

Updating Mac (OSX)
&
Firefox (Win, OSX, *nix)

**Department of Health & Human Services
IAM@HHS Program**

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Mac (OSX)

1. Start **Keychain Access** application (in Utilities folder within Applications folder).
2. Open "**System**" Keychain (Keychains are listed in upper left hand of window).
3. If "**System**" Keychain is locked, choose unlock (icon in upper left hand window) - you should be prompted for password if one is set - i.e. the admin password for your account unless you previously set a Keychain specific password.
4. Select "**Certificates**" as the category filter (Category is listed in mid left hand window).
5. Select the certificate titled "**Betrusted Production SSP CA A1**" with expiry **Oct 6, 2010** - delete this certificate (backspace, or **Edit** -> **Delete** from menu) - you may be prompted for a password i.e. the admin password for your account unless you previously set a Keychain specific Password.
6. If you have the "**Common Policy**" certificate with expiry **Oct 6, 2010** - delete this one also (same process as above).
7. Import the new certificate chain to the "**System**" Keychain (double-click the file provided, or **File** -> **Import** from menu & search for provided file) - you may be prompted for a password i.e. the admin password for your account unless you previously set a Keychain specific password.
8. Verify import - there should now be a "**Common Policy**" certificate with expiry **Oct 25, 2027**, and a "**Betrusted Production SSP CA A1**" with expiry **Jun 25, 2018**.
9. You may wish to set trust settings on the "**Common Policy**" certificate - (double-click or **File** -> **Get Info** from the menu) to view details.

Click small triangle next to "Trust" in the view window, to see the expanded trust settings. If "System Defaults" is selected, you may wish to choose "Always Trust" for everything or at least for SSL, S/MIME, EAP, IPsec, X.509 Basic Security & potentially Code Signing

NOTE: Some versions of OSX are known to have a Keychain "refresh" issue - if you delete a certificate and it does not disappear, you may need to close and restart the Keychain Access application to see the results or to try the process again. The same may also happen for the import of the new P7B file, if the new file(s) do not appear, restart the Keychain Access application and try it again.

Firefox (Win, OSX, *nix)

1. Open the Certificate Manager (CM) interface
 - (a) On Windows, CM is **Tools -> Options -> Advanced -> Encryption -> View Certificates** from the menu
 - (b) On Unix/Linux or OSX, CM is **Firefox -> Preferences -> Advanced -> Encryption -> View Certificates** from the menu
2. Select the "**Authorities**" tab, scroll down to the "**U.S. Government**" organization list
3. Select the certificate titled "**Betrusted Production SSP CA A1**", click "**View**" to verify it expires **10/6/2010**, click "**Close**", click "**Delete**", yes to "are you sure" prompt
4. Select the certificate titled "**Common Policy**", click "**View**" if it also expires on **10/6/2010**, click "**Close**", click "**Delete**", yes to "are you sure" prompt
5. If you deleted the "**Common Policy**" certificate in Step 4, then import the provided "CommonPolicy.cer" file (see next page for file contents) by choosing "**Import**", browse to provided file, "**Open**" - when prompted to set trust settings, select all 3 checkboxes and OK
6. Import the new certificate chain (provided) by choosing "**Import**", browse to provided "**Betrusted_new.P7B**" file, "**Open**" - when prompted to set trust settings for the "**Betrusted Production SSP CA A1**", select all 3 checkboxes and OK
7. Verify import - there should now be a "**Common Policy**" certificate with expiry **Oct 25, 2027**, and a "**Betrusted Production SSP CA A1**" with expiry **Jun 25, 2018**

NOTE: Some versions of FF have a refresh issue for their certificate store - after deleting a root certificate, you may need to close the Certificate Manager and re-open it in order to import a newer certificate by the same name. This may be important for Steps 5 & 6 above.

Here is the cert - just paste to a new file:

```
-----BEGIN CERTIFICATE-----
MIIDoTCCAomgAwIBAgIQKTZHquOKrIZKI1byyrdhrzANBgkqhkiG9w0BAQUFADBO
MQswCQYDVQQGEwJ1czEYMBYGA1UEChMPVS5TLiBHb3Zlcm5tZW50MQ0wCwYDVQQLEw
EwRGQkNBMRYwFAYDVQQDEw1Db21tb24gUG9saWN5MB4XDTA3MTAxNTE1NTgwMFoX
DTI3MTAxNTE2MDgwMFowTjEELMAkGA1UEBhMCdXMxGDAWBgNVBAoTD1UuUy4gR292
ZXJubWVudDENMASGA1UECXMERkJDQTEWMBQGA1UEAxMNQ29tbW9uIFBvbG1jeTCC
ASIwDQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBAJeNvTMn5K1b+3i9L0dHbsd4
6ZOcpN7JHP0vGzk4rEcXwh53KQA7Ax9oD81Npe53uCxiazH2+nIJfTApBznfKM9
hBiKHa4skqgf6F5PjY7rPxr4nApnnbBnTfAu0DDew5SwoM8uCjR/VAnTnr2kSVdS
c+md/uRIeUYbw40y5KVIzPMiDZKdCBW/YDyD90ciJSKtKXG3d+8XyaK21F7IMJcK
FEhcV1cLQUwF1CpMP64Sm1kRdXAHImktLNMxzJJ+zM2kfpRHqpwJCPZLr1LoakCR
xVW9QLHIbVeGlRfmH3O+Ry4+i0wXubklHKVSFzYIWcBCvgortFZRPBtVyYyQd+sC
AwEAAAN7MHkwDgYDVR0PAQH/BAQDAgEGMA8GA1UdEwEB/wQFMAMBAf8wHQYDVR0O
BBYEFc9Yl9ipBzilVh/72at17wi8NjTHMBIGCSsGAQQBgjcVAQQAQMBAAEwIwYJ
KwYBBAGCNxUCBBYEFHa3YJbdFFYprHWF03BjwbxHhhyLMA0GCSqGSIb3DQEBBQUA
A4IBAQBgrvNIFkBypgiIybxHLCRLXaCRc+1leJDwZ5B6pb8KrbYq+Zln34PFdx80
CTj5fp5B4Ehg/uKqXYeI6oj9XEWyyWrafastS+/HA2fHprA1RRzOCuKeEBuMPdi
4c2Z/FFpZ2wR3bgQo2jeJqVW/TZsN5hs++58PGxrcD/3SDcJjwtCgalGRrgLgwb0
Gzigf0/NC++DiYeXHIowZ9z9VKEDfgHLhUyxCynDvux84T8PCVI8L6eaSP436REG
Woe2QYrEtr+03c5Ks7wawM36GpnScZv6z7zyxFSjiDV2zBssRm8MtNHDYXaSdBHq
S4CNHIkRi+xb/xfJSPzn4AYR4oRe
-----END CERTIFICATE-----
```