

DoubleCheck Email Manager™

Log, Monitor and Report on Your Email Traffic



Information You Can Use... Today!

"You can't manage what you can't measure." The award-winning DoubleCheck Email Manager delivers detailed logging, reporting and monitoring that makes it easy to improve how you use and manage your email. You will know that you saved money and increased productivity.

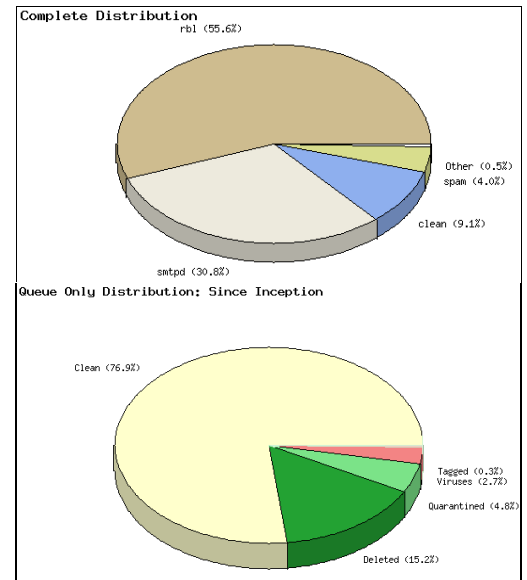
The DoubleCheck Email Manager™ with McAfee Anti-virus is a gateway email appliance that checks every email for spam, viruses and policy violations without requiring new desktop or server software.

Sample Reports and Charts

- Management Report
- Overall Report
- Non-Spam Report
- Spam Report
- Policy Violation Report
- Virus Report
- Outbound Sender Report

Overall Report for All Domains and Users (excerpt)

Overall Report for All Domains and Users						
Last 6 months All Email report						
Type	Count	Avg / month	MB	Percent of Total	Percent of Parent	
Connections **	911065	151844.17	-	100.00%	100.00%	
Denies	788535	131422.50	-	86.55%	100.00%	
▪ dnstfail	9455	1575.83	-	1.04%	1.20%	
▪ small-smtpd	225795	37632.50	-	24.78%	28.63%	
▪ rblsmtpd	539486	89914.33	-	59.21%	68.42%	
▪ smtp-auth	28	4.67	-	0.00%	0.00%	
▪ smtpauth	250	41.67	-	0.03%	0.03%	
▪ srf	1699	283.17	-	0.19%	0.22%	
▪ topserver	6161	1026.83	-	0.68%	0.78%	
Messages in Queue	122530	20421.67	7066.33 mb	13.45%	100.00%	
▪ Clean	93901	15650.17	4820.67 mb	10.31%	76.64%	
▪ Policy	1975	329.17	558.23 mb	0.22%	1.61%	
▪ quarantined	287	47.83	546.54 mb	0.03%	14.53%	
▪ rejected	1079	179.83	5.54 mb	0.12%	54.63%	
▪ Virus	2402	400.33	92.34 mb	0.26%	1.96%	
▪ deleted	1019	169.83	41.74 mb	0.11%	42.42%	
▪ Spam	24252	4042.00	94.21 mb	2.66%	19.79%	
▪ deleted	2554	425.67	3.92 mb	0.28%	10.53%	
▪ quarantined	826	137.67	2.60 mb	0.09%	3.41%	
▪ rejected	18571	3095.17	43.90 mb	2.04%	76.58%	
▪ tagged	2301	383.50	18.34 mb	0.25%	9.49%	



Top Inbound Senders, Spam Senders, Recipients and Spam Recipients

Top Inbound Senders						
rank	%	overall	smtp	queue	by email	
#1	1.1%	2357	0	2357	anonymous@mailqw.nmqi.com	
#2	0.7%	1438	1032	406	<>	
#3	0.5%	1110	1110	0	msoe@microsoft.com	
#4	0.4%	827	50	777	root@dc.nmqi.com	
#5	0.3%	548	0	548	whitefs@sbcglobal.net	

Top Inbound Spam Senders						
rank	%	spam	by email	rank	%	spam
#1	0.3%	50	support@paypal.com	#1	4.6%	748
#2	0.3%	45	support@citibank.com	#2	4.4%	722
#3	0.3%	44	support@citizensbank.com	#3	2.5%	410
#4	0.2%	33	gabriele@lowen.com	#4	2.2%	365
#5	0.1%	23	aw-confirm@ebay.com	#5	1.5%	247

