

Pulse Secure Virtual Traffic Manager and Pulse Secure Virtual Web Application Firewall Licensing Guide for AWS

Organizations running business-critical applications on Amazon Web Services (AWS) must safeguard their sensitive business or customer data by developing a robust application delivery and security solution. By selecting comprehensive and cloud-ready products and solutions from the AWS Marketplace, organizations can save time and money by simplifying initial deployment, as well as facilitating subsequent development and growth.

Table 1: Pulse Secure Virtual Traffic Manager and Pulse Secure Web Application Firewall Configurations.

| Features | Basic Edition | Standard Edition | Standard Edition With Pulse Secure Web Application Firewall | Enterprise Edition | Enterprise Edition With Pulse Secure Web Application Firewall | Web Application Firewall | Developer Edition |
|----------------------------------|-------------------------------------|------------------|--|-----------------------|--|--------------------------------|----------------------|
| SSL performance | Uncapped | Uncapped | Uncapped | Uncapped | Uncapped | Uncapped | 100 SSL TPS |
| Load balancing | Roundrobin, Least Connections | Yes | Yes | Yes | Yes | Yes | Yes |
| Rule Builder for Content Routing | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Rule Builder | No | Yes | Yes | Yes | Yes | Yes | Yes |
| TrafficScript | No | Yes | Yes | Yes | Yes | Yes | Yes |
| Compression | No | Yes | Yes | Yes | Yes | No | Yes |
| Content caching | No | Yes | Yes | Yes | Yes | No | Yes |
| Bandwidth management | No | Yes | Yes | Yes | Yes | No | Yes |
| Rate shaping | No | Yes | Yes | Yes | Yes | No | Yes |
| Service-level monitoring | No | Yes | Yes | Yes | Yes | No | Yes |
| Auto-scaling | No | Yes | Yes | Yes | Yes | No | Yes |
| Global load balancing | No | No | No | Yes | Yes | No | Yes |
| Web app firewall | No | No | Yes | No | Yes | Yes | Yes |

Pulse Secure Virtual Traffic Manager

Pulse Secure Virtual Traffic Manager (Pulse Secure vTM) is a fully featured Layer 7 Application Delivery Controller that compliments the AWS Elastic Load Balancer with sophisticated features such as content compression and TrafficScript, a powerful scripting language that enables granular control of inbound and outbound traffic. To accommodate diverse business needs, Pulse Secure offers a range of editions that are licensed by the hour or annually, so organizations get the features they need, while maintaining the mobility to move from one edition to the other when their requirements change.

Pulse Secure Virtual Web Application Firewall

The Pulse Secure virtual Web Application Firewall software (Pulse Secure vWAF) protects Web applications against both known and unknown threats. Available as a standalone AMI or as an add-module to the Pulse Secure Virtual Traffic Manager, this dynamic sentry secures public, private, and hybrid Web applications at the application layer.

Pulse Secure vWAF enables organizations to:

- Protect against common application vulnerabilities like SQL injection and cross-site scripting
- Establish a secure session identifier, proactively encrypts cookies and URLs, and applies site usage enforcement
- Get immediate real-time alerts and reports on attack trends, application behavior, and more
- Learn and monitor application patterns and improve performance by creating white and black lists
- Spread operations across physical, virtual, cloud, or hybrid environments
- Meet PCI-DSS (Payment Card Industry Data Security Standard) requirements

Uncapped SSL Performance

The production editions of Pulse Secure Virtual Traffic Manager software on AWS Marketplace do not have artificial SSL transaction limitations as part of the licensing model. To increase the performance of the Pulse Secure Virtual Traffic Manager software, organizations may simply move it onto a more powerful server “instance” from AWS.

Developer Edition

The Developer mode enables all of the functionality of the Pulse Secure Virtual Traffic Manager, including the Pulse Secure Web Application Firewall, but imposes a performance limit of 1 Mbps throughput and 100 SSL TPS. This edition is ideal for use in test and development environments to facilitate the creation and testing of production application delivery and security services. There is no license key required for the Developer Edition software. This edition is also used to help deploy perpetual or term licenses purchased from Pulse Secure partners onto AWS. This process is described in the “Cloud Services Installation and Getting Started Guide” that can be found on www.pulsesecure.net.

Learn More

To learn more about Pulse Secure Application Delivery solutions, visit www.pulsesecure.net/vadc.

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