

HOME

RESEARCH CENTERS

- + Security
- + LANs & WANs
- + VoIP & Convergence
- + Network Management
- + Wireless & Mobile
- + Software
- + Data Center
- + Small Business Networking
- Cisco Subnet
- Microsoft Subnet

EVENTS

IT BUYER'S GUIDES

CAREERS

NW SUBSCRIPTION

NW IDEMAND

ABOUT US

SITE RESOURCES

- News
- Newsletters
- Tests / Buyer's Guides
- Community
- Opinions
- Blogs
- Podcasts
- Chats
- Encyclopedia
- This Week in Print
- White Papers
- Executive Guides
- Special Reports
- Salary Calculator
- Webcasts
- RSS Feeds
- Video Library

LINUXWORLD.COM

JAVAWORLD.COM

DEMO.COM

PARTNER SITES

- On Demand Security
- Networking Solutions

[Check the health](#)

Brad Reese on Cisco

CISCO SUBNET

The independent voice of Cisco customers

[NetworkWorld.com](#) > [Community](#) > [Network World Blogs](#) > [Brad Reese's blog](#)

Competitive lab test: Fortinet FortiMail-4000A vs. Cisco IronPort C350 e-mail security appliance

Submitted by [Brad Reese](#) on Tue, 12/18/2007 - 7:30am.



The Power of Proof

Third Party Validation: Independent, Authoritative, Unbiased

Service providers and enterprise network architects can benefit from the adoption and deployment of integrated tools that offer protection from E-mail abuse.

This [Tolly Competitive Lab Test](#) focused on anti-spam/anti-virus effectiveness.



Kevin Tolly

[Tolly Group](#) engineers tested the performance of the [Fortinet FortiMail-4000A](#) against a [Cisco IronPort C350 E-mail Security Appliance](#).

In accordance with [The Tolly Group Fair Testing Charter](#), Cisco IronPort was invited to review the test methodology, offer suggestions for optimal configuration of its product and comment on its results.

A [Cisco IronPort](#) representative provided insight into tuning the configuration and updating firmware of the C350 appliance. Cisco IronPort reviewed the results of its IronPort C350.

On November 14th, 2007 Cisco IronPort confirmed the accuracy of the results.

[Read the entire lab test](#)

Features Verified on FortiMail-4000A and IronPort C350		
Feature/Function	FortiMail-4000A	IronPort C350
		Supported / Not Supported

JAVAWORLD.COM

DEMO.COM

PARTNER SITES

- On Demand Security
- Networking Solutions

Check the health
of your DNS

DNSreport
by DNSstuff.com

DNSreport

Enter domain name

Special Issues

New Data Center



SOA and the
adaptive data
center **NEW**

All-Stars



2007 Enterprise
All-Star winners
NEW

Salary Survey



2007 Salary
Survey report

Guide to



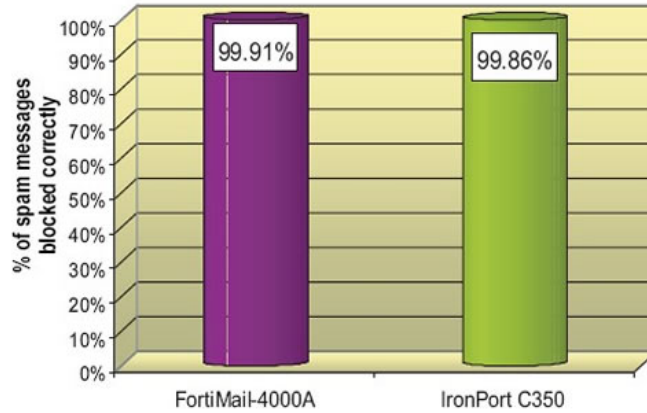
Data center

Features Verified on FortiMail-4000A and IronPort C350

Feature/Function	FortiMail-4000A	IronPort C350
	Supported / Not Supported	Supported / Not Supported
No per-user anti-spam license fee		
No third-party anti-virus licensing		
Graylist anti-spam filtering		
Transparent mode deployment		
Server mode deployment		
Gateway mode deployment		
Per-mailbox policy		
Configurable SMTP policy		

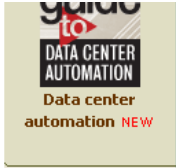
Spam Detection Percentage of FortiMail-4000A vs. IronPort C350 Appliance

Based on 28,751 and 26,581 Live Corporate
Spam Messages Received*



Spam Processing Analysis of Fortinet FortiMail-4000A versus IronPort C350

Category	FortiMail-4000A	IronPort C350
----------	-----------------	---------------



SPONSORED LINKS
See your link here.

SpamTitanVir...
Virtual v Physical Appliances -4 Compelling Reasons for Change

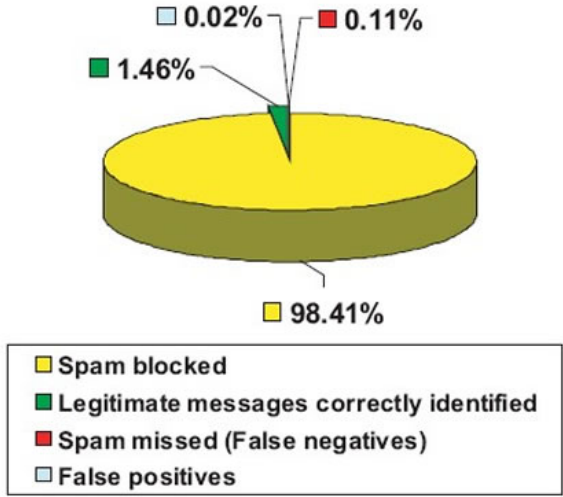
SpamTitan for VMware
Virtual email security appliance, \$1250/500 users,30 day free trial

IT Security Consultant?
176 free tips on IT security consulting to get high-paying clients.

