



Reports Selection

Menu Options

The Reports menu selection displays completed, pending, and reports that are still running.

Completed reports can be viewed by selecting the spyglass icon to the left of the report. When viewing a report there is an option at the top of the page to email the report. Simply enter the email address and click "Send Mail". Multiple recipients can be accommodated by placing a comma between email addresses.

Completed reports can be deleted by selecting the trash can to the left of the report.

Pending reports can be edited to modify the various parameters of the report.

MAIN / SYSTEM / LOGS / REPORTS / SPAM / POLICY / VIRUS / SMTP / HELP Server: mailgw.nmgi.com

Reports Manager ?

[\[Legacy Reports\]](#)

	Status	Title	Scope	Frequency	Date Range
	Completed (Completed: 2008-01-18)	Overall Report (Overall Report)	@nmgi.com	Once	2007-12-19 - 2008-01-18
	Completed (Completed: 2008-01-18)	Quick Report (Top Senders of Spam)	GLOBAL	Once	2008-01-11 - 2008-01-18
	Completed (Completed: 2008-01-18)	Status Report	GLOBAL	Every Day	2008-01-17 - 2008-01-18
	Completed (Completed: 2008-01-18)	Management Report	@nmgi.com	Every Day	2008-01-17 - 2008-01-18
	Completed (Completed: 2008-01-17)	Status Report	GLOBAL	Every Day	2008-01-16 - 2008-01-17
	Completed (Completed: 2008-01-17)	Management Report	@nmgi.com	Every Day	2008-01-16 - 2008-01-17
	Completed (Completed: 2008-01-16)	Status Report	GLOBAL	Every Day	2008-01-15 - 2008-01-16
	Completed (Completed: 2008-01-16)	Management Report	@nmgi.com	Every Day	2008-01-15 - 2008-01-16
	Completed (Completed: 2008-01-15)	Status Report	GLOBAL	Every Day	2008-01-14 - 2008-01-15
	Completed (Completed: 2008-01-15)	Management Report	@nmgi.com	Every Day	2008-01-14 - 2008-01-15
	Completed (Completed: 2008-01-14)	Status Report	GLOBAL	Every Day	2008-01-13 - 2008-01-14



To add a new report:

Select the “Add New Report” button

Description: Enter a short description in the text box. (This is not required.)

Report Type selections include: Quick Report, Management Report, Overall Report, Cost Savings Report, System Status Report, or Trends Chart.

Sub-Type selections include:

- Senders (unique email addresses sending email)
- Sender Domains (unique domain names sending email)
- Recipients (unique email addresses receiving email)
- Recipient Domains (unique domain names receiving email)
- Sender IPs (the full digital address of the sending server)
- Sender HELOs (the initiation of an SMTP connection starts with a HELO)

Frequency selections include:

- Once (run this report one time only)
- Every Day (run the report every day)
- Every Week (run the report weekly)
- Every Month (run the report monthly)

Range selections include:

- Last Month (30 days)
- Last Week (7 days)
- Last Day (24 hours)

OR

- Custom (If selected please enter a Start Time and End Time in the area provided.)

Select the “Save Report Definition” button in the lower left corner of the screen when ready.

MAIN / SYSTEM / LOGS / REPORTS / SPAM / POLICY / VIRUS / SMTP / HELP Server: mailgw.nmgi.com

Define Report ?

Description:	<input type="text"/>
Report Type:	-- Select --
Frequency:	<input checked="" type="checkbox"/> Once <input type="checkbox"/> Every Day <input type="checkbox"/> Every Week <input type="checkbox"/> Every Month
E-Mail:	<input type="checkbox"/> E-Mail this Report
Scope:	Global
Range: <input checked="" type="checkbox"/> Last Month <input type="checkbox"/> Last Week <input type="checkbox"/> Last Day <input type="checkbox"/> Custom	
Start Time: 2007 / December / 19 2 : 50 PM	
End Time: 2008 / January / 18 2 : 50 PM	
<input type="button" value="Save Report Definition"/> <input type="button" value="Reset"/>	



Reports Selection

Quick Report

The Quick Report contains several selections to help you obtain information:

- Senders (unique email addresses sending email)
- Sender Domains (unique domain names sending email)
- Recipients (unique email addresses receiving email)
- Recipient Domains (unique domain names receiving email)
- Sender IPs (the full digital address of the sending server)
- Sender HELOs (the initiation of an SMTP connection starts with a HELO)

