW50aW50aW50
BNjaHpw3LGMuootgUQMc8nEtn3jk0fQNS5YIjRoCd5gEqoRLD2I294d3MVoIggms
MKhtxS1HRMpA2PoaLQJ0Q70Addvm3jq4seaCEW1L0JGEy5fk59KOh7Y7SNIwipEU
UU0cCdDHxSNKRgd1Raawl8h7cFFVf1fQubBQgxV0fJhr8y6jggE+MIIBOjALBgNV
HQ8EBAMCAYYwDwYDVR0TAQH/BAUwAwEB/zAdBgNVHQ4EFgQUjq7/g/wyYfUs5puq
fxuqjiOrk78wEAYJKwYBBAGCNxUBBAMCAQAwegegGA1UdIASB4DCB3TCB2YgKwYB
BAGCNxUIgtSFG4GmyU2HjZsmh/fZG4KF4kMBgxIwgbUwdAYIKwYBBQUHAgIwaB5m
AFMAZQBjAHUAcgBlAEeAdQB0AGgAIABDAG8AcgBwAG8AcgBhAHQAaQBvAG4AIABD
AGUAcgB0AGkAZgBpAGMAYQB0AGUAIAAQAG8AbABpAGMAeQAgAFMAdABhAHQAZQBt
AGUAbgB0MD0GCCsGAQUFBwIBFjFodHRwOi8vY2xvdWQuU2VjdXJlQXV0aC5jb20v
Q2VydEluZm8vUG9saWN5LmFzcHAgMAoGCCqGSM49BAMEA4GMADCBiAJCAVK6Ntad
AhOwPFZ1uPSIcO6RSWchsb915o0er3SxcdK3/YD5v07zhIZYx/HoDZGTy+SsAWI6
HSC3gJZNDLUGoarIAkIBmQVxJOSP1bmSyTaZP8n+U1HfrUnv6Smm2x0JQkj0CBqf
OrWTUgtOqgO24BwXV6qVn1KA0o63DRQoVwNUWK5dlpk=
-----END CERTIFICATE-----
```

**SecureAuth G3 Root Certificate Authority Certificate 2 BLOB**

```
-----BEGIN CERTIFICATE-----
MIIHpzCCBY+gAwIBAgIQOZ0/X4HHzL5N0hTp/UjWoJANBgkqhkiG9w0BAQwFADCB
7DELMaKGA1UEBhMCVVMxZzARBgNVBAgtCkNhbG1mb3JuaWEeXzANBgNVBAcTBkly
dmluZTEfMB0GA1UEChMWU2VjdXJlQXV0aCBBd3Jwb3JhdGlvb3JfCMEBAGAlUECxM5
KGMpIDlwMTcGU2VjdXJlQXV0aCBBd3Jwb3JhdGlvbiAtIEZvciBhdXRob3JpemVh
IHVzZSBvbmh5M5R0wGwYDVQQLZXJ0aWZpY2F0ZSBTZXJ2aWNlczEzZDEGA1UE
AxMqU2VjdXJlQXV0aCBBMmYBSb290IENlcnRpb24xQjBAbG9uYXNjaW50eSAYMB4X
DTE3MDIxNTAwMDYxM1oXDTE3MDIxNTAwMTMzMlowgexCzAJBgNVBAYTA1VTMRMw
EQYDVQOIIEwPDYXpZm9ybnlhmQ8wDQYDVQQHEWZJcnZpbmUxH2AdBgNVBAoTF1Nl
Y3VyZUF1dGggQ29ycG9yYXRpb24xQjBAbG9uYXNjaW50eSAYMDE3IFNlY3VyZUF1
dGggQ29ycG9yYXRpb24gLSBGb3IyYXV0aG9yaXplZCB1c2UgY25seTEdMBSGA1UE
CxMUQ2VydG1maWNhdGUGU2VydmljZXMxZmZlZmZlZmZlZmZlZmZlZmZlZmZlZmZl
Um9vdCBdZXJ0aWZpY2F0ZSBBDXRob3JpdHkgMjCCAIwDQYJKoZIhvcNAQEBBQAD
ggIPADCCAgocGgIBAM5tXI+C+8xkNEvGaqo7qUOpbdHZ/KOQoVz4RAziP19kNaaz
PvLadjqiEsPpXpHQyAI2oaLHR3oXtCrXZODMxEmES3Ahz0svkN8m3h0UPPQFf6RL
NhwGvXa7SIX/pUwcKR3gz/b9NWSvoAthXCFyJ01LkVcdi1YsXod3ZyValSu1Nha
bEGmO8e9V3eZXx+5TYDY53YRhb3DBi5pNI1Fv4laKa3d9SseAKdd3hzLyPjgWl7
MuuGGPfdZAwdeItt1fhtU4stdL6ubIQngfhCa392TDofSEwxNNEVA+v01SENnwlF
hjDBGU9Vl1ZJGKr5rCzZeHkdmD+XiU0riHlMe8A5ygZxrtn00LBYoj7468Kad1h
BcnTo+NUTXD21j4h1N+LbDwJek0oyCh5C12+oRuxRVuN/cwJR1C9rphoKcniBGsp
PyELWOWU7RQmbbJWVZigZwr6q54b1075ZhgRtBcUsCTFVK1NpZmGpH8s9NrSzwvy
utef3/MWOhmbNMZaAFqocGEysDhSPWuhuXfzBcosb4GJcOZN4I1EDOSsjo5mYOLg
Ns7lr4PqhX/t640R/xxqvul7gEskvvEalrjWgt+vAWHTfh9EH27mPM+C30ES1VRA
dnKydg7Ob1lQg8kd3ghnZ3FMctXdGt1t8uqJO89vGP3TdfknIi+SeDHmnC2xAgMB
AAGjggFBMIIBPTALBgNVHQ8EBAMCAYYwDwYDVR0TAAQH/BAUwAwEB/zAdBgNVHQ4E
FgQUNHht5GyVEdhRcWv1L3FYIkYF9AMwEAYJKwYBBAGCNxUBBAMCAQAwgesGA1Ud
