

Symantec™ Managed PKI Service

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

Data Sheet: Authentication

Overview

Conducting business electronically, increasingly from mobile devices, has become a business standard. Therefore it is more important than ever to properly authenticate users, restrict access to confidential information, and verify the integrity or origination of sensitive documents and emails from all devices.

Providing this level of trust-based security enables organizations to facilitate tighter integration with business partners, protect data on managed and unmanaged devices, ensure business continuity, and maintain compliance with government and corporate regulations. Security solutions based on digital certificates 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.

Deploy digital certificates to users and devices to:

- **Authenticate users to applications:** Strongly authenticate individuals accessing sensitive information via a web-based application or extranet portal.
- **Support unmanaged BYOD initiatives:** Support mobile platforms such as Apple iOS and Google Android™ devices while maintaining secure access to enterprise resources without sacrificing the mobile user experience.
- **Deploy Secure Mobile Device Management:** Roll out a Mobile Device Management (MDM) solution for managing enterprise mobile devices.
- **Secure remote and local network access:** Deploy certificates to mobile devices and desktops to strongly authenticate employees and partners to a wireless network or VPN.

- **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

Managed PKI Service delivers a globally-trusted, cloud-based service that an administrator can configure and monitor from any modern web browser. Backed by 24 hours a day, 7 days a week, 365 days a year monitoring, management, and escalation across the globe with full disaster recovery; and certified annually by third-parties: SSAE 16/SOC 2, WebTrust, and specialized government audits.

Broad Application Support

Managed PKI Service issues X.509 certificates that interoperate with a wide variety of operating systems, devices, 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.

Transparent User Experience

Managed PKI Service provides the essential capabilities needed to deploy and use certificates on devices without requiring inconvenient user names and passwords. Support for profiles on iOS mobile devices enable simple enrollment and automated client configuration. Equivalent functionality is available via Symantec PKI Client for Android, Mac®, and Windows® devices.

Automated Certificate Lifecycle Management

Managed PKI Service automates configuration of common authentication, encryption, and signing applications across multiple platforms and browsers. Using PKI Client,

automatically configure a user's browser, VPN client, mail client, or other application to use certificates issued by the Managed PKI Service. PKI Client also automates the process of renewing certificates, preventing expired certificates from interrupting business continuity.

Enterprise Integration

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

Simplifies the administrator and end-user experience

Managed PKI Service eliminates administrator tasks, and automates the process of provisioning certificates and configuring applications to use those certificates; thus delivering time-sensitive security projects with less IT or end-user intervention. On mobile devices, user certificate enrollment, delivery, and installation is simplified with Managed PKI mobile-aware certificate service or through integration with the leading MDM solutions.

Maximizes deployment flexibility

Managed PKI Service enables a higher degree of responsiveness to meet evolving business strategies, and preserve existing investments. Organizations can deliver

multiple certificate-based security applications from a unified platform and tailor the deployment to meet their needs.

Choose a completely cloud-based deployment for simplicity, or deploy on-premise components to enable additional enterprise integration and automation. These options can be mixed-and-matched within an environment to deliver maximum flexibility.

Delivers scalable, reliable, proven, cloud-based PKI

As the operator of the longest running commercial cloud-based certificate service in the world, Symantec has the most experience enabling PKI applications. Managed PKI Service provides the unparalleled reliability required to scale multiple certificate-enabled applications from a few users to millions from a single, flexible platform. The cloud infrastructure is designed to support the issuance and management of over 100 million certificates per year; so IT can focus on delivering security solutions that provide real business value, instead of maintaining PKI infrastructure.

More Information

Visit our website

<http://enterprise.symantec.com>

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