

# Network and Server Security

SoftLayer Technologies®

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## ■ What It Is

SoftLayer® provides security software and hardware solutions that protect our data center and our customers' servers at both the network and system levels. Our strategic partnerships with industry-leading companies including McAfee®, Cisco™, and Fortinet™ let us offer customers the latest solutions—many at no extra charge—helping to maximize uptime and mitigate business risk. In addition, as with all of our offerings, SoftLayer simplifies deploying and managing these security solutions, helping to reduce the cost, time, and skill it takes to maintain enterprise-class protection.

## ■ Key Features and Benefits

**Exceptional Standard Security Products and Services** We provide the most comprehensive set of included security features along with a wide selection of upgrade options, allowing customers to tailor their individual protection profile.

**Latest Security Technologies** We partner with industry-leading security vendors to offer the most comprehensive and most advanced security available.

**Unique, Highly Secure Network Design** Our revolutionary Network-Within-a-Network topology provides true out-of-band management for full remote access with no exposure to external threats.

**Network and Server Level Protection** Our security strategy includes hardware and software solutions at both the network and server levels to provide overlapping layers of security.

## ■ Network Security Features

SoftLayer's innovative network architecture and our commitment to using the most advanced hardware technologies minimize data center and server exposure.

**Network-Within-a-Network Topology** The SoftLayer network integrates three distinct and redundant network architectures into the industry's first Network-Within-a-Network topology. Systems are fully accessible to remote administrators but safely off-limits from others.

- **Public Network** Handles public traffic to hosted web sites or online resources. Features multi-homed connectivity to the Internet with bandwidth from multiple, independent carriers.
- **Private Network** Allows for true out-of-band management through a distinct stand-alone third carrier over SSL, PPTP, or IPSEC VPN gateways.
- **Data Center to Data Center Network** Provides free, secure connectivity between servers housed in separate SoftLayer facilities.

## ■ Server-Level Security Features

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SoftLayer offers a comprehensive set of security features that are standard with every server, as well as a range of upgrade options for nominal additional prices.

**Protection and Assessment** Our complete selection of protection and assessment options include Nessus® Vulnerability Assessment and Reporting at no charge. Customers can also upgrade to McAfee Host Intrusion Protection with Reporting for even more control over their server environments, providing full white-listing and black-listing monitoring of applications.

**Hardware Firewalls** SoftLayer's hardware firewall solution provides an additional layer of server security that can be provisioned on demand without service interruptions. 10, 100, and 1000Mbps hardware firewalls are available and fully managed through the Customer Portal.

**Anti-Virus and Anti-Spyware Protection** McAfee security products add an additional layer of security. McAfee LinuxShield and Windows® VirusScan Anti-Virus protection can be added at no charge. McAfee Total Protection is available for protection against Viruses and Spyware.

**McAfee PCI Compliance Scanning and Certification** SoftLayer and McAfee have partnered to offer all SoftLayer customers McAfee's comprehensive Payment Card Industry (PCI) security compliance scanning service at no cost. The service scans and certifies e-commerce sites for compliance with the PCI Security Standards Council's Payment Card Industry Data Security Standard (PCI DSS) version 1.1. Its value-adding features include:

- Scheduled quarterly and unlimited manual scans
- Certified Information Systems Security Professional (CISSP) vulnerability remediation support
- Online self-assessment questionnaire assistance
- Online assistance for preparing a required PCI security policy
- Unlimited telephone technical support
- Direct submission of compliance reports to banks
- Full-service program starting at 6 IP addresses
- A compliance certification report accepted by credit card companies and banks

## ■ Contact SoftLayer

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For more information on SoftLayer and any of our products, contact one of our technically trained sales staff by phone, email, or live chat via our site.

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