IASB4zCB4DCB3QYgKwYBBAGCNxUIgtSFG4GmyU2HjZsmh/fZG4KF4kMBGxIwgbgw
dAYIKwYBBQUHAgIwaB5mAFMAZQBjAHUAcGBlAEEAdQB0AGgAIBADAG8AcgBwAG8A
cgBhAHQAaQBVAG4AIBADAGUAcGBlAEEAdQB0AGgAIBADAG8AcgBwAG8AIBADAG8A
eQAgAFMAZABhAHQAZQBtAGUAbG0MEAGCCsGAQUFBwIBFjRodHRwOi8vdXMtY2xv
dWQuU2VjdXJlQXV0aC5jb20vQ2VydEluZm8vUG9saWN5LmFzZG9uYXNjaW50eSAY
DQEBDAUAA4ICAQBH+V6Iist7B6irAhPclH7u37ZEUHQN7gNCuXF9nKfo9txXhLBP
AgQ6LU8PPH59dIHbP7QfpEwnvv6SOBfMcUtUlrwU3RzK/WfJzI4kuvTDkqj17t0e
1tA103QnHS782m/XQDfgpO+CV+gojGNZBLQDbiUtSnD4X613qFpAA/CYkZJWOfxH
cm6AHGhzI5mJuIt8XJDCAjMiHpTgqLRdfrk//i00y2dhPOQgB5j23YDjatZnn88U
9PnygO+uP/QOvMnjhl3GQKp4kPnlH5Z3EVeUdMvBPFkUIcpMtFeL5f/vv6boPLqh
jsQcm0h+nvZ0dgtIRBYuBeH71DZjGN3laY1Z56fkhuiIWI71S0PukLyJq9RuG+w
4lyI30rPT3qutNzsmKmk/9Eukkt7/ST588vAO6anMCMZnOkd7nCjNoTjzSQhwNE4
OlyhCJjmI1E192Ygnjda671t/lgcCC7YuYV1vKxR010eGlg/VGqc0036FyMkatdD
Jk2uuiGgEMQKswK+otdugdWq0hV5F1jyPieL6eKOnjEt8bOBB2CthJKDKjG7YzV
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**

```
-----BEGIN CERTIFICATE-----
MIIGhDCCBeWgAwIBAgITPAAAAAaPbtBH9ZTVSewAAAAAACjAKBggqhkJOPQQDBDCB
6jELMAkGALUEBhMCMVVMxezARBgNVBAgTCKNhG1mb3JuaWExDzANBgNVBAcTBkly
dm1uZTEfMB0GA1UEChMWU2VjdXJlQXV0aCBB3Jwb3JhdGlvbWJfcmEAGALUECxm5
KGMpIDlwMTUgU2VjdXJlQXV0aCBB3Jwb3JhdGlvbiAtIEZvcjBhZXR0b3JpemVk
IHVzZSBvbm5MR0wGwYDVQQLEXR0ZXJ0aWZpY2F0ZSBSTXJ2aW50aW50aW50aW50
AAMoU2VjdXJlQXV0aCBBhMyBSb290IENlcnRpZmljYXRlIEF1dGhvcml0eTAeFw0x
NTA1MTYyMDA0MDZaFw0yNTA1MTYyMDE0MDZaMIHlMQswCQYDVQQGEWJVUzETMBEG
A1UECBMkQ2FsaWZvcml5PTEPMA0GA1UEBxMGSXJ2aW51MR8wHQYDVQQKEzZTZW51
cmVbdXR0IENvcnBvcml0eTAeFw0yMjVjZDh0aW50aW50aW50aW50aW50aW50aW50
IENvcnBvcml0eTAeFw0yMjVjZDh0aW50aW50aW50aW50aW50aW50aW50aW50aW50
FENlcnRpZmljYXRlIFNlcnR0aW50aW50aW50aW50aW50aW50aW50aW50aW50aW50
dGVybnVkaWF0ZSB0ZXJ0aWZpY2F0ZSB0ZXJ0aW50aW50aW50aW50aW50aW50aW50
DQEBAAQAA4IBDWAwwgEKAoIBAQDejqhPSG34WbW8Bu3kxvW1D5Y0oLbOocz0j0qm
hzQ5u5hLKDnG2Wn79FFgRMS6VbXXeIXjBy4qI7NsTwtIdfKxd7nlCTnWRH9LpflY
bwpLPqnr2gr2dspt77uAQLybGvUz+GtsFicfXl1CpYFHDtFioF7gu5GGcYc4j8qe
QptwR5K4ZtJphhlqR6BcQTcryB6Xujo0ekOWEDwrs4PLH106bK7407W3BdovHR8
LvSLd8CEm6JVkt0VfMhMpCM799jnC4IBP92/BeCcsyoQN4tylxhqm7u8qpnWxr
jwz8YqaBRsmdbwY/+dPeYanrTMhyxCeQjAlqb7j8oJFjs54pAgMBAAGjggKQMIIC
jDAQBgkrBgEEAYI3FQEEAwIBADAdBgNVHQ4EFgQUUBjzzKpdcIGs56tp3qtiSaDGH
NywwgegGALUdIASB4DCB3TCB2gYgKwYBBAGCNxUIgtSFG4GmyU2HjZsmh/fZG4KF
4kMBgxIwgbUwdAYIKwYBBQUHAgIwaB5mAFMAZQBjAHUAacgBlAEEAdQB0AGgAIABD
AG8AcgBwAG8AcgBhAHQAaQbVAG4AIABDAGUAcgB0AGkAZgBpAGMAyQB0AGUAIABQ
AG8AbABpAGMAeQAgAFMAgABhAHQAQZQBtAGUAbgB0MD0GCCsGAQUFBwIBFjFodHRw
Oi8vY2xvdWQuc2VjdXJlYXV0aC5jb20vQ2VydEluZm8vUG9saWN5LmFzZGh0aW50aW50
A1UdJQQWMBQGCCsGAQUFBwMBBggrBgEFBQcDAjAZBgkrBgEEAYI3FAIEDB4KAFMA