Top Inbound Recipients						
rank	%	overall	smtp	queue	by email	
#1	7.9%	17080	8	15425	dallase@nmqi.com	
#2	6.7%	14444	0	6637	steveh@nmqi.com	
#3	6.6%	14237	0	3170	karenh@nmqi.com	
#4	5.7%	12276	1032	1987	<>	
#5	4.9%	10643	2	3464	randvi@nmqi.com	

Top Inbound Spam Recipients						
rank	%	spam	by email	rank	%	spam
#1	10.4%	1699	steveh@nmqi.com	#1	90.1%	14701
#2	9.9%	1623	<>	#2	9.9%	1623
#3	9.3%	1521	scotts@nmqi.com			
#4	8.8%	1432	karenh@nmqi.com			
#5	8.4%	1371	randvi@nmqi.com			

What's included in the new Management Report?

The Management Report is an all-in-one summary designed for managers, presidents, owners, or anyone who wants to better understand how email is being used.

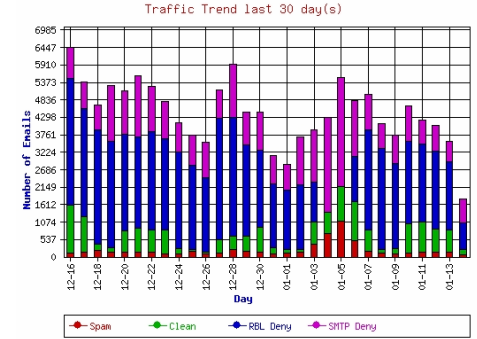
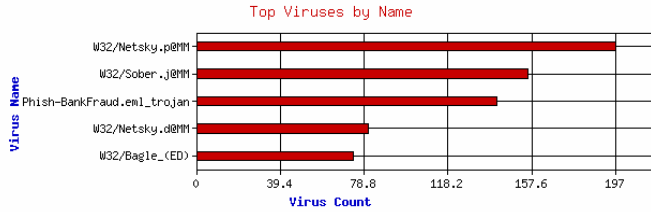
The report shows the Connectivity Status, System Status (maintenance expiration, cost savings, signatures, etc.), Inbound Email Statistics, Virus Statistics, Policy Violation Statistics, Outbound Email Statistics and basic graphs.

Top Inbound Virus Traffic and Policy Traffic

Traffic Trend Charts

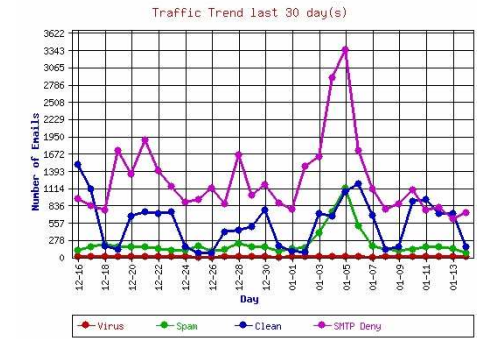
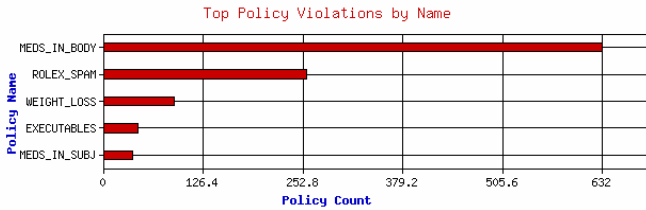
Top Inbound Virus Traffic

rank	%	virus	virus name	rank	%	virus	by recipient
#1	19.3%	197	W32/Netsky.p@MM	#1	27.5%	280	steveh@nmqi.com
#2	15.3%	156	W32/Sober.i@MM	#2	16.7%	170	dallase@nmqi.com
#3	13.8%	141	Phish-BankFraud.eml_trojan	#3	15.5%	158	info@nmqi.com
#4	7.9%	81	W32/Netsky.d@MM	#4	10.3%	105	karenh@nmqi.com
#5	7.3%	74	W32/Bagle_(ED)	#5	8.9%	91	kenm@nmqi.com