Report For IT Consultants
Learn How IT Consultants Can Profit From Clients' Innovation Needs.

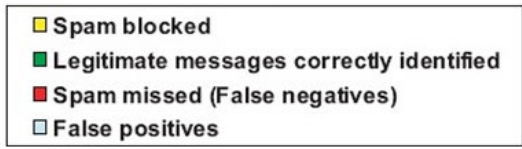
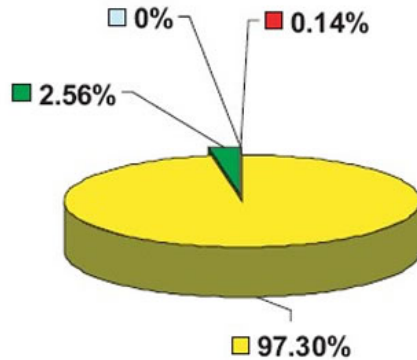
Spam Processing Analysis of Fortinet FortiMail-4000A versus IronPort C350		
Category	FortiMail-4000A	IronPort C350
Inbound Messages Tested*	29,187	27,280
Total Spam	28,751	26,581
Spam Blocked Correctly	28,726	26,544
Spam Detection Percentage	99.91%	99.86%
False Negatives (Spam missed)	31 out of 28,751	37 out of 26,581
False Positives (Classified as SPAM but not actually spam)	6 out of 1,984 quarantined messages	0 out of 261 quarantined messages
Legitimate Messages	426 out of 29,187	699 out of 27,280
Virus Messages Detected	4 out of 29,187	0 out of 27,280

FortiMail-4000A Anti-Spam Filtering Results
Based on 29,187 Incoming Live Corporate Messages Received

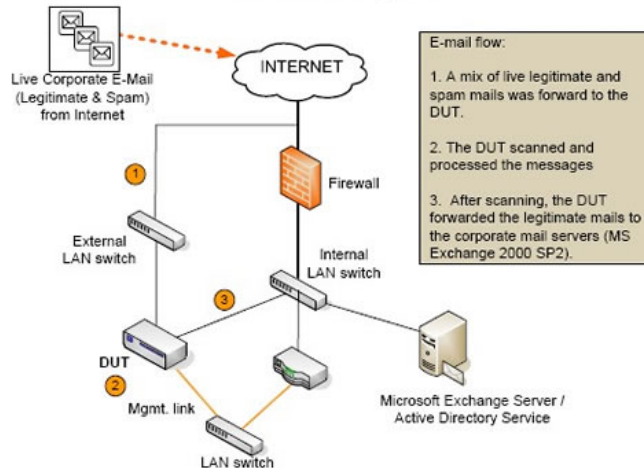


IronPort C350 Anti-Spam Filtering Results

Based on 27,280 Incoming Live Corporate Messages Received



Test Bed Diagram



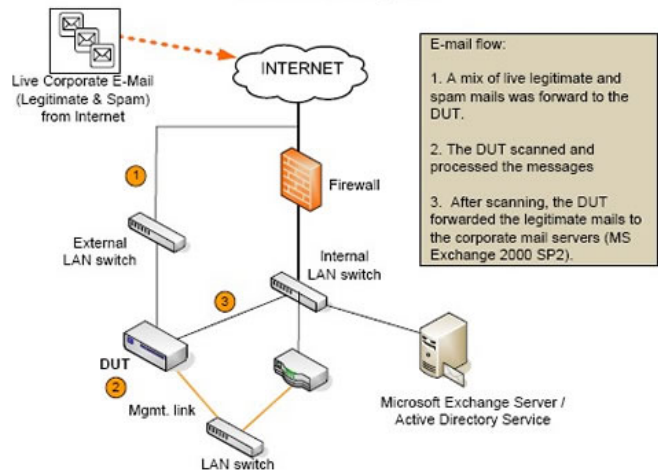
Tolly Competitive Lab Test Result:

This [Tolly lab test](#) showed that the [Fortinet FortiMail-4000A](#) is as accurate at blocking spam as the [Cisco IronPort C350 E-mail Security Appliance](#).

■ 97.30%

- Spam blocked
- Legitimate messages correctly identified
- Spam missed (False negatives)
- False positives

Test Bed Diagram



Tolly Competitive Lab Test Result:

This [Tolly lab test](#) showed that the [Fortinet FortiMail-4000A](#) is as accurate at blocking spam as the [Cisco IronPort C350 E-mail Security Appliance](#).

<http://www.BradReese.Com>

[Brad Reese's blog](#) [Reply](#) [Forward to a friend](#) [Delicious](#) [Digg](#) [Reddit](#)
[Furl](#) [Facebook](#) [Google](#) [Yahoo](#)

[Permalink](#)

Read more about:

[Cisco](#) [Data Center](#) [LANs / WANs](#) [Network Management](#) [Security](#) [SMB](#)
[Software](#) [Anti-Spam/Anti-Virus Effectiveness](#) [Cisco Competitive Lab Test Results](#)
[Cisco IronPort C350 E-mail Security Appliance](#) [Fortinet FortiMail-4000A](#) [Tolly](#)
[Competitive Lab Test Result](#) [Tolly Group Engineers Tested the Performance](#) [Tolly](#)
[Group Fair Testing Charter](#)