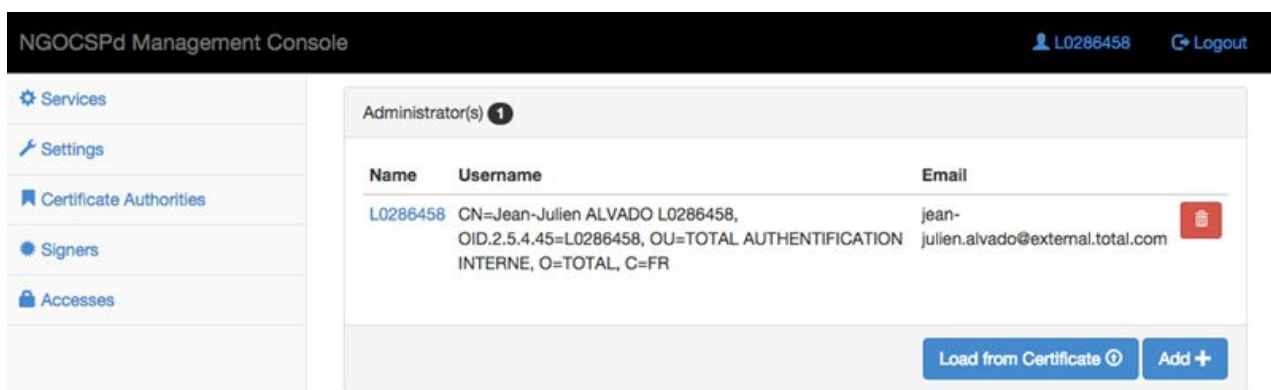




OCSP Responder

Product Overview

EverTrust OCSP is a full-feature, easy to use and versatile OCSP responder solution, able to meet the needs related to certificate validation within corporate environments or over the Internet.



Key Features

EverTrust OCSP complies with RFCs 5019 & 6960, and is compatible with most PKI platforms, as it is able to retrieve the revocation information using the CRL.

Its web administration interface makes it easy to configure, allowing to manage in a few clicks the lifecycle of the OCSP signers hosted by the solution.

Based on proven components such as NGiNX and BouncyCastle, it is well packaged and can be deployed either as software, or as an hardware appliance.

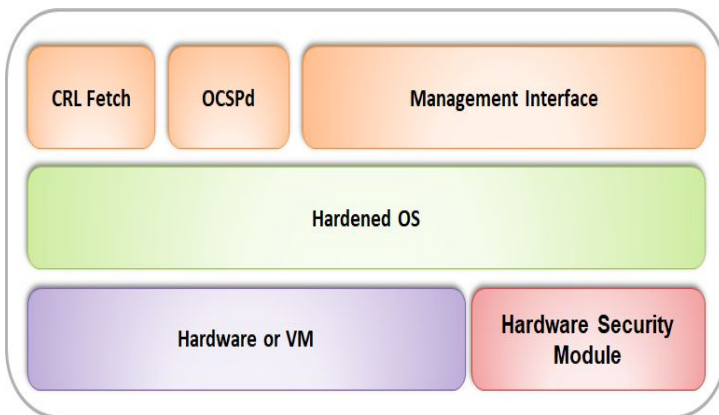
EverTrust OCSP supports the following standards:

- x509 v3
- CRL v2
- PKCS#11 to interface with HSM

- TLS v1.2 to access to the administration interface
- HTTP and LDAP for CRL download

Product Details

The diagram below shows the architecture of EverTrust OCSP.



Recommended OS

- CentOS 7 or RHEL 7

Recommended HSM

- Atos TrustWay Proteccio
- Gemalto SafeNet ProtectServer
- Gemalto SafeNet Luna
- Utimaco SecurityServer

The Web Graphical User Interface is designed to show at a glance all the product features.

EverTrust OCSP also supports integration with multiple Certification Authorities, as shown on the screenshot.

The screenshot shows the "NGOCSPd Management Console" interface. On the left is a navigation menu with options: Services, Settings, Certificate Authorities, Signers, and Accesses. The main area displays a table titled "Certificate Authorities" with the following data:

| Name | Subject DN | Issuer DN | Serial | Not Before | Not After | |
|------|---|---|--------|------------------------------|------------------------------|--|
| ACR | CN=TOTAL QUALIF, O=TOTAL, C=FR | CN=TOTAL QUALIF, O=TOTAL, C=FR | 0 | Fri Mar 04 11:38:50 CET 2005 | Mon Mar 05 11:38:50 CET 2035 | |
| ACA | CN=TOTAL AUTHENTICATION QUALIF, O=TOTAL, C=FR | CN=TOTAL QUALIF, O=TOTAL, C=FR | 1 | Fri Mar 04 11:39:42 CET 2005 | Sun Mar 05 11:39:42 CET 2034 | |
| ACAI | CN=TOTAL AUTHENTICATION INTERNE QUALIF, O=TOTAL, C=FR | CN=TOTAL AUTHENTICATION QUALIF, O=TOTAL, C=FR | 1 | Fri Mar 04 11:43:34 CET 2005 | Fri Feb 25 11:43:34 CET 2033 | |

At the bottom right of the table area, there is a button labeled "Load Certificate Authority".

On the information system integration side, EverTrust OCSP also provides advanced monitoring based on the Kamon framework, and ready for interfacing with popular monitoring solutions as Prometheus, Kamino or Datadog.