Top Inbound Policy Traffic

rank	%	policy	policy name	rank	%	policy	by sender
#1	57.5%	632	MEDS_IN_BODY	#1	2.0%	22	dallas@engelken.net
#2	23.4%	257	ROLEX_SPAM	#2	1.8%	20	do_not_reply@paypal.com
#3	8.2%	90	WEIGHT_LOSS	#3	1.1%	12	hhfmsclt@yahoo.com
#4	4.0%	44	EXECUTABLES	#4	1.0%	11	gisxdzmfzsybf@msn.com
#5	3.4%	37	MEDS_IN_SUBJ	#5	0.8%	9	neckicrabor@hotmail.com



Top Outbound Senders, Recipients and Policy Traffic

Top Outbound Senders

rank	%	overall	smtp	queue	by email	rank	%	overall	smtp	queue	by domain
#1	32.2%	5528	708	4820	steveh@nmqi.com	#1	95.0%	16299	965	15334	nmqi.com
#2	17.9%	3068	244	2824	scotts@nmqi.com	#2	0.8%	131	131	0	yahoo.com
#3	7.6%	1307	2	1305	dallase@nmqi.com	#3	0.2%	35	35	0	paypal.com
#4	7.1%	1220	0	1220	kenm@nmqi.com	#4	0.2%	33	0	33	engelken.net
#5	5.5%	949	0	949	joelc@nmqi.com	#5	0.2%	29	29	0	tdcfexpress.com

Top Outbound Recipients

rank	%	overall	smtp	queue	by email	rank	%	overall	smtp	queue	by domain
#1	1.8%	316	0	316	hdeberr@peels.com	#1	3.4%	581	12	569	inarammicro.com
#2	1.1%	189	0	189	ebarr@mmcpas.com	#2	2.3%	394	67	327	hotmail.com
#3	0.8%	137	0	134	jack.snyder@inarammicro.com	#3	2.2%	382	16	366	cox.net
#4	0.8%	134	0	132	dallas@engelken.net	#4	1.9%	332	0	332	peels.com
#5	0.8%	134	0	134	dirks@hutchnet.com	#5	1.9%	323	11	312	heartandtechnologies.com

Top Outbound Policy Traffic

rank	%	policy	policy name	rank	%	policy	by sender
#1	89.5%	239	EXECUTABLES	#1	85.8%	229	steveh@nmqi.com
#2	5.2%	14	WEIGHT_LOSS	#2	6.7%	18	dallase@nmqi.com
#3	4.5%	12	deny_mail_to_whatsoever	#3	4.5%	12	dallas@engelken.net
#4	0.7%	2	MEDS_IN_BODY	#4	2.6%	7	sonim@nmqi.com
				#5	0.4%	1	frankw@nmqi.com

What about Managing Outbound Email?

DoubleCheck allows you to scan, log and report on inbound and outbound email.

You can protect your organization's reputation from spreading viruses and policy violations. You can run detailed reports on who is sending email to whom, and how much.

Stop getting half the picture and start DoubleChecking your outbound email.

Database Search Results: Determine What is Denied and Why

Database Search Results				
Showing Rows: 1 - 25 of 160020				
Display Next 25 Records				
#	date / time	from / to / ip	type / error code	description
#1	Date: 2005-01-14 Time: 08:04:13 Queue Time: 0.00s	From: hewlett-packard@us.newsqam.hp... To: justin@nmqi.com IP: 206.165.246.56 [whois]	Block Type: rblsmtpd Error Code: 552	Blocked - see [info]
#2	Date: 2005-01-14 Time: 08:02:57 Queue Time: 0.00s	From: sobetty2@outgoing136.grabvoure... To: <> IP: 69.1.199.138 [whois]	Block Type: gmail-smtpd Error Code: 552	MAIL FROM: Domain does not Exist



Database Search: 28 Searchable Fields

Sample Reports and Logs

Database Search ?