The scope of a report can include:

- Global (all mail routes configured on a physical DoubleCheck device)
- DCID (This is a unique DoubleCheck identification number which is assigned to a physical DoubleCheck unit or group of DoubleCheck mail routes on a hosted solution)
- Domain (Any domain configured with a mail route under SMTP > Recipient Domains & Mail Routes)
- User (A specific email address)

The flow selection allows the following:

- Inbound email (email flowing into DoubleCheck) Choose this if you are only scanning inbound email.
- Outbound email (email flowing out of DoubleCheck)
- Combined for both incoming and outgoing email.

The Order By selection allows you to choose how you want to see the results such as:

- Most Spam (email that scored above the spam identification threshold)
- Most Viruses (email that was identified as containing a virus)
- Most Policy (Policy violations which are created to block content via Policy > Add Policy)
- Largest Message Size (Size of email in bytes)
- Most Spam Hits (The Average Spam Score)

All of this information will be on the report regardless of the order you select. The results will have a Clean, Spam, Virus, Policy, Bytes and Average Score columns.

The results will include the Top 50 based on the parameters you select.



Reports Selection

Example Quick Report Addition:

This example of producing a Quick Report will identify the Top 50 Sender of spam. This report is useful when you want to create SMTP Envelope Rules or blacklist entries to block senders.

Select "Add New Report"

Description: This selection is optional. For this example input "Top Senders of Spam"

Report Type: Select Quick Report

Sub-Type: Select Senders

Frequency: Select Once

Range: Select Last Week

Email: Click the box to the left of Email this report and enter your email address in the box that appears

Scope: Select Global

Flow: Select Inbound

Order by: Select Most Spam

Select "Save Report Definition."

The report you created will start running immediately if there are no reports running when you saved the report. Select the "Refresh" button to see when the report finishes or simply look for the email to arrive in your inbox.

MAIN / SYSTEM / LOGS / REPORTS / SPAM / POLICY / VIRUS / SMTP / HELP Server: mailgw.nmgi.com

Email this report to:

Quick Report (Top Senders of Spam)

Showing Top 50 Senders by Most Spam Mail for All Users
2008-01-11 09:00:00 thru 2008-01-18 09:00:00

Statistics		Totals						
Top 50 Senders (Combined)		Total	Clean	Spam	Virus	Policy	Bytes	Avg Score
<input type="checkbox"/>	1. mail@hutchisonetal.com	138	4	134	0	0	787606	129.6
<input type="checkbox"/>	2. jasona@nmcs.biz	43	17	26	0	0	378655	54.7
<input type="checkbox"/>	3. frump334@i-broadcaster.com	14	0	14	0	0	12152	214.9
<input type="checkbox"/>	4. qoooleeasvprofita@celadonburdock.com	12	0	12	0	0	28780	10.1
<input type="checkbox"/>	5. luddite@ahinilemc.com	12	0	12	0	0	10188	215.4
<input type="checkbox"/>	6. subscriber.618817.bulletins@eb.amediausa.com	11	0	11	0	0	298886	15.0



Reports Selection

Management Report

The Management Report is a comprehensive report that allows you to specify the date range. It provides data for the selected time period only and will include System Status Statistics as well as Inbound and Outbound Email Statistics.

To add a Management Report

Select the "Add New Report" button

Description: Enter a short description in the text box. (This is not required.)

Report Type selections include: Management Report

Frequency selections include:

- Once (run this report one time only)
- Every Day (run the report every day)
- Every Week (run the report weekly)
- Every Month (run the report monthly)

Range selections include:

- Last Month (30 days)
- Last Week (7 days)
- Last Day (24 hours)

OR

- Custom (If selected please enter a Start Time and End Time in the area provided.)

Scope selections include:

- Global (all inbound and outbound mail routes configured on a physical DoubleCheck device)
- DCID (This is a unique DoubleCheck identification number which is assigned to a physical DoubleCheck unit or group of DoubleCheck mail routes on a hosted solution)
- Domain (Any domain configured with a mail route under SMTP > Recipient Domains & Mail Routes)
- User (A specific email address)

Flow selections include:

- Inbound email (email flowing into DoubleCheck) Choose this if you are only scanning inbound email.
- Outbound email (email flowing out of DoubleCheck)
- Combined for both incoming and outgoing email.



