

# certificate service refactored draft

## Overview

UW Certificate Services enables self-service requests by registered owners of DNS names to obtain X.509 certificates from the UW Services CA and InCommon CA.

Registered owners of DNS names can manage their certificates via the UW Certificate Services website at <https://iam-tools.u.washington.edu/cs/>

Authorization is based on registered contact information for DNS names managed in UW DNS, and based on UW group memberships for DNS names managed outside of UW DNS.

## InCommon CA or UW CA?

In general, use InCommon CA if the certificate is for website SSL, and UW CA if the certificate is for authenticating to a UW web service (e.g. student web service or person web service). For more information see [CA comparison](#).

## Obtain a Certificate

### InCommon CA



#### Important notice for InCommon SSL certificate customers

If you are using an InCommon SSL certificate that expires on or after 1/1/2016, you may need to obtain a new SSL certificate to avoid certificate warnings in at least one popular browser. This change is related to an industry-wide migration away from the SHA-1 signing algorithm in favor of SHA-2. Read [Transition to InCommon SSL Certificates Signed with SHA-2](#) to learn more.

- [Obtain a Certificate from the InCommon CA](#)
- [Request InCommon CA Certificates for External Domains](#) (e.g. "myproject.com")
- [InCommon Cert Service FAQ](#)
- [Renew a Certificate from the InCommon CA](#)

### UW Services CA

- [UW Services CA FAQ](#)
- [UW Services CA Technical Information](#)
- [UW Services Certificate Authority Certification Practices Statement](#)
- [Obtain a UW Services CA Certificate For a UW Application](#)
- [Install the UW Services CA Certificate \(IT Connect\)](#)
- [Add a UWCA server cert to your browser](#)

## Platform-Specific Instructions

## Windows

- [Obtain a Certificate on Windows Server 2008 R2 and 2012 \(Without Using IIS\)](#)
- [Fix Certificate Installation Errors on Windows](#)
- [Certificate Installation Errors in IIS 7 Manager](#)
- [Export Certificates from the Windows Certificate Store](#)
- [Obtain a UW CA certificate for use on your workstation \(XP/Vista/Win7\)](#)

## Linux/OpenSSL

- [Extract Certificate and Private Key Files from a .pfx File](#)

## See Also

- [UW Certificate Services Go Commercial](#)