dQBIAEMAQTALEBgNVHQ8EBAMCAYYwEgYDVVR0TAQH/BAGwBgEB/wIBADAdBgNVHSMG
GDAWgBSOrv+/Djh9Szm6p/G6qOI6uTvzBqBgNVHR8EYzBhMF+gXaBbh1lodHRw
Oi8vY2xvdWQuc2VjdXJlYXV0aC5jb20vQ2VydEluZm8vU2VjdXJlQXV0aCUyMEcz
JTIwUm9vdCUyMENlcnRpZmljYXRlJTIwQXV0aG9yaXR5LmNybDZBhQYIKwYBBQUH
AQEEeTB3MHUGCCsGAQUFBzACHmlodHRwOi8vY2xvdWQuc2VjdXJlYXV0aC5jb20v
Q2VydEluZm8vVzEyLU9DMs1HMLJDQS0xXlNlY3VyZUF1dGg1MjBhMjUyYzVjZDh0aW50aW50
MjBjZDh0aW50aW50aW50aW50aW50aW50aW50aW50aW50aW50aW50aW50aW50aW50aW50
MjBjZDh0aW50aW50aW50aW50aW50aW50aW50aW50aW50aW50aW50aW50aW50aW50aW50
AkIB8BnpfEOKTJsejVqEKnnYqg5Pmb80B9ySmpNJUR/UqjhJ064/ZHSC/0ByqzK
Ciz/ushC0ek3Upp/OvieYp3YUBUCQgHehF7Jtk8Hh3IHmizjSx+JcE071xep8Pv
cvazTQlI4SghSJQpPwphfkvNhVWpB4WmkwEU69uvd6tJI0sXDqLCSw==
-----END CERTIFICATE-----
```

**SecureAuth G3 Intermediate Certificate Authority 2A Certificate BLOB**

```
-----BEGIN CERTIFICATE-----
MIIGgzCCBeWgAwIBAgITPAAAAAy06X/JMjIdzwAAAAADDAKBggqhkJOPQQDBDCB
6jELMAkGALUEBhMCMVVMxExARBgNVBAgTCkNhbG1mb3JuaWEeXzANBgNVBAcTBkly
dmluZTEfMB0GA1UEChMWU2VjdXJlQXV0aCBBd3Jwb3JhdGlvbiAtIEZvciBhdXRob3JpemVk
IHVzZSBvbm5MR0wGwYDQQLExRDZXXJ0aWZpY2F0ZSBTZXJ2aWNlczExMC8GA1UE
AxMoU2VjdXJlQXV0aCBBhMyBSb290IENlcnRpZmljYXRlIEFlbGhvcml0eTAeFw0x
NTA1MjcNzMyNDdaFw0yNTA1MjcNzQyNDdaMIH1MQswCQYDQQQGEwJVUzETMBEG
A1UECBMkQ2FsaWZvcn5pYTEPMA0GA1UEBxMGSXJ2aW5lMR8wHQYDQVQKExZTZWZWN1
cmVbdXR0IENvcnBvcnF0aW9uMUUwQAYDQVQLEzkoYykgMjAxNSBTZWZWN1cmVbdXR0
IENvcnBvcnF0aW9uIC0gRm9yIGF1dGhvcml6ZWQgdXNlIG9ubHkxHTAbBgNVBASt
FENlcnRpZmljYXRlIFNlcnZpY2VzMTwwOgYDQVQDEZNTZWZWN1cmVbdXR0IEcZIElu
dGVybwVkaWF0ZSBdZXJ0aWZpY2F0ZSBBDXR0b3JpdHkgMkEwggeiMA0GCSqGSIb3
DQEBAQUAA4IBDwAwggEKAoIBAQC6ekxbggsr1ry7DU4daiCJl9OoBA4YjxhUr9eA
PxfX+0i6rXDU9OusD20d6Dg2wdaKBTEyPXs6+2AwwJxp3FxxROX9KIpg3e0uv06d
J/fmm/lCmSZkf6G990tFGT7yVuWbqS7Pj+03IshCP1u58W1SuntOyW+vF/78SCwr
+XL0IK/G5itgnw813+xiKB65xi6vWEdUmJzHgW+ofXw4fD1cp71+X1tMOKozyU3b
+5pKPgrpsTc9GI6a0krQNCPRtcmBeXzGFj5X4x520mg0ONreFLB6kv0guEDf11/E
+JDxcvccmW+Rh7dUO5wJ5YHmVtWafM/BA/3GLH49YL8NZVR/AgMBAAGjggKQMIIC
jDAQBgkrBgEEAYI3FQEEAwIBADAdBgNVHQ4EFgQU6S1KI6k6VpmIch6UPInEwMS/
lP4wgegGAlUdIASB4DCB3TCB2gYgKwYBBAGCNxUIgtSFG4GmyU2HjZsmh/fZG4KF
4kMBgxIwgbUwdAYIKwYBBQUHAgIwaB5mAFMAZQBjAHUAcgb1AEEdQB0AGGAIABD
AG8AcgBwAG8AcgBhAHQAaQBVAG4AIABDAGUAcgb0AGkAZgBpAGMAYQB0AGUAIABQ
AG8AbABpAGMAeQAgAFMAABhAHQAZQBtAGUAbgB0MD0GCCsGAQUFBwIBFjFodHRw
Oi8vY2xvdWQuc2VjdXJlYXV0aC5jb20vQ2VydEluZm8vUG9saWN5LmFzZGhGAMB0G
AlUdJQQWMBQGCCsGAQUFBwMBBggrBgEFBQcDAjAZBgkrBgEEAYI3FAIEDB4KAFMA
dQBIAEMAQTALBgNVHQ8EBAMCAYYwEgYDVR0TAAQH/BAGwBgEB/wIBADAFBgNVHSME
GDAWgBSOrv+D/DJh9Szm6p/G6qOI6uTvzBqBgNVHR8EYzBhMF+gXaBbh1lodHRw
