

Spam and Mail Infrastructure Management

with COMDOM Antispam 2.0 and Parallels® Virtuozzo Containers 4.0

Spam and Server Infrastructure

Spam constitutes more than 90% of all emails. Fortunately, improvements in spam filtering systems at the server level mitigate the costs of this noise on end users. However, the volume and sophistication of spam continues to drain the administrative and physical resources of enterprises and other organizations. Network administrators use four classes of instruments to mitigate the network costs of spam and maintain the stability of email and mobile messaging systems:

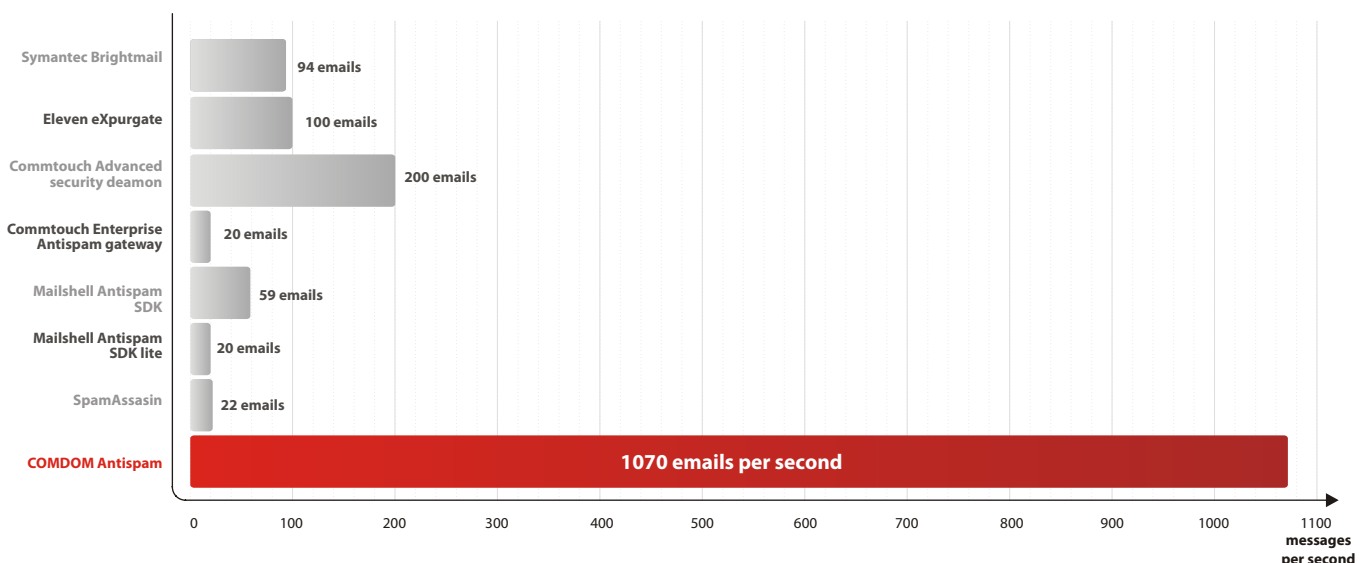
- Outsource filtering of mail flows for spam, viruses, and other malware to specialized hosting companies.
- Adopting spam filters that are not only accurate, but also fast, hence minimizing the number of physical servers required to process the same level of traffic.
- Distributing the load across different physical servers.
- Implementing virtualization techniques to optimize the use of existing Infrastructures and consolidate their management.

COMDOM Antispam 2.0 and **Parallels® Virtuozzo Containers 4.0** allow organizations that do not want to outsource email processing to minimize the costs of spam while consolidating the management and control of messaging servers. This document provides an overview of the benefits from the implementation of these second generation spam filtering and virtualization technologies.

