ENTRUST
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PROGRAM

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Entrust Certificate Solutions
Microsoft Azure Key Vault Integration

Expand your enterprise TLS/SSL certificate coverage by integrating Entrust Connect with Microsoft Azure Key Vault using Entrust Connect for Microsoft Azure

THE CHALLENGE

As companies increase their use of digital certificates to establish trust, distributed IT environments and the need to manage those certificates on multiple platforms can create blind spots, inviting risks such as unexpected outages and compliance breaches.

THE SOLUTION

Most enterprise cloud applications are integrated with Microsoft Azure Key Vault to store and manage, passwords, secrets and certificates. Entrust Connect, provides a native Azure portal web application that enables enterprises to natively manage the complete certificate lifecycle of a broad range of public TLS/SSL certificates. It simplifies the day-today lifecycle activity surrounding certificate management, all from a single dashboard.

HOW IT WORKS

Entrust Connect requests the private public key pair in the Microsoft Azure Key Vault and passes it to Entrust Certificate Services via the REST API to request and issue a public SSL certificate.

Issued SSL certificate is stored in the Microsoft Azure Key Vault.

Apps within Microsoft Azure can use the certificate for encryption and authentication.
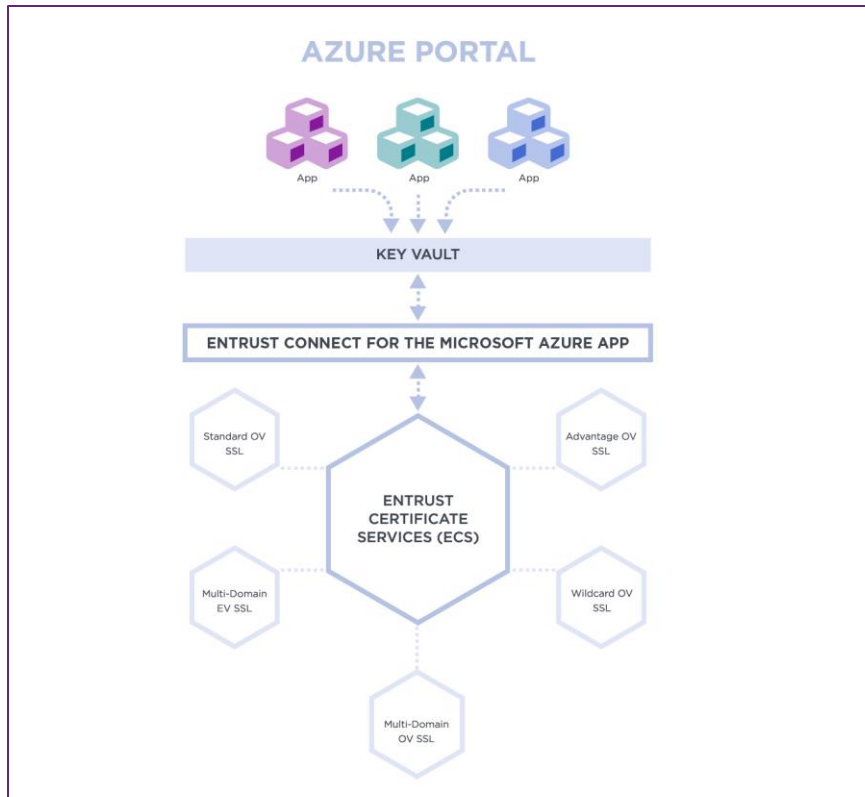
Key Functionality

- Setup Entrust Connect to integrate with Microsoft Azure Key Vault to provide public TLS/SSL certificates to applications in Azure
- Secure Azure applications with a broad range of public TLS/SSL certificates including EV, OV, Multi-domain and Wildcard certificates
- Streamlined TLS/SSL certificate management and active certificates reporting through a native Azure portal experience with similar Entrust look and feel.
- Complete TLS/SSL certificate life cycle management capabilities that cover enrollments, renewals, reissues, revocation and installation.

AZURE PORTAL

App   App   App

KEY VAULT

ENTRUST CONNECT FOR THE MICROSOFT AZURE APP

Standard OV SSL

Advantage OV SSL

ENTRUST CERTIFICATE SERVICES (ECS)

Multi-Domain EV SSL

Wildcard OV SSL

Multi-Domain OV SSL

WHY USE Entrust Connect for Microsoft Azure

Integration Benefits

- Avoid outages due to expired certificates
- Reduce risks associated with non-compliant certificates
- Help maintain compliance with internal guidelines and external policies
- Manage the SSL Life Cycle process natively within Azure
- Gain visibility and status updates on certificate inventory

Entrust Connect, enables your security team to store and manage public TLS/SSL certificates in Microsoft Azure Key Vault and benefit from:

- Scalable certificate issuance
- Complete certificate life cycle management
- Future-proof certificate management
- Issuance of SSL certificates
- Enhanced visibility and reporting

Scalable Certificate Issuance

Entrust Connect enables organizations with large numbers of Entrust TLS/SSL certificates to monitor the certificate life cycle for their in-use certificates. New certificates can be requested, issued and downloaded for immediate deployment without leaving the Microsoft Azure Key Vault environment.

Avoid Unexpected Outages

Certificate users with access to Microsoft Azure can view and manage the life cycle of their issued certificates. Certificate users can renew their seamlessly renew their certificates before certificate expiry.

Note: This application requires from the Microsoft Azure Key Vault user a set-up of the ECS account, the API activation and one of the commercial contracts.

About Partner

Microsoft (Nasdaq "MSFT" @microsoft) enables digital transformation for the era of an intelligent cloud and an intelligent edge. Its mission is to empower every person and every organization on the planet to achieve more.

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About Entrust

Consumers, citizens, and employees increasingly expect anywhere-anytime experiences — whether they are making purchases, crossing borders, accessing e-gov services, or logging onto corporate networks. Entrust offers the trusted identity and secure transaction technologies that make those experiences reliable and secure. Solutions range from the physical world of financial cards, passports, and ID cards to the digital realm of authentication, certificates, and secure communications. With more than 2,500 Entrust colleagues around the world, and a network of strong global partners, the company serves customers in 150 countries worldwide.

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