Management Report (continued)

Once you've finished choosing the report parameters, click the "Save Report Definition" button in the lower left corner of the screen.

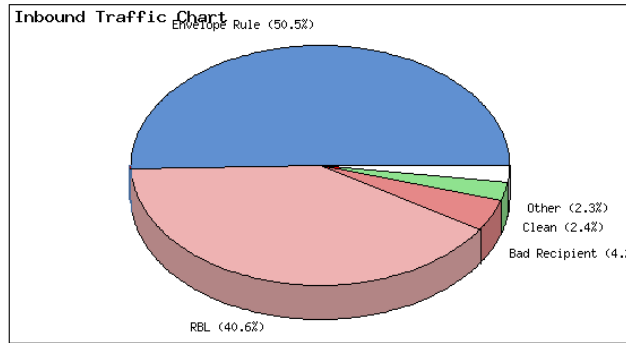
The System Status Section of the Management Report reflects:

- DoubleCheck software version
- User Information
- Cost Savings Calculation
- Anti-Virus Engine Status (McAfee)
- Anti-Phish Engine Status (ClamScan)
- Content Filter Engine Status (DoubleCheck)
- Anti-Spam Engine Status (SpamAssassin)
- Signature Status

System Status	
Category	Status
Software Version	4.2.39.3
User Information	Estimated Users: 36
Cost Savings <small>Assumes 1 sec/spam, \$20/hr average wage, \$500 per virus outbreak, 0.1% virus outbreak probability</small>	Days: 1 Spam Savings: \$363.24 Virus Savings: \$0.50 Total Savings: \$363.74 Average: \$363.74 / day
Anti-Virus (McAfee) Status	Scanning: Enabled Engine: uvscan v5.2.00 Dats: v5254 Status: Current
Anti-Phish (Clamscan) Status	Scanning: Enabled Engine: clamscan 0.91.2 Dats: 6300 Status: Current
Content Filter (DoubleCheck) Status	Scanning: Enabled
Antispam (Spamassassin) Status	Scanning: Enabled Engine: spamassassin 3.2.1
Signatures	Enabled

The Inbound Email Statistics reflects then number of connections and how they were handled in both numeric and graphic display:

Inbound Email Statistics				
Category	Messages	Daily Avg	% of Total	% of Parent
Total Connections	66,964	66,964.0	100.00%	—
Total Denies/Deferrals	65,058	65,058.0	97.15%	97.15%
▪ RBL	27,198	27,198.0	40.62%	41.81%
▪ SPF	139	139.0	0.21%	0.21%
▪ SMTPD	957	957.0	1.43%	1.47%
▪ DNS	113	113.0	0.17%	0.17%
▪ Bad Recipient	2,823	2,823.0	4.22%	4.22%
▪ Envelope Rule	33,828	33,828.0	50.52%	50.52%
Total Queued Email	1,906	1,906.0	2.85%	2.85%
▪ Clean	1,579	1,579.0	2.36%	82.84%
▪ Spam	285	285.0	0.43%	14.95%
▪ Virus	1	1.0	0.00%	0.00%
▪ Policy	41	41.0	0.06%	2.15%



Management Report (continued)

The report continues to provide other useful inbound statistics as follows:

Top Inbound Senders										
By Email				By Domain				Total	Denies	Queue
1.	eubirtta1950@abcosco.com	104	104	0	1.	adelphia.com	794	794	0	
2.	aureliolambertwd@usinternet.com	91	91	0	2.	att.net	478	478	0	
3.	mcgrath_jf@itsa.ucsf.edu	91	91	0	3.	yahoo.com	395	393	2	
4.	marlonriley_so@maxnet.co.nz	82	82	0	4.	earthlink.net	284	283	1	
5.	manage@nmg.com	81	0	81	5.	wikipedia.org	226	226	0	

Top Inbound Spam Senders									
By Email				By Domain				Total	Spam
1.	ubkejh@blushlingerie.com			3	1.	managebookmark.com		6	
2.	jaypitzer@sbcglobal.net			2	2.	mastersmanage.com		6	
3.	rachael@thebusinessweekly.com			2	3.	technicalgroupworld.com		4	
4.	bounce1@contwhoswho.com			2	4.	gmtoffers.net		4	
5.	castingdept@mchonegroup.net			2	5.	mx41.promotionaltarget.com		4	

