

4PSA CLEAN SERVER

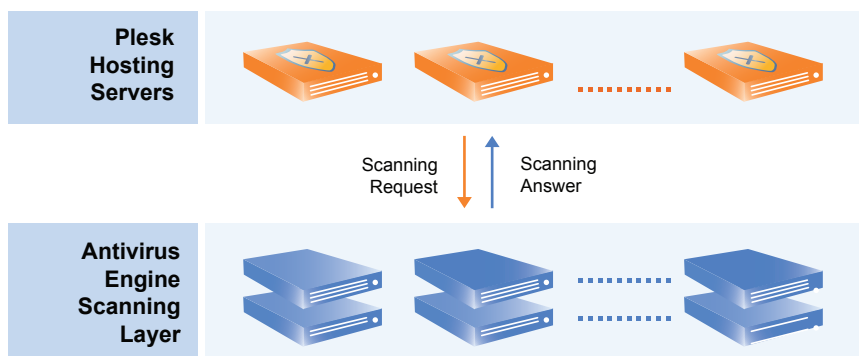
NEXT GENERATION ANTIVIRUS



Clean Server features 4Grid framework, the next-generation infrastructure technology that any service provider should have. In addition to its major technological advantage, Clean Server offers the most economical antivirus protection for Parallels Plesk Panel servers, by ensuring scanning for an **unlimited number of mailboxes at no annual fees.**

Clean Server delivers distributed scanning, email processing policies, and the most advanced antivirus control features:

- While email scanning is performed on the nodes, Clean Server maintains its efficiency even when the hosting server is used for the scanning process.
- The distributed design can address peaks in email traffic:
 - An unlimited number of scanning nodes can be added
 - Hosting services are not affected by scanning
- **Emails are not delayed in queue and are not delivered to customers until they are scanned**
- A scanning node can accept connections from the entire hosting infrastructure
- Centralized mail filtering solutions become obsolete because of their:
 - Difficult 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 scanning nodes



The connection between hosting servers and the scanning infrastructure can be set up from the Clean Server online administration interface. Whenever a scanning node happens to be down or overloaded, scanning requests are automatically distributed to the working nodes.

Highlights

- Advanced 4Grid technology
- Distributed email scanning
- Uses ClamAV antivirus
- Daily file system scanning
- Perfectly integrated in Parallels Plesk Panel
- Automated setup of protected mailboxes
- Scans all emails (even redirects and groups)
- Hosting reseller friendly
- Virus warning notifications
- Automatic updates
- Attachment filtering
- Advanced control and reports

Find out more:

www.4psa.com/cserver

4Grid technology:

www.4psa.com/4grid



Clean Server
<http://www.4psa.com/cserver>

CLOUD CALLING™



Traditional Parallels Plesk Panel Email Antivirus	Clean Server Next Generation Antivirus for Parallels Plesk
✗ Email scanning is performed on the same server	✓ The first antivirus for Parallels Plesk Panel to introduce safe, high performance distributed email scanning
✗ On a server overloaded by email scanning 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
✗ To avoid resource starvation attacks, emails might pass unscanned at peak times	✓ The server cannot possibly get overloaded with scanning processes therefore emails cannot pass unscanned
✗ Each hosting server uses its own scanning engine, installed on the same server, consequently resources get spent inefficiently	✓ The fastest and most reliable scanning process that does not affect the hosting services installed on the server
✗ Antivirus updates must be deployed on each hosting server	✓ Antivirus updates must be deployed on scanning nodes only
✗ 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 and/or end-users	✓ The highest level of control for end-users; it delivers detailed reports and notifications
✗ No file system scanning for potential threats, no reports sent to administrators	✓ Clean Server supplements email scanning with file system scanning and sends reports to the administrator about the threats detected on the server.

Deployment Scenarios

Small Business, Single Plesk Server

Small companies that own a single server or VM can install 4PSA Clean Server in order to have both the scanning agent and the scanning engine deployed on the same machine. If later the company expands and adds a new server, the scanning engine may be deployed on a single machine.

Hosting Providers, Multiple Plesk Servers

The hosting company installs Clean Server scanning agents on its Parallels Plesk Panel servers and connects all of them to the scanning nodes. Based on the scanning volume, the provider can deploy any number of scanning nodes.

Availability

Clean Server is available in the following installation packages:

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

4PSA Clean Server is compatible with Parallels Plesk Panel 8.2.0 and later versions.

About 4PSA

4PSA is an innovative software development company specialized 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 Clean Server please visit: <http://www.4psa.com/cserver>

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