Unique features of COMDOM

- **Extremely accurate in terms of both false positives and negatives.**
- **Between 5 to 35 times faster than your existing antispam system.**
- **Functions as a stand alone Mail Transfer Agent with authentication and load balancing support that allows for distribution of load across multiple servers.**
- **Remote and easy to manage control over mail flows.**
- **Does not require changes to existing network topology and integrates seamlessly with existing infrastructure.**
- **Unique features such as High Speed Image Part Recognition (IPR) Leading content scanning and filtering technology in both accuracy and throughput**

Comparison



Spam and Mail Infrastructure Management

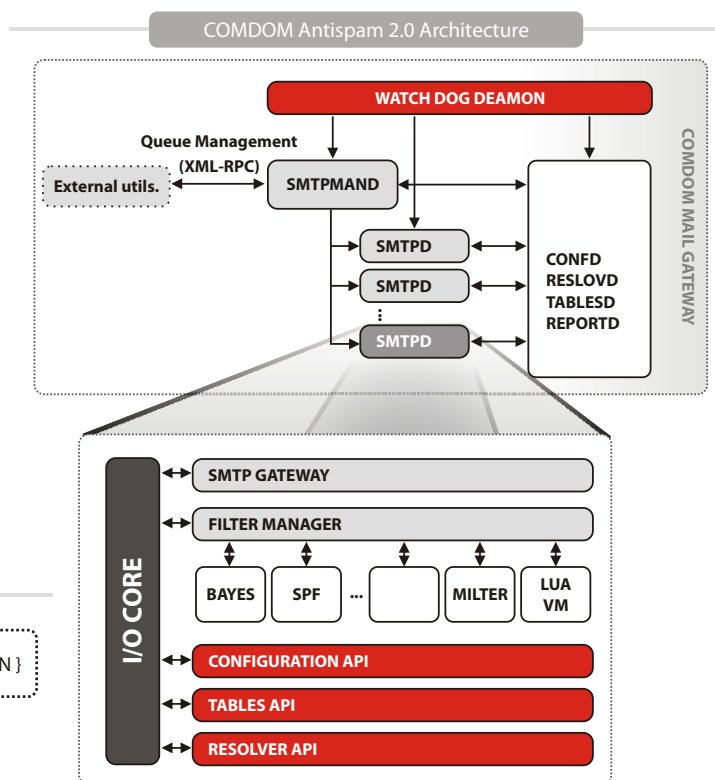
with COMDOM Antispam 2.0 and Parallels® Virtuozzo Containers 4.0

COMDOM Antispam

COMDOM Antispam is the leading content scanning and spam filtering system in the global market for the Linux platform. Designed to minimize bandwidth, hardware, and administrative costs posed by spam on ISPs and corporate networks, COMDOM Antispam is significantly faster than other scalable systems for processing large volumes of messages.

In practice, this means that one server running COMDOM Antispam can handle the same traffic as 30 servers running on first generation content filters, and 6 servers using leading checksum/fingerprinting systems for identification and processing spam. According to West Coast Labs, COMDOM allows for fine grained control over the flow of mail that goes into and out of a corporate network. The system has a proven track record in ISP environments, particularly on servers facing high loads, and where stability and uptime are crucial.

COMDOM's IPR: Sample of text recognition



Parallels® Virtuozzo Containers 4.0

Parallels Virtuozzo Containers 4.0 is the world's leading operating system (OS) virtualization solution, allowing IT administrators to dynamically partition single Linux or Windows instances into highly efficient and scalable containers. Parallels Virtuozzo Containers includes patented technology that enables density of up to hundreds of containers per physical server. Parallels Virtuozzo Containers address the challenges of operating system sprawl faced by today's data centers with its unique architecture and management tools that make it the ideal solution for provisioning, monitoring, and managing virtualized server resources.

- Manage a high performance virtualized infrastructure without learning a new OS.
- Create and deploy containers in seconds with unique provisioning functionalities.
- Leverage dynamic resource management for real-time changes of key system resources such as CPU, memory, network, disk, and I/O.
- Eliminate OS sprawl-related problems by deploying patches and upgrades globally to all containers and across servers.
- Easily migrate existing physical or other VMM servers to a Parallels Virtuozzo container via Parallels Transporter.
- Automate tasks and integrate with existing tools.

