Symantec Web Security Service – Data Loss Prevention

At A Glance

Cloud & On-Premise DLP Options
- Integrate with Symantec's market leading cloud-based data loss prevention (DLP) service or with your own existing on-premise DLP solution
- Prevent unauthorized data leakage across all of your devices, regardless of location
- Set data protection policies once and have them enforced on-premise and in the cloud

Best-In-Class Symantec DLP
- Gartner Magic Quadrants™ and Forrester Wave™ reports agree, Symantec's Data Loss Prevention is a market leading solution
- Multiple detection, matching and machine learning engines give maximum flexibility for information protection policy rule creation
- Extends DLP monitoring and protection to iOS and Android devices, whether corporate-owned or employee-owned

SSL Visibility Enhances DLP
- Symantec's Web Security Service can be used to selectively decrypt web traffic to enable DLP inspection and enforcement
- Encrypted traffic volume is increasing dramatically, making combination of secure web gateway and DLP a critical solution

Protecting Data in the 'New Normal'

An explosion of electronic information, coupled with expanded use of mobile devices, remote workers, and applications moving to the cloud, is creating a perfect storm for efforts to secure sensitive and regulated data. These trends are here to stay and this environment has effectively become the new normal. On top of this, data compliance regimes have also become stricter in order to combat an increasingly sophisticated threat environment targeting valuable data assets.

Protecting sensitive and regulated information is a daunting challenge that raises tough questions for enterprises, such as:

- How can we accurately monitor and protect data on mobile devices, on premise, and in the cloud?

- Is there an efficient approach that will allow us to define and enforce policies consistently across our diverse environment?

- Can we leverage integrations with other parts of our security infrastructure that will simply our efforts to protect our data?

And with resources already tight, enterprises also need to explore the use of cloud-based services, which can improve time-to-value and enable them to easily scale their solutions using subscription-based cost models.

Cloud Security Gateways & DLP

Sitting between your employees, wherever they are located, and the Internet, Symantec's Web Security Service is a cloud-delivered secure web gateway allowing you to enforce access control, threat prevention and data governance policies for traffic moving back and forth between your employee's devices and the web.

This service has multiple data loss prevention (DLP) integrations which are designed to address the challenging information protection requirements now facing enterprises. Seamless integration with Symantec's Cloud DLP service ensures that enterprise web and cloud traffic can be protected by one of the leading DLP solutions on the market. The service also offers integration options for on-premise DLP deployments.

The powerful combination of Symantec's Web Security Service and DLP allows enterprises to enforce all the privacy and data protection regulations they have, even on encrypted traffic. Even when users are accessing systems from remote locations, information can be continuously monitored and uploaded files can be inspected. Blocking actions can automatically be taken and administrators or and data owners can be alerted when data is put at risk.

✓ Symantec™

Options for Information Protection

Enterprises using Symantec's Web Security Service have multiple options to enforce data loss prevention policies.

Symantec Web Security Service and Cloud DLP

◄•••► Web Requests
◄•••► Traffic Subject to DLP Analysis

The information flow for enterprises using Symantec Web Security Service with Cloud DLP is as follows:

❶ All web/cloud traffic is routed through the Web Security Service

❷ Policies determine which information needs DLP scanning

❸ Information sent to Symantec DLP Cloud for inspection

❹ Information is scanned to determine if it is compliant or non-complaint with policies and DLP decision is sent back to Web Security Service

❺ Information sent to web/cloud if appropriate

The information flow for enterprises using Symantec Web Security Service and on-premise DLP is as follows:

❶ All web/cloud traffic from corporate, remote and mobile users is routed through the Web Security Service

❷ Policies determine which information needs DLP scanning

❸ Information is sent over the secure Symantec Cloud to Premise Link technology to on-premise DLP software for inspection

❹ Information is scanned to determine if it is compliant or non-complaint with policies and DLP decision is sent back to Web Security Service

❺ Information sent to web/cloud if appropriate

Symantec Web Security Service and On Premise DLP

◄•••► Web Requests
◄•••► Traffic Subject to DLP Analysis

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What About 'Offline' Access to Cloud Applications?

Enterprises adopting SaaS cloud applications like Box and Salesforce realize that their remote and mobile employees may access corporate cloud accounts offline or 'out-of-band', going directly to the net with their devices. In-line gateways and scanning software may never get a look at this traffic, so the ability to proactively enforce information protection policies is lost. This is where Symantec's innovative integrated solution between its Cloud DLP service and its CloudSOC Cloud Access Security Broker (CASB) solution. CloudSOC can be configured to scan all enterprise accounts offline on a predetermined schedule using your data protection policies defined in the Symantec DLP Cloud. Any information discovered that violates your data loss prevention polices will be remediated based upon your defined approaches. This unique solution covers a major blind spot that most cloud DLP solutions cannot adequately address.

- Extend Symantec Data Loss Prevention to the Cloud

- Uncover data loss blind spots in sanctioned and unsanctioned cloud apps

- Discover sensitive data in more than 60 cloud apps including Office 365, Box and Dropbox

- Reuse existing DLP policies and workflows for cloud apps

- Optimize performance with DLP detection as a service

- Enforce DLP policies everywhere from one unified management console
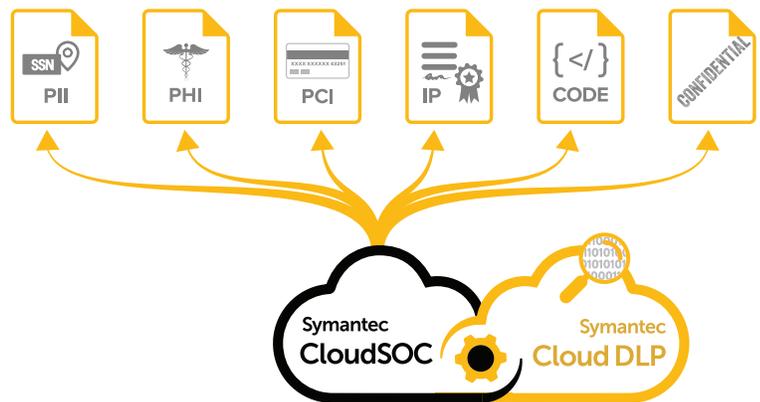
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