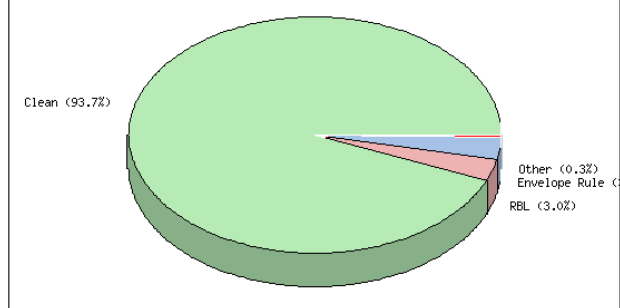
Top Inbound Recipients										
By Email				By Domain				Total	Denies	Queue
1.	randyj@nmg.com	308	233	75	1.	nmg.com	65,917	65,388	529	
2.	stevh@nmg.com	249	121	128						
3.	dallase@nmg.com	174	145	29						
4.	dustym@nmg.com	136	60	76						
5.	karenh@nmg.com	135	89	46						

Top Inbound Spam Recipients									
By Email				By Domain				Total	Spam
1.	stevh@nmg.com			92	1.	nmg.com		220	
2.	karenh@nmg.com			43					
3.	randyj@nmg.com			20					
4.	sonim@nmg.com			19					
5.	mikey@nmg.com			8					

The Outbound Statistics section reflects then number of connections and how they were handled in both numeric and graphic display:

Outbound Email Statistics

Category	Messages	Daily Avg	% of Total	% of Parent
Total Connections	335	335.0	100.00%	—
Total Denies/Deferrals	20	20.0	5.97%	5.97%
▪ RBL	10	10.0	2.99%	50.00%
▪ Envelope Rule	10	10.0	2.99%	2.99%
Total Queued Email	315	315.0	94.03%	94.03%
▪ Clean	314	314.0	93.73%	99.68%
▪ Spam	1	1.0	0.30%	0.32%

Outbound Traffic Chart



Management Report (continued)

The report continues to provide other useful inbound statistics as follows:

Top Outbound Senders

By Email				By Domain			
	Total	Denies	Queue		Total	Denies	Queue
1. steveh@nmgi.com	143	0	143	1. nmgi.com	335	20	315
2. manage@nmgi.com	121	0	121				
3. randyj@nmgi.com	25	0	25				
4. doublecheckdevelopment@nmgi.com	16	0	16				
5. helpdesk@nmgi.com	4	0	4				

Top Outbound Spam Senders

By Email		Spam	By Domain		Spam
1. doublecheckdevelopment@nmgi.com		1	1. nmgi.com		1

Top Outbound Recipients

By Email				By Domain			
	Total	Denies	Queue		Total	Denies	Queue
1. dustym@nmgi.com	75	1	74	1. nmgi.com	114	20	94
2. nbecker@grfcpa.com	10	0	10	2. grfcpa.com	20	0	20
3. mmeyers@grfcpa.com	10	0	10	3. fnliberal.com	13	0	13
4. doublecheckdevelopment@nmgi.com	8	0	8	4. cox.net	11	0	11
5. marc@questright.com	8	0	8	5. questright.com	8	0	8

Top Outbound Spam Recipients

By Email		Spam	By Domain		Spam
1. doublecheckdevelopment@nmgi.com		1	1. nmgi.com		1



Reports Selection

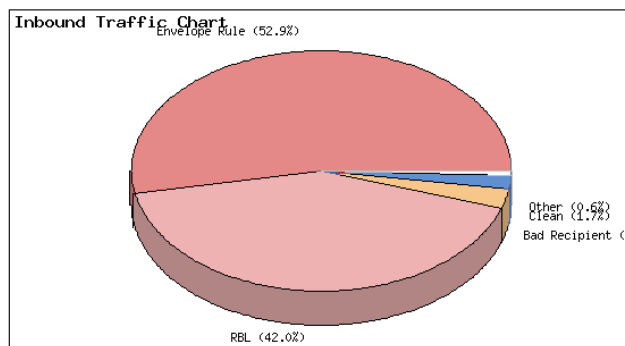
Overall Report

The Overall Report combines SMTP deny and queue level data into a single report. Accepting all of the default selection parameters will produce a report for the past 30 days for both inbound and outbound email for the Global scope. The following scopes are available for this report:

- Global (all inbound and outbound mail routes configured on a physical DoubleCheck device)
- DCID (This is a unique DoubleCheck identification number which is assigned to a physical DoubleCheck unit or a group of DoubleCheck mail routes on a hosted solution)
- Domain (Any domain configured with a mail route under SMTP > Recipient Domains & Mail Routes)
- User (A specific email address)

Results include Inbound Email Statistics which include Total Connections, Total Denies/Deferrals broken down into sub-categories as well as Total Queued Email broken into subcategories. This is followed by a pie-chart graph reflecting the same information.

Inbound Email Statistics				
Category	Messages	Daily Avg	% of Total	% of Parent
Total Connections	41,512	41,512.0	100.00%	—
Total Denies/Deferrals	40,656	40,656.0	97.94%	97.94%
▪ RBL	17,439	17,439.0	42.01%	42.89%
▪ SPF	28	28.0	0.07%	0.07%
▪ DNS	90	90.0	0.22%	0.22%
▪ Bad Recipient	1,123	1,123.0	2.71%	2.71%
▪ Envelope Rule	21,976	21,976.0	52.94%	52.94%
Total Queued Email	856	856.0	2.06%	2.06%
▪ Clean	719	719.0	1.73%	84.00%
▪ Spam	131	131.0	0.32%	15.30%
— Tagged	18	18.0	0.04%	13.74%
— Deleted	85	85.0	0.20%	64.89%
— Rejected	21	21.0	0.05%	16.03%
▪ Policy	6	6.0	0.01%	0.70%





Overall Report (continued)

The report includes statistics for:

- Top 10 Senders (unique email addresses sending email)
- Top 10 Sender Domains (unique domain names sending email)
- Top 10 Recipients (unique email addresses receiving email)
- Top 10 Recipient Domains (unique domain names receiving email)

Top 10 Senders (Inbound)	Total	Clean	Spam	Virus	Policy	Bytes	Avg Score
1. manage@nmgi.com	244	244				1,047,800	0.0
2. sonicwall@peoplesbankonline.com	64	64				1,599,025	-17.3
3. doublecheckdevelopment@nmgi.com	27	27				98,989	0.0
4. sonicwall@fnbtexhoma.com	19	19				24,323	-115.0
5. gpp-ecomm.itg@hp.com	11	11				161,077	0.0
6. tschartz3@hotmail.com	10	10				160,527	-1.7
7. sonicwall@en25.com	9	9				208,832	-1.6
8. www-data@dcam.nmgi.com	8	8				18,521	0.0
9. rodrigo.rampazzo@pearson.com	6	6				431,829	-19.0
10. eblake@cpi.eblake.imakenews.net	6	6				418,160	-1.2

Top 10 Sender Domains (Inbound)	Total	Clean	Spam	Virus	Policy	Bytes	Avg Score
1. nmgi.com	271	271				1,146,789	0.0
2. peoplesbankonline.com	65	65				1,605,724	-17.0
3. spamassassin.apache.org	22	22				266,907	-13.6
4. fnbtexhoma.com	19	19				24,323	-115.0
5. in.constantcontact.com	13	13				402,733	-0.5
6. hp.com	12	12				167,994	-1.2
7. hotmail.com	11	11				162,701	-1.5
8. pearson.com	10	10				448,306	-18.2
9. en25.com	10	10				240,408	-1.8
10. dcam.nmgi.com	8	8				18,521	0.0

Top 10 Recipients (Inbound)	Total	Clean	Spam	Virus	Policy	Bytes	Avg Score
1. steveh@nmgi.com	99	61	38			20,684,989	5.2
2. benb@nmgi.com	88	88				494,483	-0.3
3. dustym@nmgi.com	87	85	2			420,728	0.2
4. randyj@nmgi.com	75	64	10		1	8,411,690	0.5
5. ronw@nmgi.com	71	71				1,053,352	-0.1
6. iant@nmgi.com	66	66				1,841,514	-3.0
7. kenm@nmgi.com	45	41	4			868,427	-1.0
8. jaredj@nmgi.com	41	18	23			454,719	1.1
9. karenh@nmgi.com	33	20	13			378,811	3.8
10. gmsfilter@nmgi.com	29	29				36,890	-109.8

Top 2 Recipient Domains (Inbound)	Total	Clean	Spam	Virus	Policy	Bytes	Avg Score
1. nmgi.com	852	716	130		6	40,274,216	-3.2
2. doublecheckemail.com	4	3	1			4,326	6.4

The second half of the report reflects the same categories for Outbound Email displayed in the same format as Inbound Email.