Oi8vY2xvdWQuc2VjdXJlYXV0aC5jb20vQ2VydEluZm8vU2VjdXJlQXV0aCUyMEcz
JTIwUm9vdCUyMENlcnRpZmljYXRlJTIwQXV0aG9yaXR5LmNybDdBhQYIKwYBBQUH
AQEEdTB3MHUGCCsGAQUFBzAChmlodHRwOi8vY2xvdWQuc2VjdXJlYXV0aC5jb20v
Q2VydEluZm8vVzEyLU9DM51HMLJDQS0xX1NlY3VyZUF1dGg1MjBhMyUyMFJvb3Q1
MjBdZXJ0aWZpY2F0ZSUyMEFlbGhvcml0eS5jcnQwCgYIKoZIzj0EAwQDgYsAMIGH
AkFOSr1XCKg/0/IwZGVUdJc01vDJY1Nxn9ANUbK5XVcz3pBKFWqHu5FyBvuG1Xmd
jdsQTtYHMwLJRKEGepBfaEwmYgJcAdEhpIGNw4201TNX2rpt43FectcDv4tUkag1
lXapo7fEX4S2Pa5rtoGN0a2yWY5cg8VAy/XIHid0z5Cv9S57U2p
-----END CERTIFICATE-----
```

SecureAuth G3 Intermediate Certificate Authority 3A Certificate BLOB

```
-----BEGIN CERTIFICATE-----
MIIGhDCCBeWgAwIBAgITPAAAAAsjFsn0fgIaSQAAAAAACzAKBggqhkJOPQQDBDCB
6jELMAkGALUEBhMCMVVMxExzARBgNVBAgTCKNhbGlm3JuaWEExDzANBgNVBAcTBkly
dmluZTEfMB0GA1UEChMWU2VjdXJlQXV0aCBDb3Jwb3JhdGlvbjFjCMEBAGALUECXM5
KGMpIDiWMTUgU2VjdXJlQXV0aCBDb3Jwb3JhdGlvbiAtIEZvcjBhdXRob3JpemVk
IHVzZSBvbm5MR0wGwYDQQLExRDZXXJ0aWZpY2F0ZSBTZXXJ2aWNlczExMC8GA1UE
AxMoU2VjdXJlQXV0aCBHMyBSb290IENlcnRpZmljYXRlIEFlbGhvcml0eTAeFw0x
NTA1MTYyMDE5MzFaFw0yNTA1MTYyMDI5MzFaMIHlMQswCQYDQQQGEwJVUzETMBEG
ALUECBMKQ2FsaWZvc5pYTEPMA0GA1UEBxMGSXJ2aW5lMR8wHQYDQVQKExZTZWN1
cmVbdXR0IENvcnBvcnF0aW9uMUUwQAYDQVQLEzkoYykgMjAxNSBTZWN1cmVbdXR0
IENvcnBvcnF0aW9uIC0gRm9yIGF1dGhvcml6ZWQgdXNlIG9ubHkxHTAbBgNVBASt
FENlcnRpZmljYXRlIFNlcnZpY2VzMTwwOgYDQVQDEzNTZWN1cmVbdXR0IEczIElu
dGVyYbWVkaWF0ZSBDb3Jwb3JhdGlvbiAtIEZvcjBhdXRob3JpZm90eG90eG90eG90
DQEBQUAA4IBDwAwggEKAoIBAQDmttVA/0Dakxthxbri7+IGXM5E5/JwBwclp0NX
CYITEYU8xMUU34PNU07zARJZs jyv4Rqvphe9AFseVnYV7MKXuZHRNvq0dc4o3x2y
lyT28sqI/DiNawte2DDunWFFFLbxxW2WsgKJdVJsbfWlezAff6K4r1kPp6UliHqW
2fxRrFTGMYJiqB85dQTgmBPDLEouQAdey/Jk8pGLBrDSfwt4WWHspn2dLqPAB8x
/8HfaerpzuH7f8hhf3FNN8a0QsY6qFx2/4eUrwIBnhFivKSlwyQ8bZ8NVhZWRGfM
FW3cCwT3OV8IEzrRLPhDP+YU2xdpBbkB1V+nmyoc5Mo3XzOFAgMBAAGjggKQMIIC
jDAQBgkrBgEEAYI3FQEEAwIBADAdBgNVHQ4EFgQUtZg4+ZLu90K/FS8fqIGiw6BV
7aQwgegGALUdIASB4DCB3TCB2gYgKwYBBAGCNxUIgtSFG4GmyU2HjZsmh/fZG4KF
4kMBgxIwgbUwdAYIKwYBBQUHAgIwaB5mAFMAZQBjAHUAcgb1AEEAdQB0AGGAIABD
AG8AcgBwAG8AcgBhAHQAaQBvAG4AIAIABDAGUAcgB0AGkAZgBpAGMAYQB0AGUAIABQ
AG8AbABpAGMAeQAgAFMAcABhAHQAZQBtAGUAbgB0MD0GCCsGAQUFBwIBFjFodHRw
Oi8vY2xvdWQuc2VjdXJlYXV0aC5jb20vQ2VydEluZm8vUG9saWN5LmFzZG90ZG90
A1UdJQOWMBQGCCsGAQUFBwMBBggrBgEFBQcDAjAZBgkrBgEEAYI3FAIEDB4KAFMA
dQBIAEMAQTALBgNVHQ8EBAMCAYYwEgYDVR0TAAQH/BAGwBgEB/wIBADAFBgNVHSME
GDAWgBSOrv+D/DJh9Szm6p/G6qOI6uTvzBqBgNVHR8EYzBhMF+gXaBbh1lodHRw
Oi8vY2xvdWQuc2VjdXJlYXV0aC5jb20vQ2VydEluZm8vU2VjdXJlQXV0aCUyMEcz
JTIwUm9vdCUyMENlcnRpZmljYXRlJTlWQXV0aG9yaXR5LmNyYbDCBhQYIKwYBBQUH
AQEEeTB3MHUGCCsGAQUFBzAChmlodHRwOi8vY2xvdWQuc2VjdXJlYXV0aC5jb20v