Database Search

Search Database Table:

Date/Time: Greater Than / / : :

Date/Time: Less Than / / : :

Mail From: Email:

Mail From: Username Only:

Mail From: Domain Only:

Rcpt To: Email:

Rcpt To: Username Only:

Rcpt To: Domain Only:

Subject:

Server:

Message Size: bytes

Message ID:

Attachments:

Remote Ip:

Auth Name:

Additional Description:

Spam Score:

Spam Score:

Spam Status:

Policy Status:

Virus Status:

Delivery Event Info:

Group By:

Order By:

Then Order By:

Limit: Start Record:

Records per Page:

Quick Reports

- Define Custom Report
- Top Total Sending Domains
- Top Total Recipient Domains
- Top Total IP Addresses
- Top Spam Sending Domains
- Top Spam Recipient Domains
- Top Spam IP Addresses
- Top Policy Sending Domains
- Top Policy Recipient Domains
- Top Policy IP Addresses
- Top Virus Sending Domains
- Top Virus Recipient Domains
- Top Virus IP Addresses

Reports

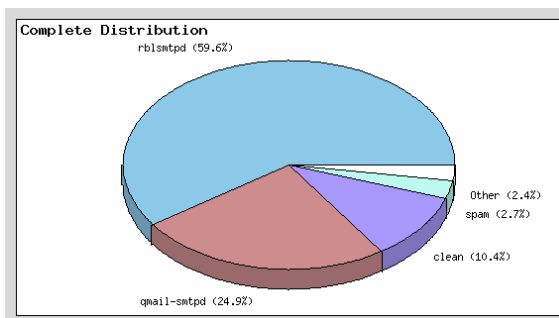
- NEW Management Report
- Overall Report
- Non-Spam Report
- Spam Report
- Policy Violation Report
- Virus Report

Log Section

- General Settings
- NEW Quick Search
- Database Search
- Queue Logs
- SMTP Logs
- NEW Quick Reports
- Reports
- Trend Analysis
- Cost Savings Calculator
- MRTG Graphs
- NEW Raw Logs

Configurable Graphs and Charts

Connection Status from Management Report



Connection Status			
Service	Port/Protocol	Outbound	Local
Mail Delivery (SMTP)	25/tcp	●	●
Name Resolution (DNS)	53/udp	●	●
Spam Updates (HTTP)	80/tcp	●	●
Virus Updates (FTP)	21/tcp	●	N/A
Pyzor Check	24441/tcp	●	N/A
Razor Check (66.151.150.12)	2703/tcp	●	N/A
DCC Check	6277/udp	●	N/A

Database Search Results: Detailed Logs of Email Data

Database Search Results ?

Showing Rows: 1 - 25 of 73419

#	date / time	from / to / subject	server / ip / auth	status / score / event
#1	Date: 2005-01-14 Time: 08:02:32 Queue Time: 14.43s	Sender: aaronfenn@nostalgiastreet.com Sending Domain: nostalgiastreet.com Recipient: randvi@nmgqi.com Subject: Further Educate Yourself :) Msg ID: <2PB7hupY71e@mausweb.com>	Server: mailgw.nmgqi.com IP: 69.110.12.108 [whois] Msg Size: 1.15 KB	Status: Spam Score: 17.30 / 4.00 Event: rejected
#2	Date: 2005-01-14 Time: 08:00:50 Queue Time: 0.00s	Sender: dev-return-15067-dallase=nmgqi... Sending Domain: spamassassin.apache.org Recipient: dallase@nmgqi.com Subject: [Bug 40761] Incorrect user_pref... Msg ID: <4076_41E7D091.E0e08898.spamassa...	Server: mailgw.nmgqi.com IP: 209.237.227.199 [whois] Msg Size: 3.31 KB	Status: Clean Score: Unscanned Event: delivered

Configurable Real-time Cost Savings Calculator

DoubleCheck Cost Savings Calculator

Spam Cost Savings		
RBL Denies	2,621,082	61.32%
SMTP Denies	1,505,524	35.22%
SPF Denies	8,365	0.20%
Spam Tagged	29,175	0.68%
Spam Quarantined	23,315	0.55%
Spam Deleted	73,723	1.72%
Spam Rejected	13,310	0.31%
Total Spam	4,274,494	100.00%
Average Time Spent per Spam Message	<input type="text" value="5"/> seconds	
Average Hourly Employee Cost	<input type="text" value="\$20.00"/> per hour	
Spam Cost Savings - Since Installation	\$118,735.94	
Spam Cost Savings - Annualized	\$50,668.30	
Virus Cost Savings		
Virus Detected - Since Installation	13,031	
Viruses Detected - Annualized	5,560.73	
Virus Outbreak Probability of Detected Viruses	<input type="text" value="0.10"/> %	
Virus Outbreak Cost per Outbreak	<input type="text" value="\$500"/>	
Virus Cost Savings - Since Installation	\$6,515.50	
Virus Cost Savings - Annualized	\$2,780.37	
Total Spam and Virus Cost Savings		
Runtime	855.3 days	
Since Installation	\$125,251.44	
Annualized	\$53,448.66	

MRTG Graphs of Key Metrics

MRTG Graphs

Display Graph:

- pick -
- Network Traffic on eth0
- Network Traffic on eth1
- Disk Usage - /
- Disk Usage - /var
- Disk Usage - /tmp
- CPU User vs Idle
- CPU Total Usage
- Swap Utilization
- RAM Utilization
- 1 Minute System Load
- 5 Minute System Load
- 15 Minute System Load
- Total Email Processed
- Clean Email Processed
- Spam Email Processed
- Policy Violations Processed
- Virus Infected Email Processed
- Message Delivery Status
- Amount of Email Processed
- Message Size of Email Processed
- SMTP Incoming Concurrency
- Local/Remote Concurrency
- SMTP Accept/Deny Traffic
- Amount of Messages in Queue
- RBL Denies
- SPF Denies

Network Traf

Network Traffic on eth0 (5 Min Avg)

CPU

CPU User vs Idle (5 Min Avg)

System Summary Report (Sent from DoubleCheck)

System Summary Report for mailgw.nmgi.com (dcid 0101)

Connection Status:

-> STMP (25/tcp)	Inbound: OK	Outbound: OK
-> HTTP (80/tcp)	Inbound: OK	Outbound: OK
-> DNS (53/udp)	Inbound: OK	Outbound: OK
-> FTP (21/tcp)	Inbound: -	Outbound: OK
-> DCC (6277/udp)	Inbound: -	Outbound: OK
-> Pyzor (24441/udp)	Inbound: -	Outbound: OK
-> Razor2 (2703/tcp)	Inbound: -	Outbound: OK

Anti-Virus Information:

- > Engine Version: uvscan 4.4.00
- > Definition Version: 4417
- > Definition Status: Current

Anti-Spam Information:

- > Engine Version: 3.0.2-4101
- > Engine Status: Current

License Information:

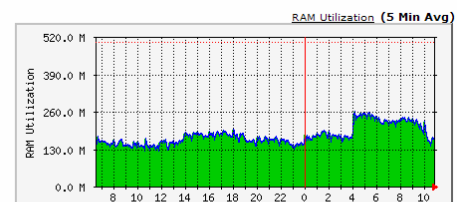
- > DoubleCheck Version: 4.1.01
- > DCID: 0101
- > Maintenance Status: Active
- > Maintenance Expires: 08/08
- > Total Domains: 3
- > Personalized Domains: 2

Data Since Last Status Report: Wed Dec 31 17:59:55 1969

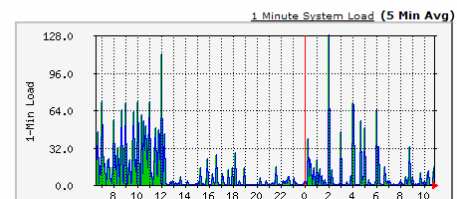
Inbound stats	emails	%all	%parent
-> Total Connections	205959	100.00	100.00
-> Total Denies	146384	71.07	100.00
-> Total Email	59575	28.93	100.00
-> Clean	44889	21.80	75.35
-> Spam	12759	6.19	21.42
-> Virus	1214	0.59	2.04
-> Policy	713	0.35	1.20

Outbound stats	emails	%all	%parent
-> Total Connections	31105	100.00	100.00
-> Total Denies	12203	39.23	100.00
-> Total Email	18902	60.77	100.00
-> Clean	16126	51.84	85.31
-> Spam	2125	6.83	11.24
-> Virus	29	0.09	0.15
-> Policy	622	2.00	3.29

System Memory



System Load



SMTP Level Graphs

