

Symantec™ Managed PKI Service

Cloud-based service to power strong authentication, encryption, digital signing applications

Data Sheet: Security Management

Overview

As more transactions and correspondence are conducted electronically, there is an increasing need to authenticate users, restrict access to confidential information, and verify integrity or origination of sensitive documents.

Providing this level of trust-based security enables organizations to facilitate tighter integration with business partners, protect data against internal and external threats, ensure business continuity, and maintain compliance with government and corporate regulations. Security solutions based on Public Key Infrastructure, or PKI, are particularly well-suited in addressing these business needs.

Symantec™ Managed PKI Service

Symantec Managed PKI Service is a cloud-based service that enables organizations to issue, renew, and revoke digital certificates that can be used to power strong authentication, encryption, and digital signing applications.

Using the Symantec Managed PKI Service, organizations can quickly and easily deploy digital certificates to users and devices to:

- **Secure remote and local network access:** Deploy certificates to devices and desktops to strongly authenticate employees and partners to a VPN or wireless network
- **Authenticate users to applications:** Strongly authenticate individuals accessing sensitive information accessed via a web-based application or extranet portal
- **Digitally sign documents:** Protect electronic documents from tampering and assert their origination as part of replacing paper-based business processes

- **Protect confidential communications:** Encrypt and sign communications (including email) to protect sensitive information from unauthorized access

Features

Trusted, cloud-based infrastructure

Symantec Managed PKI Service delivers a globally-trusted cloud-based service that an administrator can configure and monitor from any modern web browser.

Symantec Managed PKI Service is backed by 24x7x365 monitoring, management, and escalation across the globe with full disaster recovery. Symantec Managed PKI Service infrastructure is certified annually by a third-party as part of a SAS-70 security audit, regular WebTrust audits, and specialized government audits.

Broad Application Support

Symantec Managed PKI Service issues X.509 certificates that interoperate with a wide variety of operating systems, devices, and VPN, mail, and web browser software. Certificate profiles for common applications are included to enable strong authentication, email encryption and signing, and Adobe® PDF signing.

Automated Certificate Lifecycle Management

Symantec Managed PKI Service automates configuration of common authentication, encryption, and signing applications across multiple platforms and browsers. Using the included VeriSign® PKI Client, Symantec Managed PKI Service can automatically configure a user's browser, VPN client, mail client, or other application to use certificates issued by the Symantec Managed PKI Service. PKI Client also automates the process of renewing certificates, preventing expired certificates from interrupting business continuity.

Enterprise Integration

Integrate Symantec Managed PKI Service with a corporate directory (using the included PKI Enterprise Gateway) to automatically populate certificate meta-data, select and

enforce certificate and application policies, and publish issued certificates. PKI Enterprise Gateway also functions as a local registration authority and integrates with hardware security modules to protect key material.

Benefits

Reduces PKI cost and complexity

Symantec Managed PKI Service's cloud-based approach dramatically lowers the cost and complexity of PKI by eliminating the facilities, hardware, software, personnel, training, and maintenance expenses associated with deploying traditional in-house PKIs. With Symantec, organizations can deliver new security applications quickly & easily with no up-front capital investment.

Simplifies the administrator and end-user experience

Symantec Managed PKI Service eliminates administrator tasks, and automates the process of provisioning certificates and configuring applications to use those certificates. By automating most aspects of issuing and using certificates, an organization can deliver time-sensitive security projects with less IT or end-user intervention.

Maximizes deployment flexibility

Symantec Managed PKI Service enables a higher degree of responsiveness to meet evolving business strategies, and preservation of existing investments. Not only can organizations deliver multiple certificate-based security applications from a unified platform, but they can also tailor the deployment to meet their needs. Organizations can choose a completely cloud-based deployment for simplicity, or deploy in-premise components to enable additional enterprise integration and automation. These options can be mixed-and-matched within an environment to deliver maximum flexibility.

Delivers proven, scalable, reliable PKI

Symantec Managed PKI Service provides the unparalleled reliability required to scale multiple certificate-enabled

applications from a few users to millions of users from a single, flexible platform.

The overall system architecture is designed to support the issuance and management of over 100 million certificates per year.

Why Symantec Managed PKI Service?

As the operator of the longest running commercial cloud-based certificate service in the world, Symantec has the most experience enabling PKI applications. Symantec's procedures, policies, and infrastructure have been proven with large enterprises, governments, and manufacturers around the world. With Symantec, enterprise IT can focus on delivering security solutions that provide real business value, instead of on maintaining PKI infrastructure.

More Information

Visit our website

<http://enterprise.symantec.com>

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