



Provide Connection, Access and Compliance with Novell® Cloud Security Service

With Novell® Cloud Security Service you can offer your customers total transactional security on demand—with single sign-on capabilities and comprehensive reporting of user activity built in.

What Is Novell Cloud Security Service?

Novell Cloud Security Service is a multi-tenant, Web-based identity and access management solution that allows cloud providers to offer assurance and transparency

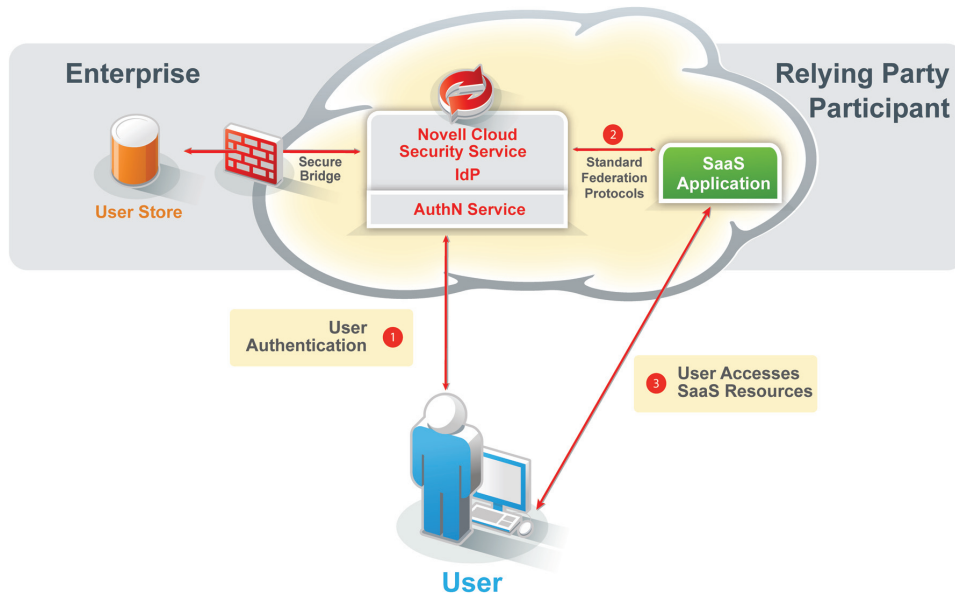
to the enterprise. Our solution provides security capabilities like single sign-on, roles management and audit logs from multiple SaaS applications via a scalable, cloud-ready management platform.

- **Solutions:**
Security Management
- **Products:**
Novell Cloud Security Service



“Novell Cloud Security Service alleviates security and compliance concerns, so organizations can focus on driving core business value.”

Jeff Kaplan
Managing Director
THINKstrategies



Manage a multi-SaaS, multi-tenant environment via one single management dashboard interface. Give customers skinnable, customer-facing consoles for managing their identities, role mapping and SaaS access.

Novell has built out-of-the-box connectors to:

- Applications that are written as Java* Servlets
- Applications that run on Apache* including Perl*, Python*, PHP* or Ruby on Rails*

We also provide connectors to applications such as Salesforce that support SAML2 authentication

How Does Novell Cloud Security Service Work?

Novell Cloud Security Service is hosted in the cloud, either where the provider hosts its application or via a Novell hosting partner. A user can log on directly or via the enterprise identity system. The service first verifies the identity and, if successful, will generate an identity token in the format needed by the SaaS provider. The user is now authenticated to the SaaS service. Once inside the application, the application connectors that are provided with the service capture deep page-level user activity and provide the audit stream for compliance purposes.

How Does Novell Cloud Security Service Benefit Your Customers?

Comprehensive Audit Logs

Audit logging is critical for customers and is a specific requirement of many regulatory and standards bodies. Our solution eliminates these concerns by tracking and reporting compliance events from the cloud back to the enterprise.

Control of Sensitive Information in the Cloud

Many solutions in the market provide identity management in the cloud; however, they deliver this service by opening firewall ports, something that IT administrators don't like to do. Novell Cloud Security Service is the only solution in the market today that is firewall-friendly and controls sensitive information in the cloud using an implementation approach called "annexation."

Zero Day Start/Stop

One of the biggest challenges of using an SaaS application is ensuring that accounts are deprovisioned in a timely manner when an employee leaves the organization. Since most SaaS applications have their own tools for managing accounts, this deactivation often does not happen in a timely manner and rogue employees can have access to critical information after leaving the company. With the Novell solution, that security hole is avoided because the service does a real-time check of a user's credentials against the enterprise identity store each time a user tries to access an SaaS application.

Use of Existing Enterprise Identity Infrastructure

Most customers want to leverage their existing identity and access management infrastructure to access the cloud. Novell Cloud Security Service offers the most secure way of enabling customers to use their identity stores to access cloud applications.

