Trust Automation Proxy

Intune Proxy Module Overview

About TAP — EverTrust TAP is a full-feature, easy to use and versatile PKI Automation solution, able to meet the needs related to automated certificate issuance and renewal for corporate environments, while ensuring compliance at issuance time and over time via the SSL scanner. TAP has 3 functional modules (ACME Proxy, SSL Scanner, Intune Proxy), that are commercially offered separately.

The Intune Proxy module of EverTrust TAP allows to issue automatically certificates on smartphones for the end users through Microsoft Intune. It uses the principles described at https://docs.microsoft.com/en-us/intune/certificate-authority-add-scep-overview

Key Features

EverTrust TAP Intune Proxy is headless, designed to be installed between your PKI CA, Microsoft Intune and Azure, and issues certificates using the SCEP protocol.

On top of this basic integration, Intune Proxy allows to recover securely the user's escrowed S/MIME certificate and key pair, thus allowing him to decrypt his encrypted emails on his smartphone. The following workflow takes place:

1. user is enrolled with an authentication certificate using SCEP protocol
2. Intune Proxy sends an email with an https link to the end user
3. the end user opens the email on his smartphone, clicks on the link, and receives the escrowed certificate

Its technical architecture relies on proven, secure and high performance components such as Nginx, Bouncy Castle and Akka/Play framework.

Product Details

The diagram below shows the architecture of EverTrust TAP Intune Proxy.
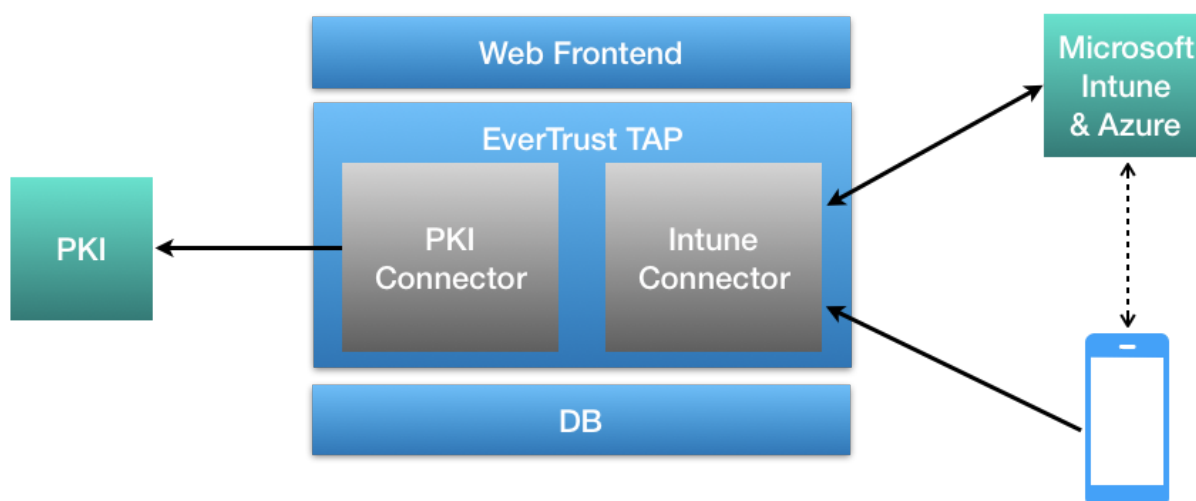
Recommended OS for TAP installation

- CentOS 7 or RHEL 7

Supported PKI

- Microsoft AD Certificate Services*
- IDnomic OpenTrust PKI
- EJBCA
- Nexus Certificate Manager

Microsoft Intune is a cloud-based unified endpoint management service that creates the most productive environment for your employees to work on devices and apps they choose. With Intune, you can manage the mobile devices and apps your workforce uses to access company data, protect your company information by helping to control the way your workforce accesses and shares it, and using the intelligent cloud to ensure devices and apps are compliant with company security requirements.

*Key recovery isn't available for Microsoft ADCS, as its integration with Intune is native.

Compliance Module

- Domain name constraints
- Key type and size
- Hash algorithm (planned)

About EverTrust

EverTrust is a software vendor and a system integrator specialized in digital trust, led by a team of passionate experts. Covering France and the rest of EMEA through a network of partners, EverTrust focuses on delivering efficient solutions with low TCO and proven achievements in terms of IT security, while helping companies reaching various regulatory compliance goals in the digital trust field.