

4PSA SPAM GUARDIAN

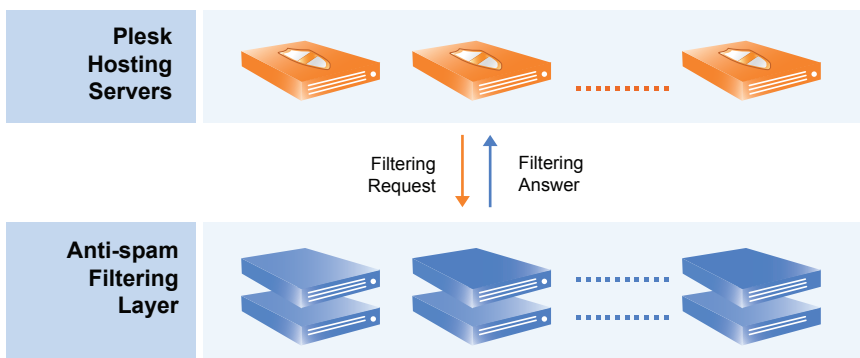
DISTRIBUTED FILTERING ANTI-SPAM FOR PLESK



Spam Guardian features the 4Grid technology that makes it the most advanced spam filtering solution ever designed for Parallels Plesk Panel servers. Spam protection is critical to email security strategy and has rapidly become a hosting service requirement. Hosting providers use Spam Guardian to deliver superior spam detection without changing the server responsiveness.

4PSA Spam Guardian implements distributed filtering and uses adaptive spam detection. The software comes with a friendly and powerful management interface integrated in Parallels Plesk Panel that can be used by administrators and hosting customers.

- Email filtering is done on multiple filtering nodes, increasing the overall process efficiency
- Distributed filtering addresses peaks in email traffic:
 - Filtering requests are balanced in the infrastructure, eliminating bottlenecks in the email system
 - Regular hosting services are not affected by email filtering
- Emails are **not delivered unfiltered to customers**
- A single filtering node can be used by the entire hosting infrastructure
- Centralized mail-filtering solutions become obsolete because of their:
 - Difficulty to setup in an automated environment
 - Single point of failure
 - Inability to scale when the number of emails increases beyond specifications
 - High costs per mailbox
- The 4Grid scanning engine scales by simply adding new filtering nodes



Spam Guardian implements a flexible and powerful interface. Customers can configure filtering behavior on domain or even mailbox level. One click is simply enough to toggle anti-spam filtering for a specific domain.

Highlights

- Advanced 4Grid technology
- Adaptive, self-learning filtering engine using Bayesian filtering
- Distributed network tests, supporting multiple networks
- Independent mailbox and domain anti-spam profile
- Blacklist, whitelist, and trusted networks support
- Manual and automatic spam learning
- Real-time statistics for the anti-spam engine
- Advanced control and reports

Find out more:

www.4psa.com/sguardian

4Grid technology:

www.4psa.com/4grid



Spam Guardian

<http://www.4psa.com/sguardian>

CLOUD CALLING™

Traditional Plesk Panel Anti-Spam	4PSA Spam Guardian
✗ Email filtering is performed on the same server	✓ The first anti-spam solution for Parallels Plesk Panel to introduce high performance, distributed email filtering
✗ On a server overloaded by email filtering processes important hosting services like http or database lack resources	✓ Designed to scale with the infrastructure; the only solution available that scales from one hosting server to thousands
✗ Emails might pass unfiltered at peak times to avoid resource starvation attacks	✓ There is no way to overload the server with filtering processes: emails cannot pass unscanned
✗ Each hosting server uses its own filtering engine, installed on the same server, so resources are inefficiently spent	✓ It is the fastest and most reliable filtering process that does not affect hosting services installed on the server.
✗ The spam learning database is located at server level and its knowledge base is limited.	✓ As filtering is distributed in a specialized infrastructure, the learning database contains more data.
✗ High memory footprint and CPU consumption, difficult to install on virtual machines	✓ The lowest memory footprint, the most efficient engine for virtual machines
✗ No statistics or usage reports for administrators or end-users	✓ The highest level of control for end-users; it delivers detailed reports and alerts

Two-Stages Processing Engine

All anti-spam engines make mistakes and generate false positives, usually because emails are received from incorrectly configured servers. As Spam Guardian is not immune to these problems, it implements a two-stage processing engine. Each message processed by the filtering engine receives a score, where higher scores indicate it is more likely that the message is spam. Emails can be tagged or dropped based on their score.

Deployment Scenarios

Small Business with a Single Plesk Server - Small companies that own a single dedicated server or virtual machine can install Spam Guardian so that both the filtering agent and the filtering engine are deployed on the same machine. When the company expands and adds a new server, the filtering engine can be deployed on a single machine.

Hosting Providers with Multiple Plesk Servers - The hosting company installs Spam Guardian filtering agents on its Parallels Plesk Panel servers and connects all of them to the filtering nodes. The provider can deploy any number of filtering nodes it finds appropriate, based on the email volume.

Availability

Spam Guardian is available in the following installation packages:

- RPM on Linux RPM based distributions
- Shell installer for Debian, Ubuntu and FreeBSD
- Virtuozzo EZ templates

4PSA Spam Guardian is compatible with Parallels Plesk Panel 8.2.0 and later versions.

About 4PSA

4PSA is an innovative software development company specializing in applications for cloud computing. The 4PSA flagship solution is the VoipNow Platform, a suite of software applications designed to accelerate Unified Communications adoption by businesses and end users.

The organization implements a quality management system certified by TÜV CERT.

Contact us at sales@4psa.com or by phone at **888-898-3082 (US)**.

For more information about 4PSA Spam Guardian please visit: <http://www.4psa.com/sguardian>

For partnership opportunities check the Partnership Programs: <http://www.4psa.com/partners/>