Single Sign-on

With SaaS applications projected to grow within enterprises, there is a danger that the productivity and user experience of the business users will be reduced due to the challenge of remembering multiple user names and passwords. Novell Cloud Security Service allows customers' employees and partners to remember just one user name and password to access all authorized Web-based services. Our solution leverages industry standards to enable single sign-on using the enterprise identity infrastructure.

Authorization (Roles) Management

Today, most SaaS applications have their own systems and processes for maintaining and managing roles and associated access that are separate from the enterprise system. This results in manual intervention each time an employee leaves or changes roles. Our solution allows roles/attributes from the tenant's identity system to be automatically

mapped to roles/attributes used by a connected application. This enables authorization as well as authentication to be managed by the enterprise.

How Does Novell Cloud Security Service Benefit Cloud Providers?

Out-of-the-Box Application Connectors

SaaS applications today are built on a number of different platforms and technologies, which makes it hard to integrate these applications into a common management framework. To address this issue, Novell has built deep framework-level connectors for:

- Applications that are written as Java Servlets
- Applications that run on Apache including Perl, Python, PHP or Ruby on Rails

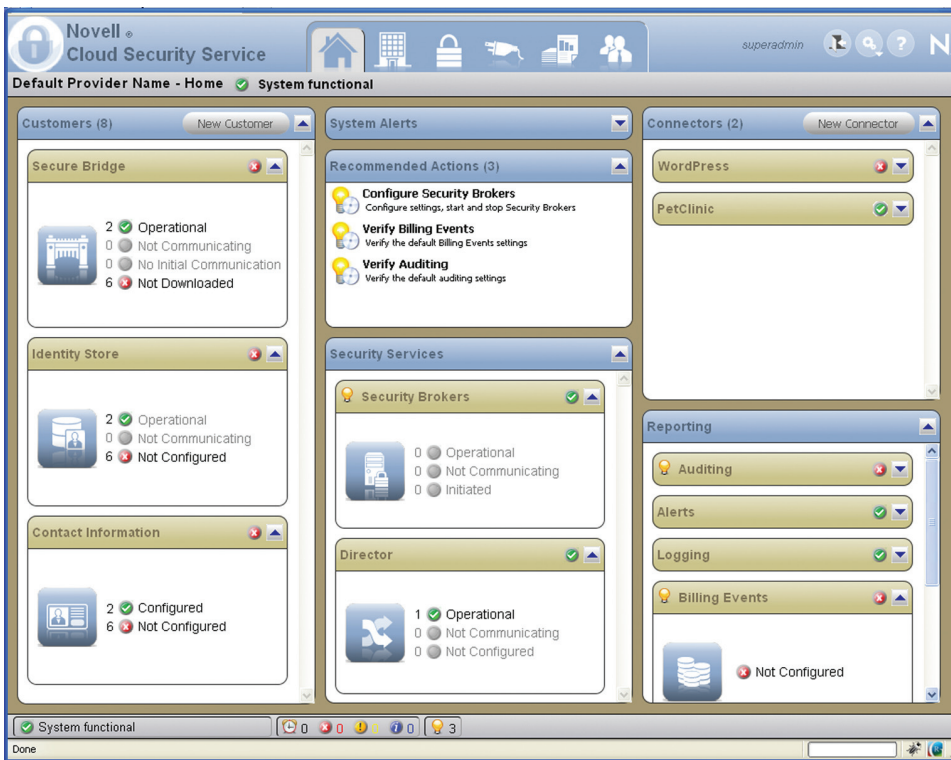
We also provide connectors to applications such as Salesforce that support SAML2 authentication.

Multi-tenant Management Console

Managing a number of tenants or SaaS applications (in the case of a hoster) can result in high administrative costs and a lot of manual processes to on-board each customer. Novell Cloud Security Service provides a dashboard interface for both the provider and for the customers to configure, monitor and control the applications and the usage. The Novell solution is cloud-ready with full multi-tenancy support, billing and usage tracking support that allows providers to scale applications and customers quickly.

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Let Novell help you build and go to market with an enterprise-class, secure and compliant software solution.

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Security Branding Capabilities

Novell enables organizations to brand all customer-facing screens with their logo and color schemes using easy drag and drop and palette select features. The easy “skinning” allows them to maintain the brand and relationship with their customers without introducing a third-party vendor conversation during the sales cycle.

Plug-and-Play Option

Novell enables organizations to integrate Novell Cloud Security Service capabilities into whatever UI or management framework is in place via REST APIs. Businesses can get the advantages of high security single sign-on, audit logging and more without going through costly implementation or integrations.

What Makes the Novell Solution Different?

Our solution is specifically designed to address the needs of the cloud services provider market. It goes beyond the standard single sign-on capability to provide:

- *Sharing of roles, policies and workflows in the cloud*
- *True multi-tenancy support with high scalability and clustering*
- *Support for multiple standards that offer true interoperability*

For more information about Novell Cloud Security Service, please contact a Novell authorized sales or service representative, or visit: www.novell.com/cloud-security



Contact your local Novell Solutions Provider, or call Novell at:

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