



Fortinet and Pulse Secure Integrated Security Solution

Pulse Policy Secure Integration with Fortinet FortiAuthenticator and FortiGate Firewalls

Pulse Policy Secure is a standards-based, scalable network access control (NAC) solution that reduces network threat exposure and mitigates risks. Pulse Policy Secure protects your network by guarding mission-critical applications and sensitive data, providing context-aware network security, and delivering comprehensive NAC management, visibility, and monitoring. It reduces the cost and complexity of delivering and deploying granular identity and role-enabled access control from the branch to the corporate data center. It also addresses most network access control challenges, including insider threats, guest access control, and regulatory compliance.

FortiGate next-generation firewalls are optimized for internal segmentation, perimeter, cloud, data center, distributed, and small business deployments. Fortinet firewalls are further enhanced by the integration with Pulse Policy Secure. Context awareness is provided, including a large set of compliance checks that are possible with the use of the Pulse Client's host checking capabilities. Fortinet can also leverage the large number of authentication services that are enabled through Policy Secure. Pulse Policy Secure continues to help you avoid vendor lock-in and delivers simple and flexible deployment options, while providing value-added features and a solution you can trust.

Use Cases

- Extending NAC/BYOD (Bring Your Own Device) to perimeter defense
 - A stronger security posture with unified access policies that extend from NAC/BYOD systems to firewall perimeter defenses to offer end-to-end enforcement across the network.

Key Benefits

Together, Pulse Policy Secure and Fortinet's FortiGate next-generation firewalls deliver automated security that provides:

- Rich host-checking capabilities
- Comprehensive authentication services
- Role-based, application-level enforcement
- Dynamic endpoint assessment and enforcement
- Seamless user experience
- Increased usability into users, device health, and resource access.

For more information on Pulse Policy Secure, please visit <http://www.pulsesecure.net/products/policy-secure/> or contact your Pulse Secure representative.



- Secure access for remote connections to local protected resources
 - A user connects through remote VPN connection and accesses protected resources behind the firewall.

Pulse Policy Secure Solution Components

Combining the flexibly deployed, best-in-class Pulse Policy Secure product with Fortinet firewalls enables organizations to quickly and easily deploy a network access control solution that leverages the best of both high-performance solutions to ensure that the right users, on the right devices, are accessing the enterprise's protected resources.

The Pulse Policy Secure solution consists of three main components:

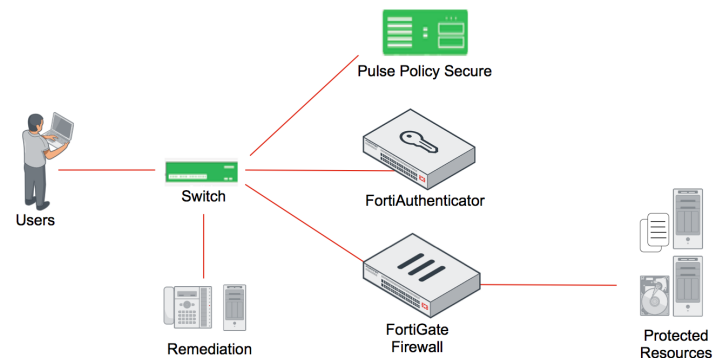
- Pulse Policy Secure—A central policy management server that validates the user's identity, determines the endpoint's security compliance, and manages network policies.
- Enforcer—Distributed policy enforcement points, which can be 802.1x or SNMP compliant switches and wireless access points, and security devices.
- Endpoint agent—Software running on the endpoint that is used for user authentication, endpoint security, and 802.1x enforcement.

Fortinet-Pulse Secure Integrated Solution Overview

Pulse Secure's Policy Secure is deployed with a combination of Fortinet's FortiAuthenticator and FortiGate products. This integration delivers an intelligent Layer 3 network access control environment. The Pulse Policy Secure and Fortinet firewall solution delivers a seamless and single solution that provides powerful pre- and post-admission access control management along with Host Checker compliance verification and enforcement, protecting sensitive corporate data from unauthenticated access, attacks, and breaches.

How It Works

Pulse Policy Secure leverages its syslog functionality by reporting the end user access events to FortiAuthenticator. Once users are authenticated on Pulse Policy Secure, it validates the Host Checker policy and syslog sessions are exported to FortiAuthenticator. FortiAuthenticator further utilizes syslog messages by parsing the identity information from the syslog messages. This information can be used to create an IP, Username, and User Group mapping within FortiAuthenticator and creates FSSO (Fortinet Single Sign On) sessions. These sessions created will be shared with FortiGate firewalls to either allow or block traffic based on the configured policy on the FortiGate firewalls.



About Pulse Secure

Pulse Secure, LLC is a leading provider of access and mobile security solutions to both enterprises and service providers. Enterprises from every vertical and of all sizes utilize the company's Pulse virtual private network (VPN), network access control and mobile security products to enable end user mobility securely and seamlessly in their organizations. Pulse Secure's mission is to enable open, integrated enterprise system solutions that empower business productivity through seamless mobility.



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