Q2VydEluZm8vVzEyLU9DMS1HMLJlJ0Q30xX1NlY3VyZUF1dGdlMjBhMjYyYUyMFJvb3Q1
MjBkZXXJ0aWZpY2F0ZSUyMEFlbGhvcml0eS5jcjQwYyIKoZIZj0EAWQDgYwAMIGI
AkIAtAyRROCHLYdxh1XmUyivfm7cSfBS2gRIipuRkk6BX/F78gfbbw+8dWsFpzOD
7QH+Jji4OY/pgVrkv3dYz949ypsCQgCQIJId9+LEyHYLU16I2S6aNFk2HtCpfCAI
ADXVTDsx2WxoqhmmDXWE+F9ekf9bJjTuje5mYskbu+bGarhZLWZzOA==
-----END CERTIFICATE-----
```

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

```
-----BEGIN CERTIFICATE-----
MIIGgzCCBeWgAwIBAgITPAAAAA7c48tTAdtWAAAAAACTAKBggqhkJOPQQDBDCB
6jELMAkGALUEBhMCMVVMxExARBgNVBAgTCKNhbg1mb3JuaWEeXzANBgNVBAcTBkly
dmluZTEfMB0GALUEChMWU2VjdXJlQXV0aCBB3Jwb3JhdGlvbWJfCMEBAGALUECmM5
KGMpIDiWMTUgU2VjdXJlQXV0aCBB3Jwb3JhdGlvbiAtIEZvcjBhdXRob3JpemVk
IHVzZSBvbm5MR0wGwYDQQLExRDZXXJ0aWZpY2F0ZSBTZXJ2aWNlczExMC8GALUE
AxMoU2VjdXJlQXV0aCBBhMyBSb290IENlcnRpZmljYXRlIEFlbGhvcml0eTAeFw0x
NTA1MTYxOTE3MTlaFw0yNTA1MTYxOTI3MTlaMlhlMQswCQYDQQQGEWJVUzETMBEG
ALUECBMkQ2FsaWZvcM5pYTEPMA0GALUEBxMGSXJ2aW5lMR8wHQYDQVQKExZTZWZWN1
cmVbdXR0IENvcnBvcnF0aW9uMUUwQAYDQVQLEzkoYykgMjAxNSBTZWZWN1cmVbdXR0
IENvcnBvcnF0aW9uIC0gRm9yIGF1dGhvcml6ZWQgdXNlIG9ubHkxHTAbBgNVBASt
FENlcnRpZmljYXRlIFNlcnZpY2VzMTwwOgYDQVQDEZNTZWZWN1cmVbdXR0IEcZIElu
dGVyYbWVkaWF0ZSBBDZXXJ0aWZpY2F0ZSBBDXR0b3JpdHkgNEEwgGEMa0GCSGSIb3
DQEBAQUAA4IBDwAwggEKAoIBAQc9pPht70DuJ8YdHE3cEhBupVhRNGSbd/v5Abbw
cTv6SKZAtmmAtPQCp3Gze5ZmX584Inv457LdJrslWb1+VC2pRBI6ThXDOiilBmoP
WIFktVg5CjSArxg90da9yzE9GEE+urLcLNxwK4R/P96h4bvNqESPXki2YDHSEuU
IaYqzqQnJht79+dvVfTfsVij/AZ1Uus4guys4x900qk9D/zSrYR5WFyk8XV9cYyK
okJ6tYbTVlh9fjLSFWLtlqgtkIuHMTzzgzLmtHUDA8efxjn5YlBACxXOJEL5Ejvb
mJRoi8OWFiYl0hgPIlrwcGRE9L0imT2faCd75js0sMok1/HZAgMBAAGjggKQMIIC
jDAQBgkrBgEeAYI3FQEEAwIBADAdBgNVHQ4EFgQU4nlv5rN7j6oekQHsStqSOori
uCUwgegGALUdIASB4DCB3TCB2gYgKwYBBAGCNxUIgtSFG4GmyU2HjZsmh/fZG4KF
4kMBgxIwgbUwdAYIKwYBBQUHAgiwaB5mAFMAZQBjAHUAcgBlAEeAdQB0AGGAIABD
AG8AcgBwAG8AcgBhAHQAaQbVAG4AIABDAGUAcgB0AGkAZgBpAGMAYQB0AGUAIABQ
AG8AbABpAGMAeQAgAFMAAbhAHQAZQBtAGUAbgB0MD0GCCsGAQUFBwIBFjFodHRw
Oi8vY2xvdWQuc2VjdXJlYXV0aC5jb20vQ2VydEluZm8vUG9saWN5LmFzZGhGAMB0G
ALUdJQQWMBQGCCsGAQUFBwMBBggrBgEFBQcDAjAZBgkrBgEeAYI3FAIEDB4KAFMA
dQBIAEMAQTALBgNVHQ8EBAMCAYYwEgYDVR0TAAQH/BAGwBgEB/wIBADAFBgNVHSME
GDAWgBSOrv+D/DJh9Szm6p/G6qOI6uTvzBqBgNVHR8EYzBhMF+gXaBbhllodHRw
Oi8vY2xvdWQuc2VjdXJlYXV0aC5jb20vQ2VydEluZm8vU2VjdXJlQXV0aCUyMEcz
JTIwUm9vdCUyMENlcnRpZmljYXRlJTIwQXV0aG9yaXR5LmNybDZCbHkYIkwYBBQUH
AQEeTB3MHUGCCsGAQUFBzAChmlodHRwOi8vY2xvdWQuc2VjdXJlYXV0aC5jb20v
Q2VydEluZm8vVzEyLU9DM5HMLJDQS0xL1NlY3VyZUF1dGg1MjBhMyUyMFJvb3Q1
MjBjZDZXXJ0aWZpY2F0ZSUyMEFlbGhvcml0eS5jcnQwCgYIKoZIzj0EAwQDgYsAMIGH
AkFDdu4kA/3NxGb3R5KqCcbUuBFQ+NF0altwiDzOCnZrRVDuzNgv7Qh3YBvgRZiZ
a/XY3HSQu82btd2RUG0Eoa9+AAJCALPg8iBrP09uS7gIuV87uyBmlg7Mv7IYOXGg
Yfm2fLODTP6ZxJ1rW6a0CfrElr6VVVlMHPpw2n+uRU65mriEBg2m
-----END CERTIFICATE-----
```



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

```
-----BEGIN CERTIFICATE-----
MIIGhDCCBeWgAwIBAgITPAAAAA0Nsbt7gT0WTgAAAAAADTAKBggqhkJOPQQDBDCB
6jELMAkGALUEBhMCMVVMxezARBgNVBAgTCKNhbg1mb3JuaWEeXzANBgNVBAcTBkly
dmluZTEfMB0GA1UEChMWU2VjdXJlQXV0aCBBd3Jwb3JhdGlvbiAtIEZvcjEhbnR0b3Jp
emVkaWZzZSBvbm5MR0wGwYDVQQLEXRkZXJ0aWZpY2F0ZSBSTXZJ2aWNlczExMCA1
UEAxMoU2VjdXJlQXV0aCBBhMyBSb290IENlcnRpZmljYXRlIEFlZGhvcml0eTAeFw0x
NTExMjQyMTUxNTZaFw0yNTExMjQyMTUxNTZaMjAxNTZaMlhlMQswCQYDVQQGEwJVUzET
MBEGAlUECBMkQ2FsaWZvcml5PTEPMA0GA1UEBxMGSXJ2aW5lMR8wHQYDVQQKEwZTZW
N1cmVbdXR0IENvcnBvcml0aW9uMUUwQAYDVQQLEzkoYykgMjAxNSBTZW51cmVbdXR0
IENvcnBvcml0aW9uIC0gRm9yIGF1dGhvcml6ZWQgdXNlIG9ubHkxHTAbBgNVBASt
FENlcnRpZmljYXRlIFNlcnZpY2VzMTwwOgYDVQQDEzNTZW51cmVbdXR0IEc3IElu
dGVyYbWVkaWF0ZSBBDXJ0aWZpY2F0ZSBBDXRob3JpdHkgMUWggEiMA0GCSqGSIb3
DQEBAQUAA4IBDwAwggEKAoIBAQQDxJvcyxlR2pv5cG0rLmAwv4B5RprfJVH/QFL/H
1L6gKF27l3je0rQgzvs0m9oUeqggew8EaCTM6yXgin85kIwdrJZwDur9DpyYoq24
tiKgF4wJXhdy9HoP+FrflU4dJ704lVk+3WZTOO1+YYPpKvvrT6brQZJA1qvkDjiAw
Xse2h59KDaAqzEFM4q6qHPVM47/hq8ID80s4kUJAahkKW0v0yBGJvdSgjt1S92fn
UJiYtmMAOFTMSQCtXejwOUatVVmrCTVy0HhLBywSQWnq2TPDwSYA6But4Lq8Gail
fTQUWTU8oFRpKTAPFacyg5//cnqLGIdYXwUwlgMN6jYP3B5rAgMBAAGjggKQMIIC
jDAQBgkrBgEEAYI3FQEEAwIBADAdBgNVHQ4EFgQUtOInVDARUgiyKfHLNVXDBCRw
6DMwgegGAlUdIASB4DCB3TCB2gYgKwYBBAGCNxUIgtSFG4GmyU2HjZsmh/fZG4KF
4kMBgxIwgbUwdAYIKwYBBQUHAgiIwaB5mAFMAZQBjAHUAcGBlAEEdQB0AGGAIABD
AG8AcgBwAG8AcgBhAHQAaQBVAG4AIABDAGUAcgB0AGkAZgBpAGMAYQB0AGUAIABQ
AG8AbABpAGMAeQAgAFMAAdABhAHQAZQBtAGUAbgB0MD0GCCsGAQUFBwIBFjFodHRw
Oi8vY2xvdWQuc2VjdXJlYXV0aC5jb20vQ2VydEluZm8vUG9saWN5LmFzZGh0b3R0
A1UdJQOWMBQGCCsGAQUFBwMBBggrBgEFBQcDAjAZBgkrBgEEAYI3FAIEDB4KAFMA
dQBIAEMAQTALBgNVHQ8EBAMCAYYwEgYDVVR0TAQH/BAGwBgEB/wIBADAFBgNVHSME
GDAWgBSOrv+D/Jh9Szm6p/G6qOI6uTvzBqBgNVHR8EYzBhMF+gXabhhllodHRw
Oi8vY2xvdWQuc2VjdXJlYXV0aC5jb20vQ2VydEluZm8vU2VjdXJlQXV0aCUyMEcz
JTIwUm9vdCUyMENlcnRpZmljYXRlJTlwaXV0aG9yaXR5LmNybDZCbHkYIKwYBBQUH
AQEEeTB3MHUGCCsGAQUFBzAChmlodHRwOi8vY2xvdWQuc2VjdXJlYXV0aC5jb20v
Q2VydEluZm8vVzEyLU9DM51HMLJDQS0xX1NlY3VyZUF1dGg1MjBhMyUyMFJvb3Q1
MjBjZDZlJ0aWZpY2F0ZSUyMEFlZGhvcml0eS5jcnQwCgYIKoZIzj0EAwQDgYwAMIGI
AkIBspDAB/Z013scdmxwgrJvxp3mNEr99F96kSZU82CvckDlzVUZmaOtTWhDYpGo
op6qafqyA914xEGWzXW1XFTzkRcCQgDf2v7rF8eJ6MJrIhBw91VQjo7gQCBy291K
/BET4nYnmZcGx9fOCwf7gOP2FJ4ThuyReH9391Jso0A6S9hd909rw==
-----END CERTIFICATE-----
```



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

```
-----BEGIN CERTIFICATE-----
MIIGhDCCBeWgAwIBAgITPAAAAA8rSE1r7uVxnQAAAAAADzAKBggqhkJOPQQDBDCB
6jELMAkGALUEBhMCMVVMxezARBgNVBAgTCKNhbg1mb3JuaWEeXzANBgNVBAcTBkly
dmluZTEfMB0GALUEChMWU2VjdXJlQXV0aCBDb3Jwb3JhdGlvbiAtIEZvcjBhdXRob3JpemVk
IHVzZSBvbm5MR0wGwYDQQLExRDZXXJ0aWZpY2F0ZSBTZXJ2aWNlczExMC8GALUE
AxMoU2VjdXJlQXV0aCBHMyBSb290IENlcnRpZmljYXRlIEF1dGhvcml0eTAeFw0x
NTEeMjQyMTUyMDJaFw0yNTEeMjQyMTUyMDJaMjAyMDJAMH1MQswCQYDQQQGEwJVUzETMBEG
ALUECBMkQ2FsaWZvc5pYTEPMA0GALUEBxMGSXJ2aW5lMR8wHQYDQVQKExZTZWZWN1
cmVbdXR0IENvcnBvcnF0aW9uMUUwQAYDQVQLEzkoYykgMjAxNSBTZWZWN1cmVbdXR0
IENvcnBvcnF0aW9uIC0gRm9yIGF1dGhvcml6ZWQgdXNlIG9ubHkxHTAbBgNVBASt
FENlcnRpZmljYXRlIFNlcnZpY2VzMTwwOgYDQVQDEzNTZWZWN1cmVbdXR0IEc3IElu
dGVybwVkaWF0ZSBdZXJ0aWZpY2F0ZSBBDXR0b3JpdHkgM0IwggEiMA0GCSqGSIb3
DQEBAQUAA4IBDwAwggEKAoIBAQDoegoxRq5BegYq2H1dHTsygQQ/Ioum0aSiPDzI
HxqQ2asUzXuvGpyI4qfpARkk7Y6o1r0KCTTze3g+pwmPms76ONS8+cyjeQ6l7MNC
7V5cZEWc9mZl0NS7j5V1vJdr825ZgCqwSiwN0cPLvt7bMmPERR3c8DHx7DRZun9
m+eF5K47ytxkdx/KPE4vUKdppQaZwbL6VRI5wG2nVtfxUHobmru9U6ifvQEPyveu
yOudbDYRjLeG7SfTtrdidtemrybFN/dNWiIdeWrz1BmU8oo01Xi40AdAZlngxVQ
Yb+SF0Hf7dB8z7CgNbFdcGu0wzxcumSA9OW6AuBFDWiC8qBRAGMBAAGjggKQMIIC
jDAQBgkrBgEEAYI3FQEEAwIBADAdBgNVHQ4EFgQUOv/AQsz0rPK+d1+NFgWrmFbf
dlMwgegGALUdIASB4DCB3TCB2gYgKwYBBAGCNxUIgtSFG4GmyU2HjZsmh/fZG4KF
4kMBgxIwgbUwdAYIKwYBBQUHAgIwaB5mAFMAZQBjAHUAcgBlAEEAdQB0AGGAIABD
AG8AcgBwAG8AcgBhAHQAaQBVAG4AIABDAGUAcgB0AGkAZgBpAGMAyQB0AGUAIABQ
AG8AbABpAGMAeQAgAFMAAdABhAHQAZQBtAGUAbgB0MD0GCCsGAQUFBwIBFjFodHRw
Oi8vY2xvdWQuc2VjdXJlYXV0aC5jb20vQ2VydEluZm8vUG9saWN5LmFzZG90AG8A
A1UdJQQWMBQGCCsGAQUFBwMBBggrBgEFBQcDAjAZBgkrBgEEAYI3FAIEDB4KAFMA
dQBIAEMAQTALEBgNVHQ8EBAMCAYYwEgYDVR0TAAQH/BAGwBgEB/wIBADAFBgNVHSME
GDAWgBSOrv+D/DJh9Szm6p/G6qOI6uTvzBqBgNVHR8EYzBhMF+gXaBbh1lodHRw
Oi8vY2xvdWQuc2VjdXJlYXV0aC5jb20vQ2VydEluZm8vU2VjdXJlQXV0aCUyMEcz
JTIwUm9vdCUyMENlcnRpZmljYXRlJTlwaXV0aG9yaXR5LmNybDZCbHkYIkwYBBQUH
AQEEeTB3MHUGCCsGAQUFBzAChmlodHRwOi8vY2xvdWQuc2VjdXJlYXV0aC5jb20v
Q2VydEluZm8vVzEyLU9DM5H1M1JDQS0xX1NlY3VyZUF1dGg1MjBHMjUyYjM3Q1
MjBkZXJ0aWZpY2F0ZSUyMEF1dGhvcml0eS5jcnQwCgYIKoZIzj0EAwQDgYwAMIGI
AkIA/tdfnHc8PDrYsEh/C1UqPre4UNPMJRwG68wQiupRDwcjgYaWmjmzG5fWLNvb
+aqcwTQBC7ghre jVMkLIle4jCdsCQgGcDFD/J3Rgi6MgzN6tnRcKxYHHibgb4/p6
I6hBb04tCzoipNGANKcGg/XRkyhiyNq5Gizt040QEsy6r34eSprWxg==
-----END CERTIFICATE-----
```





SecureAuth G3 Intermediate Certificate Authority 6B Certificate BLOB

```
-----BEGIN CERTIFICATE-----
MIIGDCCBgCgAwIBAgITUAAAAASJW2KZzKrkK2AAAAAABDANBgkqhkiG9w0BAQWF
ADCB7DELMAkGALUEBHMVVMxEZARBGNVBAgTCKNhbg1mb3JuaWEwDzANBgNVBAcT
Bklydm1uZTEfMB0GA1UEChMWU2VjdXJlQXV0aCBDb3Jwb3JhdGlvbiAtIEZvciBhdXRob3Jp
CXM5KGmpIDIwMTcgU2VjdXJlQXV0aCBDb3Jwb3JhdGlvbiAtIEZvciBhdXRob3Jp
emVkJHVzZSBvbm5MR0wGwYDVQQLEXRDXJ0aWZpY2F0ZSBTZXJ2aWNlc3EzZMDEG
A1UEAxMqU2VjdXJlQXV0aCBHMYSb290IENlcnRpZmljYXR1IEF1dGhvcml0eSAY
MB4XDTE3MDIxNjIwNTMxNjI3MDIxNjI3MDIxNjI3MDIxNjI3MDIxNjI3MDIxNjI3
MRMwEQYDVQIQIEwPZm9ybnhMq8wDQYDVQQHEWZJcnZpbmUxH3AdBgNVBAoT
FlNlY3V5ZUF1dGggQ29ycG9yYXRpb24xQjBAbG9uZmVudGhvcml0eSAYMDE3MDIx
ZUF1dGggQ29ycG9yYXRpb24xQjBAbG9uZmVudGhvcml0eSAYMDE3MDIxZUF1dGgg
A1UECxMUQ2VydG1maWNhdGUGU2VydmljZXMxPDA6BgNVBAMTM1NlY3V5ZUF1dGgg
RzMgSW50ZXJtZWZpYXR1IEF1dGhvcml0eSAYMDE3MDIxZUF1dGggRzMgSW50ZXJt
KozIhvcNAQEBAQADggEPADCCAQoCggEBAMEegKy/oSbQa4cVld8cJD25C0lRZIQj
klLBXPKyQK0a8aLydxPenSqvxdX017EY1JSSIHcuXMDb7Ginh4wnZfmx/xinQk/
GrLSUTH0QbuIPGJ8zwXDNXl9cYmfioSEer1JbiQXJPrpY0cteRjNnSvyc/HMeaO
SzbTY4y41kZb7FDjbeZ+2FnTm+HYx15hp8tU85vhHxBjhyVNV2625OMT7g0ui5iq
hMg3zXD5/o0XyxT0LgBGT05FW8h+voYJNghJxG7pW5Y1RkzjZfJq+zgkYwAx5Dmsp
aD/GUkWhiQxM5JOCObcnasRwMU9WrbZdUrHwX4pDNDv63OW+bKAh1o0CAwEAaAOC
AqYwggKiMBAGCSsGAQQBjGcVAQDDAgEAMB0GA1UdDgQWBQBhbfsXhaxOR1A73cb2
148TKHdWzjCB6wYDVR0gBIHjMIHGMlHdBiArBgEEAYI3FQiClIUbGgabJTYeNmyaH
99kbgocXiQwGdeJCBuDB0BggrBgEFBQcCAjBoHmYAUwBlAGMAdQByAGUAQQBlAHQA
aAAgAEMAbwByAHAAbwByAGEAdABpAG8AbgAgAEMAZQByAHQAaQBmAGkAYwBhAHQA
ZQAgAFAAbwBsAGkAYwB5ACAAUwB0AGEAdABlAG0AZQBuAHQwQAYIKwYBBQUHAgEW
NGh0dHA6Ly91cy1jbG91ZC5zZWN1cmVhdXRoLmNvbS9DZXJ0SW5mby9Qb2xpcY3ku
YXNweAAwMwYDVR0lBCwwKgYIKwYBBQUHAgEGCCsGAQUFBwMCCBgorBgEEAYI3FAIC
BggrBgEFBQcDBDAZBgkrBgEEAYI3FAIEEDB4KAFMAdQBiAEMAQTALBgNVHQ8EBAMC
AYYwEgYDVR0TAAQh/BAGwBgEB/wIBADafBgNVHSMEGDAWgBQ0ce3kbJUR2FFxa/Uv
cVgiRgX0AzBxBGNVHR8Ea jBoMGagZKBihmBodHRwOi8vdXMtY2xvdWQuc2VjdXJl
YXV0aC5jb20vQ2VydEluZm8vU2VjdXJlQXV0aCUyMEczJTUw9vdCUyMENlcnRp
ZmljYXR1JTUwQXV0aG9yaXR5JTUwMi5jcmwwfAYIKwYBBQUHAQEEdBuMGwGCCsG
AQUFBzAChmBodHRwOi8vdXMtY2xvdWQuc2VjdXJlYXV0aC5jb20vQ2VydEluZm8v
U2VjdXJlQXV0aCUyMEczJTUw9vdCUyMENlcnRpZmljYXR1JTUwQXV0aG9yaXR5
JTUwMi5jcnQwDQYJKoZIhvcNAQEMBAQADggIBAAVewHK2N3R8xCAPsyyXORJjPHqQ
GTeInEYAG0mYkBTTh0HRML66N1THJ2UNZag0kzv24iJXmAk2ykvUfL8fBRipiml
g6ROx3vVknIfaw+1SgKo jAf95VMQSQECmph1jhFr2dlPQTD5hVCiolk/w9K0okc
Co9o5vyNUdn5d/M6xKzh2LjTlWJA/3+W4TOMH+JCKqKiDw2Z1lenehEePzSdcH5V
8LdxbtC2Z0wax8B/w1v8Mwj2t7cfDmR5ynlt2U9peOD3Q44adGz13SH6PgLNzv2e
w2IOr/F3K/5kABRXNFN9+Bgg8v442Cry1VEMjqhdexoMviDR80AVLuzNhc3YpvI3
XqtK0YGF8H7FuGg1lfzPE6bmCwt8zSCTO81kfi54yDXXok5Q38LRohM/HyJX4de0
pfrC6UcuJpJ6Pb0ICUC+pR1yxVuID2BRVU4yUED1uUMorhqa9dBm00qV91PQ5h60
6zhwKQR76Wi03tnanv7aa5inBF1RBALQOsrTIUv1ZZ4iVdtQcCCwo1SbnQzDXtvc
072oc5xkjaHrnmthOR6zJu0yUGDvuSFpcqC4jNLmUrbrUcX8b/GLUYXGRjkzPOG
bucmLyLT1XS3GZeusWm+V5B05eck1v6mDOPi6emj7q09Fz5/Ps+Gc2iRjeLh01ZX
/NfkeJQhU1GLPuRt
-----END CERTIFICATE-----
```

## Web.config RootCert and InterCert Key Values