Reports Selection

Cost Savings Report (Return on Investment)

The Cost Savings Report allows you to customize cost savings variables such as average time spent per spam message, average hourly wage, virus outbreak cost and virus outbreak probability. The selected parameters will be used together with system data to calculate cost savings.

The example below reflects the following selections:

Frequency: Last week

Average Time Per Spam: 1 second per message

Average Hourly Wage: \$20 per hour

Virus Outbreak Cost: \$500 per virus outbreak

Virus Outbreak Probability: .10%

Scope: Global

Cost Savings Report for All Users
 2008-04-16 12:50:00 through 2008-04-23 12:50:00 (7.0 days)
 Estimated using 1.0 sec/spam, \$20.00 hourly wage
 0.10% probability of Virus outbreak, \$500.00 Outbreak Cost

Description	Stats for 7.0 days	Savings for 7.0 days	Monthly Savings (est.) *	Annual Savings (est.) *
RBL Denies	228,401 50.88%	1,268.89	5,517.42	66,209.10
SMTP Denies	218,528 48.68%	1,214.04	5,278.93	63,347.10
SPF Denies	538 0.12%	2.99	13.00	155.96
Total Denies	447,467 99.68%	\$2,485.93	\$10,809.35	\$129,712.16
Tagged Spam	210 0.05%	1.17	5.07	60.88
Rejected Spam	228 0.05%	1.27	5.51	66.09
Deleted Spam	872 0.19%	4.84	21.06	252.78
Total Spam	1,310 0.29%	\$7.28	\$31.65	\$379.74
Deleted Viruses	8 0.00%	4.00	17.39	208.71
Total Viruses	8 0.00%	\$4.00	\$17.39	\$208.71
Rejected Policy Violations	96 0.02%	0.53	2.32	27.83
Total Policy Violations	96 0.02%	\$0.53	\$2.32	\$27.83
Total	448,881 100.00%	\$2,493.78	\$10,843.50	\$130,122.05

* Monthly and annual savings are estimated based on statistics from 7.0 days.



Reports Selection

System Status Report

The System Status Report reflects the current DoubleCheck software version system is utilizing, scan engine status, cost savings, connection type status for inbound and outbound ports. Inbound and outbound statistics are included as well. Most administrators choose to have this report emailed to them on a regular basis.

The System Status section is much like the Overall Report but also includes Connection Status information:

System Status		
Category	Status	
Software Version	4.2.40.0	
Cost Savings <small>Assumes 1 sec/spam, \$20/hr average wage, \$500 per virus outbreak, 0.1% virus outbreak probability</small>	Days: 1 Spam Savings: \$362.08 Virus Savings: \$0.00 Total Savings: \$362.08 Average: \$362.08 / day	
Anti-Virus (McAfee) Status	Scanning: Enabled Engine: uvscan v5.2.00 Dats: v5279 Status: Current	
Anti-Phish (Clamscan) Status	Scanning: Enabled Engine: clamscan 0.92.1 Dats: 6899 Status: Current	
Content Filter (DoubleCheck) Status	Scanning: Enabled	
Antispam (Spamassassin) Status	Scanning: Enabled Engine: spamassassin 3.2.4	
Signatures	Enabled	
Connection Status		
Connection Type	Inbound Status	Outbound Status
SMTP (25/tcp)	OK	OK
HTTP (80/tcp)	OK	OK
DNS (53/udp)	OK	OK
FTP (21/tcp)	N/A	OK
Pyzor (24441/udp)	N/A	OK
Razor2 (2703/tcp)	N/A	OK

The rest of the report reflects Inbound and Outbound statistics in numeric and graphic display.



Reports Selection

Trends Chart

The Trends Chart Report allows you to select the date range, scope, flow and category you want to review. You can select the graphical style you like as well as change the interval time displayed. Report selections include Clean, Spam, Virus, Policy, RBL Deny, SMTP Deny and SPF Deny.

All selections were used for a one month period for the following example:

