

중앙 집중식 정책, 바이러스 및 Outbreak 격리 설정 및 ESA에서 SMA로의 마이그레이션에 대한 모범 사례

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소개

이제 Cisco SMA(Security Management Appliance)에서 다음 격리를 전체적으로 중앙 집중화할 수 있습니다.

- 안티바이러스
- 신종 바이러스
- 에서 포착된 메시지에 사용되는 정책 격리:
 - 메시지 필터
 - 콘텐츠 필터
 - 데이터 유출 방지 정책

이러한 격리를 중앙 집중화하면 다음과 같은 이점이 있습니다.

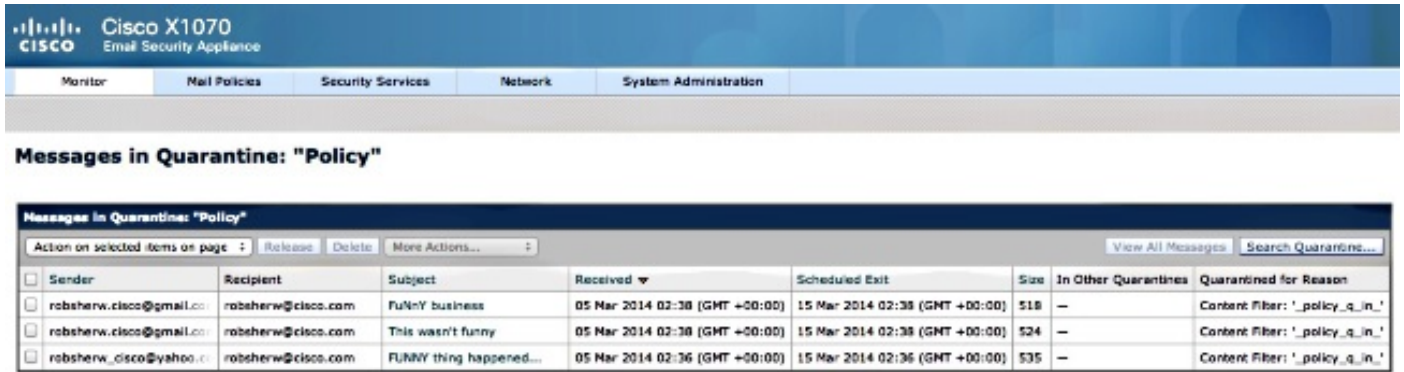
- 관리자는 여러 ESA(Email Security Appliance)의 격리된 메시지를 한 곳에서 관리할 수 있습니다.
- 격리된 메시지는 DMZ가 아닌 방화벽 뒤에 저장되므로 보안 위험이 줄어듭니다.
- 중앙 집중식 격리는 SMA의 표준 백업 기능의 일부로 백업할 수 있습니다.

사전 요구 사항

- 8.1을 실행하는 SMA(SMA 사용 설명서, [8장, 중앙 집중식 정책, 바이러스 및 Outbreak 격리](#))
- 8.0.1을 실행하는 ESA(ESA 사용 설명서, [27장, 격리](#))
- 방화벽 - 포트 7025/TCP(In/Out)/호스트 이름 사용: AsyncOS IP/설명: 이 기능이 중앙 집중화된 경우 Email Security Appliance와 Security Management Appliance 간에 정책, 바이러스 및 보안 침해 격리 데이터 전달

구성

ESA부터 기존 정책 격리에 있는 Policy Quarantine(정책 격리)에는 활성 메시지가 있습니다.



이러한 메시지를 마이그레이션한 다음 SMA를 정책 격리를 소유하는 액티브 어플라이언스로 사용하려면 다음 지침을 완료합니다.

SMA에서 Management Appliance(관리 어플라이언스) > Centralized Services(중앙 집중식 서비스) > Policy, Virus and Outbreak Quarantines(정책, 바이러스 및 Outbreak 격리)로 이동합니다. 아직 활성화되지 않은 경우 Enable(활성화)을 클릭합니다.

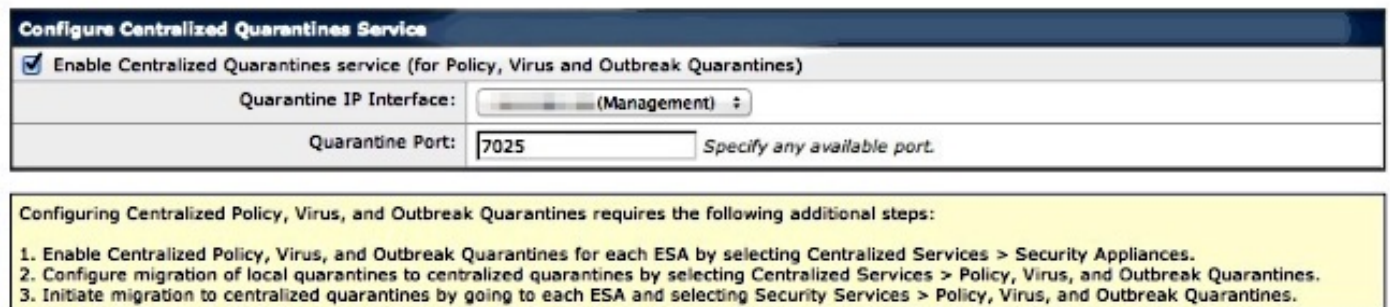
Policy, Virus and Outbreak Quarantines



ESA에서 SMA로의 트래픽을 처리하기 위한 인터페이스(해당되는 경우)를 선택합니다.


참고: Quarantine Port(격리 포트)를 변경할 수 있지만, 방화벽/네트워크 ACL이 있는 경우 이 포트를 열어야 합니다.

Policy, Virus and Outbreak Quarantines



Submit(제출)을 클릭합니다. 화면이 새로 고쳐져 아래에 표시된 ?서비스 활성화? 메시지가 표시됩니다.

Policy, Virus and Outbreak Quarantines

Attention —  Service enabled. You may proceed with next steps to enable the functionality completely, as shown below.

Policy, Virus and Outbreak (PVO) Quarantine Settings	
Centralized Quarantines Service:	Enabled
Quarantine IP Interface:	(Management)
Quarantine Port:	7025

[Edit Global Settings...](#)

Migration	
Multiple steps are required to completely configure the Centralized Quarantine service and to migrate existing quarantines messages from the Email appliances.	
Service Migration Steps and Status	
Migration Steps	Status
Step 1. On this SMA, select ESA appliances to use the centralized Policy, Virus, and Outbreak Quarantines	0 Email Appliances (ESAs) have the Centralized Quarantines service selected on the SMA. <i>To select additional ESA appliances, go to Management Appliance > Centralized Services > Security Appliances.</i>
Step 2. Configure migration of any messages currently quarantined on the ESAs	Migration is not configured for any appliances. Launch Migration Wizard...
Step 3. Log into each ESA to start migration and begin using centralized quarantines.	No ESAs selected.
Email Appliance Status	
Selected Email Appliances (ESAs)	Status
No ESAs selected.	

Management Appliance(관리 어플라이언스) > Centralized Services(중앙 집중식 서비스) > Security Appliances(보안 어플라이언스)로 이동하고 SMA에 ESA 통신을 추가합니다.

Security Appliances

Centralized Service Status	
Spam Quarantine:	Service disabled
Policy, Virus and Outbreak Quarantines:	Enabled, using 0 licenses <i>Migration configuration need to be completed before enabling Centralized Quarantines service from respective ESAs.</i>
Centralized Email Reporting:	Service disabled
Centralized Email Message Tracking:	Service disabled
Centralized Web Configuration Manager:	Service disabled
Centralized Web Reporting:	Service disabled

Security Appliances
Email
Add Email Appliance...
No appliances have been added.
Web
No centralized services are currently available.

Add Email Appliance를 클릭합니다.

참고: SMA에서 ESA와 통신하는 데 사용할 IP 주소만 추가하면 됩니다. 어플라이언스 이름은 관리 참조로만 사용됩니다.

Add Email Security Appliance

Email Security Appliance Settings	
Appliance Name:	ESA
IP Address: ?	192.168.1.100
ESA Centralized Services:	<input type="checkbox"/> Spam Quarantine: service disabled <input checked="" type="checkbox"/> Policy, Virus and Outbreak Quarantines <input type="checkbox"/> Centralized Reporting: service disabled <input type="checkbox"/> Centralized Message Tracking: service disabled
Connection Status:	Not established. Establish an SSH connection for synchronization of the Spam Quarantine's Safelist/Blocklist, Policy, Virus and Outbreak Quarantines, Centralized Reporting, and Message Tracking. <input type="button" value="Establish Connection..."/> <input type="button" value="Test Connection"/>

반드시 연결을 설정하고 연결을 테스트하십시오. SMA에서 ESA로의 연결이 설정되면 관리자 사용자 이름 및 비밀번호가 요청됩니다. 추가되는 ESA의 관리자 사용자 및 비밀번호입니다. 이미 활성화된 항목과 추가되는 항목을 기준으로 테스트 결과는 다를 수 있지만 다음과 비슷해야 합니다.

Add Email Security Appliance

Warning — Not all services are correctly configured on the remote appliance:

- Policy, Virus and Outbreak Quarantines capability check: OK
- Policy, Virus and Outbreak Quarantines service check: Warning: Go to *Centralized Services > Policy, Virus and Outbreak Quarantine* to configure migration once you submit/commit the changes.

SMA의 이 시점에서 변경 사항을 제출 및 커밋해야 합니다.

이때 ESA를 다시 방문하여 정책 격리의 Centralized Services(중앙 서비스) 섹션을 구성하려고 하면 다음과 같습니다.



Monitor

Mail Policies

Security Services

Network

IP Interfaces

Network Interfaces and IP Addresses

Add IP Interface...

Name

Management

Anti-Spam

IronPort Anti-Spam

Anti-Virus

Sophos

McAfee

Data Loss Prevention

RSA Email DLP

Cisco IronPort Email Encryption

IronPort Image Analysis

Outbreak Filters

SenderBase

Centralized Services

Reporting

Message Tracking

Policy, Virus and Outbreak Quarantines

Spam Quarantine

Service Updates

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Policy, Virus and Outbreak Quarantines

Policy, Virus and Outbreak Quarantines Setting

The Policy, Virus and Outbreak (PVO) Quarantines service is not enabled.

There are multiple steps to centralizing Policy, Virus and Outbreak (PVO) Quarantines, before you can enable service on this ESA...

- To configure migration of PVO Quarantines, go to SMA > Management Appliance > Centralized Services > Policy, Virus and Outbreak Quarantines).
- After you enable service and configure migration on the SMA, return here to enable Centralized Policy, Virus and Outbreak (PVO) Quarantines for this ESA.

Enable...

마이그레이션 단계는 SMA에서 완료해야 합니다. SMA로 돌아가 다음 섹션을 계속합니다.

Policy, Virus and Outbreak Quarantines

Warning — Appliance ESA has been added. Not all services are correctly configured on the remote appliance:

- Policy, Virus and Outbreak Quarantines capability check: OK
- Policy, Virus and Outbreak Quarantines service check: Warning: Go to *Centralized Services > Policy, Virus and Outbreak Quarantine* to configure migration once you submit/commit the changes.

Policy, Virus and Outbreak (PVO) Quarantine Settings	
Centralized Quarantines Service:	Enabled
Quarantine IP Interface:	1 (Management)
Quarantine Port:	7025

[Edit Global Settings...](#)

Migration		
Multiple steps are required to completely configure the Centralized Quarantine service and to migrate existing quarantines messages from the Email appliances.		
Service Migration Steps and Status		
Migration Steps		Status
Step 1.	On this SMA, select ESA appliances to use the centralized Policy, Virus, and Outbreak Quarantines	1 Email Appliances (ESAs) have the Centralized Quarantines service selected on the SMA. <i>To select additional ESA appliances, go to Management Appliance > Centralized Services > Security Appliances.</i>
Step 2.	Configure migration of any messages currently quarantined on the ESAs	⚠ Migration is not configured for 1 out of 1 selected ESAs. <i>Click on the Commit Changes to proceed with 'Launch Migration Wizard' for recently added appliances.</i>
Step 3.	Log into each ESA to start migration and begin using centralized quarantines.	⚠ Service is not active on 1 out of 1 selected ESAs. <i>Log into each ESA as required to enable the service (see status below).</i>
Email Appliance Status		
Selected Email Appliances (ESAs)		Status
ESA		⚠ Action Required: Use Migration Wizard to define migration mapping.

Commit Changes(변경 사항 커밋)가 완료되면 2단계의 Launch Migration Wizard(마이그레이션 시작 마법사)가 활성화됩니다.

⚠ Migration is not configured for 1 out of 1 selected ESAs.

Use the Migration Wizard to configure how quarantined messages will be migrated.

[Launch Migration Wizard...](#)

Launch Migration Wizard(마이그레이션 마법사 시작)를 선택하고 다음과 같이 계속합니다.

Configure Migration

Configure migration of ESA Policy Quarantines to Centralized Policy Quarantines

Please Note:
Migration of messages will start **when you will enable centralization** of Policy Quarantines from respective ESAs. At the same time, following things will happen:

- "Virus" and "Outbreak" Quarantines from selected ESAs, will be automatically migrated to respective Centralized Quarantines
- After completion of migration, all the local Policy Quarantines from ESA's (along with "Virus" and "Outbreak") will be deleted
- New messages will begin using new destination Centralized Quarantine on SMA

Configure migration of Policy Quarantines from ESAs associated with this SMA.

Automatic

- All (1) local Policy Quarantines and their messages will be migrated from all (1) ESAs.
- Centralized Policy Quarantine names will be created from existing local Policy Quarantine names.

Custom

- You can select local Policy Quarantines from individual ESAs to migrate.
- You can specify a Centralized Policy Quarantine name for each local ESA Policy Quarantines to migrate.

[Cancel](#) [Next >](#)

특정 격리만 마이그레이션할 경우 Custom(사용자 지정)을 선택합니다. 이 예에서는 ESA에서 SMA로 ANY/ALL 정책 격리를 마이그레이션하는 Automatic(자동)으로 계속합니다. 앞서 언급한 ESA 추가 과정에서 선택된 지정된 이름과 통신에 사용된 IP 주소가 표시됩니다.

Configure Migration

Configure migration of ESA Policy Quarantines to Centralized Policy Quarantines

Centralized Quarantines

Quarantine names will be automatically created on the SMA by replicating local Policy Quarantine names from ESAs.
If the same Policy Quarantine name exists on multiple ESAs, a single Centralized Policy Quarantine with that name will be created on the SMA.

Centralized Policy Quarantine Name	Migrating from ESA	Size
Policy	ESA (*)	1.54K

(01) Local Virus Quarantines (from selected 1 ESAs) will be automatically migrated to Centralized "Virus" Quarantine
(01) Local Outbreak Quarantines (from selected 1 ESAs) will be automatically migrated to Centralized "Outbreak" Quarantine

All (1) local Policy Quarantines and their messages will be migrated from all selected (1) ESAs (total 0G)
Available free space at Centralized Policy Quarantines is 36G

[< Back](#) [Next >](#)

Next(다음)를 클릭하고 계속합니다.

Configure Migration

Configure migration of ESA Policy Quarantines to Centralized Policy Quarantines

Migration is configured

Please Note:
Migration of messages will start **when you will enable centralization** of Policy Quarantines from respective ESAs. At the same time, following things will happen:

- "Virus" and "Outbreak" Quarantines from selected ESAs, will be automatically migrated to respective Centralized Quarantines
- After completion of migration, all the local Policy Quarantines from ESA's (along with "Virus" and "Outbreak") will be deleted
- New messages will begin using new destination Centralized Quarantine on SMA

마지막으로 Submit(제출)을 클릭하면 "Success(성공)" 알림이 표시됩니다.

Policy, Virus and Outbreak Quarantines

Success — Settings have been saved.

Policy, Virus and Outbreak (PVO) Quarantine Settings

Centralized Quarantines Service:	Enabled
Quarantine IP Interface:	Management
Quarantine Port:	7025

[Edit Global Settings...](#)

Migration

Multiple steps are required to completely configure the Centralized Quarantine service and to migrate existing quarantines messages from the Email appliances.

Service Migration Steps and Status

Migration Steps	Status
Step 1. On this SMA, select ESA appliances to use the centralized Policy, Virus, and Outbreak Quarantines	1 Email Appliances (ESAs) have the Centralized Quarantines service selected on the SMA. <i>To select additional ESA appliances, go to Management Appliance > Centralized Services > Security Appliances.</i>
Step 2. Configure migration of any messages currently quarantined on the ESAs	Migration is configured for all appliances. <i>Use the Migration Wizard to configure how quarantined messages will be migrated.</i>
Step 3. Log into each ESA to start migration and begin using centralized quarantines.	⚠ Service is not active on 1 out of 1 selected ESAs. <i>Log into each ESA as required to enable the service (see status below).</i>

[Launch Migration Wizard...](#)

Email Appliance Status

Selected Email Appliances (ESAs)	Status
ESA	⚠ Action Required: Log into ESA to enable Centralized Quarantine.

SMA에서 변경 사항을 커밋합니다.

ESA로 돌아가서 Security Services(보안 서비스) > Policy, Virus and Outbreak Quarantines(정책, 바이러스 및 Outbreak 격리)로 이동합니다. 이제 SMA의 필수 단계가 인식됩니다.

Policy, Virus and Outbreak Quarantines

Policy, Virus and Outbreak Quarantines Setting

✓ The prerequisite for enabling Centralized Policy, Virus, and Outbreak Quarantines service and configuring migration on the SMA are complete.
You can enable this ESA to use Centralized PVO Quarantines. This will begin migration of messages and quarantines to the Centralized Policy, Virus, and Outbreak Quarantines on the SMA. All messages and quarantines will be deleted from this ESA.

[Enable...](#)

Enable(활성화)을 클릭하고 다음을 계속합니다.

Policy, Virus and Outbreak Quarantines

Configure Centralized Quarantines Service	
<input checked="" type="checkbox"/> Enable Centralized Quarantines (for Policy, Virus and Outbreak Quarantines)	
SMA in use:	:7025
IP interface to accept messages released from SMA:	Management <small>Note: Please make sure selected interface is reachable from SMA 14.2.30.116. Use ping from the SMA to check for a working connection.</small>
Port:	7025 <small>You may use any available free port.</small>
Send Notification When Migration is Complete (Optional)	<input type="text"/> <small>Separate multiple email addresses with commas.</small>

Quarantines Migration			
<ul style="list-style-type: none">Migration to centralized quarantines will start as soon as you submit and commit this page.Please confirm that the migration configuration shown below is correct. Make any changes needed on the SMA before proceeding.Any Policy Quarantines not selected for migration will not be migrated and will be deleted from the ESA.			
Migration Configuration for Policy Quarantines (as Saved at :): ?			
Local (ESA) Quarantine		Target Centralized Quarantine at SMA	
Policy		Policy (Default Policy Quarantine)	
Filters and Actions to be Updated: ?			
Filters and Actions Requiring Updates	Type	Original Policy Quarantine (ESA)	New Centralized Policy Quarantine
No updates are required.			

여기서 통신에 사용되는 적절한 포트가 다시 표시됩니다. 이는 일치해야 하며, 방화벽/네트워크 ACL이 사용 중인 경우 ESA와 SMA 간의 적절한 마이그레이션을 허용하려면 를 열어야 합니다.

참고: ESA에 정책, 바이러스 및 Outbreak 격리가 구성되어 있는 경우 이 변경 사항을 커밋하자마자 격리 및 모든 메시지의 마이그레이션이 시작됩니다.

참고: 언제든지 하나의 마이그레이션 프로세스만 진행할 수 있습니다. 이전 마이그레이션이 완료될 때까지 다른 Email Security Appliance에서 중앙 집중식 정책, 바이러스 및 Outbreak 격리를 활성화하지 마십시오.

Submit(제출)을 클릭하고 마지막으로 Commit(커밋)을 클릭합니다. 정보 알림은 비슷해야 합니다. 이미 로컬 격리에 많은 메시지가 있는 경우 ESA에서 SMA로 메시지를 처리하는 데 시간이 걸릴 수 있습니다.

Policy, Virus and Outbreak Quarantines

Info — Migration of Policy, Virus and Outbreak Quarantines finished

Migration of Policy, Virus and Outbreak Quarantines is in progress: **100 %** Complete

Policy, Virus and Outbreak Quarantines Setting

Status:	Enabled
SMA in use:	:7025
IP interface to accept messages released from SMA:	Management
Port:	7025

[Edit Settings](#)

Centralized Policy Quarantines being used by this ESA (as configured at SMA " ")

Centralized Quarantines
Policy

SMA를 다시 방문하여 Management Appliance(관리 어플라이언스) > Centralized Services(중앙 집중식 서비스) > Policy, Virus and Outbreak Quarantines(정책, 바이러스 및 Outbreak 격리)로 이동합니다. 이제 마이그레이션 단계가 완료됩니다.

Policy, Virus and Outbreak Quarantines

Policy, Virus and Outbreak (PVO) Quarantine Settings

Centralized Quarantines Service:	Enabled
Quarantine IP Interface:	(Management)
Quarantine Port:	7025

[Edit Global Settings...](#)

Migration

Multiple steps are required to completely configure the Centralized Quarantine service and to migrate existing quarantines messages from the Email appliances.

Service Migration Steps and Status

Migration Steps	Status
Step 1. On this SMA, select ESA appliances to use the centralized Policy, Virus, and Outbreak Quarantines	1 Email Appliances (ESAs) have the Centralized Quarantines service selected on the SMA. <i>To select additional ESA appliances, go to Management Appliance > Centralized Services > Security Appliances.</i>
Step 2. Configure migration of any messages currently quarantined on the ESAs	Migration is configured for all appliances. <i>Use the Migration Wizard to configure how quarantined messages will be migrated.</i>
Step 3. Log into each ESA to start migration and begin using centralized quarantines.	Service is active on all selected ESAs.

[Launch Migration Wizard...](#)

Email Appliance Status

Selected Email Appliances (ESAs)	Status
ESA	Centralized quarantines are active.

확인

이때 ESA에서 SMA로 정책 격리의 마이그레이션이 완료됩니다. 최종 확인을 위해 SMA의 Policy Quarantine(정책 격리)을 확인합니다.

Management Appliance

Email

Web

Reporting

Message Tracking

Message Quarantine

Spam Quarantine

Policy, Virus and Outbreak Quarantines

Management Appliance

Email

Web

Reporting

Message Tracking

Message Quarantine

Policy, Virus and Outbreak Quarantines

Quarantines						
Add Policy Quarantine...		Search Across Quarantines				
Quarantine Name	Type	Messages	Default Action	Last Message Quarantined On	Size	Delete
Outbreak [Manage by Rule Summary]	Outbreak	0	Retention Varies Action: Release	--	0	
Policy	Centralized Policy	3	Retain 10 days then Delete	--	1.54K	
Unclassified	Unclassified	0	Retain 30 days then Release	--	0	
Virus	Antivirus	0	Retain 30 days then Delete	--	0	

Available space for Policy, Virus & Outbreak quarantines is 36G.

원래 ESA에 나열된 것과 동일한 메시지가 표시됩니다. 메시지 열에서 # 하이퍼링크를 선택하고 다음을 확인합니다.

Messages in Quarantine: "Policy"

Messages in Quarantine: "Policy"								
Action on selected items on page: Release Delete More Actions...				View All Messages Search Quarantine...				
<input type="checkbox"/>	Sender	Recipient	Subject	Received	Scheduled Exit	Size	In Other Quarantines	Quarantined for Reason
<input type="checkbox"/>	robshern.cisco@gmail.co	robshern@cisco.com	FuNnY business	05 Mar 2014 02:38 (GMT)	15 Mar 2014 02:38 (GMT)	518	--	ESA (14.2.30.113) Content Filter: '_policy_q_in.'
<input type="checkbox"/>	robshern.cisco@gmail.co	robshern@cisco.com	This wasn't funny	05 Mar 2014 02:38 (GMT)	15 Mar 2014 02:38 (GMT)	524	--	ESA (14.2.30.113) Content Filter: '_policy_q_in.'
<input type="checkbox"/>	robshern_cisco@yahoo.c	robshern@cisco.com	FUNNY thing happened...	05 Mar 2014 02:36 (GMT)	15 Mar 2014 02:36 (GMT)	535	--	ESA (14.2.30.113) Content Filter: '_policy_q_in.'

ESA의 mail_logs를 보면 실제 메시지의 마이그레이션이 표시됩니다.

참고: 포트 7025를 통해 ESA(XX.X.XX.XXX)와 SMA(YY.Y.YY.YYY) 간의 통신을 사용합니다.

```
Wed Mar 5 02:48:40 2014 Info: New SMTP DCID 2 interface XX.X.XX.XXX address
YY.Y.YY.YYY port 7025
Wed Mar 5 02:48:40 2014 Info: DCID 2 TLS success protocol TLSv1 cipher RC4-SHA
the.cpq.host
Wed Mar 5 02:49:52 2014 Info: New SMTP DCID 3 interface XX.X.XX.XXX address
YY.Y.YY.YYY port 7025
Wed Mar 5 02:49:52 2014 Info: DCID 3 TLS success protocol TLSv1 cipher RC4-SHA
```

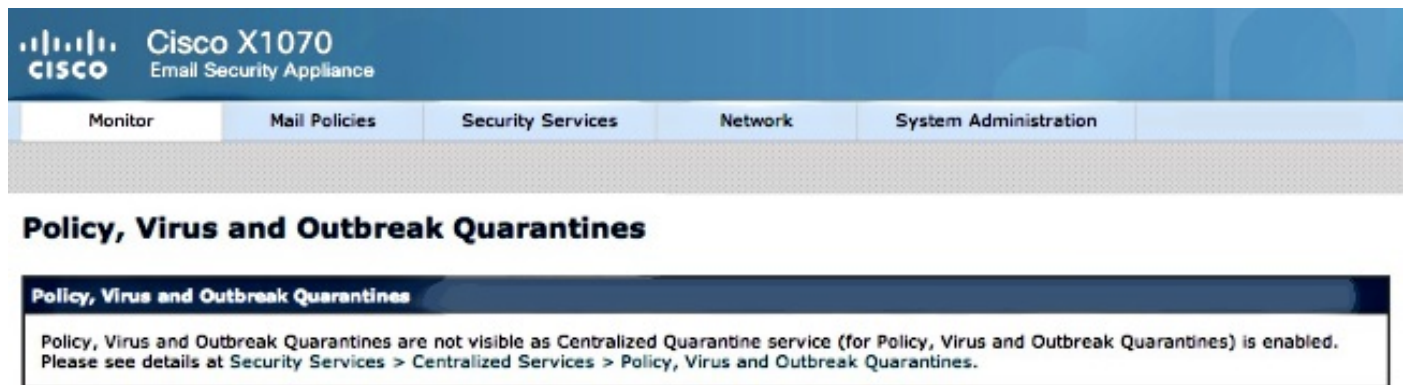
the.cpq.host
Wed Mar 5 02:50:22 2014 Info: New SMTP DCID 4 interface XX.X.XX.XXX address
YY.Y.YY.YYY port 7025
Wed Mar 5 02:50:22 2014 Info: DCID 4 TLS success protocol TLSv1 cipher RC4-SHA
the.cpq.host
Wed Mar 5 02:50:23 2014 Info: New SMTP DCID 5 interface XX.X.XX.XXX address
YY.Y.YY.YYY port 7025
Wed Mar 5 02:50:23 2014 Info: DCID 5 TLS success protocol TLSv1 cipher RC4-SHA
the.cpq.host
Wed Mar 5 02:50:40 2014 Info: New SMTP DCID 6 interface XX.X.XX.XXX address
YY.Y.YY.YYY port 7025
Wed Mar 5 02:50:40 2014 Info: DCID 6 TLS success protocol TLSv1 cipher RC4-SHA
the.cpq.host
Wed Mar 5 02:50:41 2014 Info: New SMTP DCID 7 interface XX.X.XX.XXX address
YY.Y.YY.YYY port 7025
Wed Mar 5 02:50:41 2014 Info: DCID 7 TLS success protocol TLSv1 cipher RC4-SHA
the.cpq.host
Wed Mar 5 02:50:42 2014 Info: New SMTP DCID 8 interface XX.X.XX.XXX address
YY.Y.YY.YYY port 7025
Wed Mar 5 02:50:42 2014 Info: DCID 8 TLS success protocol TLSv1 cipher RC4-SHA
the.cpq.host
Wed Mar 5 02:51:01 2014 Info: New SMTP DCID 9 interface XX.X.XX.XXX address
YY.Y.YY.YYY port 7025
Wed Mar 5 02:51:01 2014 Info: DCID 9 TLS success protocol TLSv1 cipher RC4-SHA
the.cpq.host
Wed Mar 5 02:51:01 2014 Info: CPQ listener cpq_listener starting
Wed Mar 5 02:51:01 2014 Info: New SMTP DCID 10 interface XX.X.XX.XXX address
YY.Y.YY.YYY port 7025
Wed Mar 5 02:51:01 2014 Info: DCID 10 TLS success protocol TLSv1 cipher RC4-SHA
the.cpq.host
Wed Mar 5 02:51:02 2014 Info: New SMTP DCID 11 interface XX.X.XX.XXX address
YY.Y.YY.YYY port 7025
Wed Mar 5 02:51:02 2014 Info: DCID 11 TLS success protocol TLSv1 cipher RC4-SHA
the.cpq.host
Wed Mar 5 02:51:02 2014 Info: MID 1 enqueued for transfer to centralized quarantine
"Policy" (content filter _policy_q_in_)
Wed Mar 5 02:51:02 2014 Info: MID 1 queued for delivery
Wed Mar 5 02:51:02 2014 Info: New SMTP DCID 12 interface XX.X.XX.XXX address
YY.Y.YY.YYY port 7025
Wed Mar 5 02:51:02 2014 Info: DCID 12 TLS success protocol TLSv1 cipher RC4-SHA
the.cpq.host
Wed Mar 5 02:51:02 2014 Info: Delivery start DCID 12 MID 1 to RID [0] to Centralized
Policy Quarantine
Wed Mar 5 02:51:02 2014 Info: MID 2 enqueued for transfer to centralized quarantine
"Policy" (content filter _policy_q_in_)
Wed Mar 5 02:51:02 2014 Info: MID 2 queued for delivery
Wed Mar 5 02:51:02 2014 Info: MID 3 enqueued for transfer to centralized quarantine
"Policy" (content filter _policy_q_in_)
Wed Mar 5 02:51:02 2014 Info: MID 3 queued for delivery
Wed Mar 5 02:51:02 2014 Info: Message done DCID 12 MID 1 to RID [0] (centralized
policy quarantine)
Wed Mar 5 02:51:02 2014 Info: MID 1 RID [0] Response 'ok: Message 1 accepted'
Wed Mar 5 02:51:02 2014 Info: Message finished MID 1 done
Wed Mar 5 02:51:02 2014 Info: MID 1 migrated from all quarantines
Wed Mar 5 02:51:02 2014 Info: Delivery start DCID 12 MID 2 to RID [0] to Centralized
Policy Quarantine
Wed Mar 5 02:51:02 2014 Info: New SMTP DCID 13 interface XX.X.XX.XXX address
YY.Y.YY.YYY port 7025
Wed Mar 5 02:51:02 2014 Info: DCID 13 TLS success protocol TLSv1 cipher RC4-SHA
the.cpq.host
Wed Mar 5 02:51:02 2014 Info: New SMTP DCID 14 interface XX.X.XX.XXX address
YY.Y.YY.YYY port 7025

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Wed Mar 5 02:51:02 2014 Info: DCID 14 TLS success protocol TLSv1 cipher RC4-SHA
the.cpq.host
Wed Mar 5 02:51:02 2014 Info: Message done DCID 12 MID 2 to RID [0] (centralized
policy quarantine)
Wed Mar 5 02:51:02 2014 Info: MID 2 RID [0] Response 'ok: Message 2 accepted'
Wed Mar 5 02:51:02 2014 Info: Message finished MID 2 done
Wed Mar 5 02:51:02 2014 Info: MID 2 migrated from all quarantines
Wed Mar 5 02:51:02 2014 Info: Delivery start DCID 12 MID 3 to RID [0] to Centralized
Policy Quarantine
Wed Mar 5 02:51:02 2014 Info: Message done DCID 12 MID 3 to RID [0] (centralized
policy quarantine)
Wed Mar 5 02:51:02 2014 Info: MID 3 RID [0] Response 'ok: Message 3 accepted'
Wed Mar 5 02:51:02 2014 Info: Message finished MID 3 done
Wed Mar 5 02:51:02 2014 Info: MID 3 migrated from all quarantines
Wed Mar 5 02:51:02 2014 Info: New SMTP DCID 15 interface XX.X.XX.XXX address
YY.Y.YY.YYY port 7025
Wed Mar 5 02:51:02 2014 Info: DCID 15 TLS success protocol TLSv1 cipher RC4-SHA
the.cpq.host
Wed Mar 5 02:51:07 2014 Info: DCID 12 close

```

ESA를 다시 방문하면 Policy(정책), Virus(바이러스), Outbreak Quarantines(Outbreak 격리)를 볼 때 다음 항목이 표시됩니다.



검증의 다음 단계는 ESA를 통해 정책 격리를 위해 포착될 새 테스트 메시지를 전송하는 것입니다. ESA에서 mail_logs를 보면, 강조 표시된 줄에 7025를 통한 ESA에서 SMA로의 전송이 표시되어 Policy Quarantine(정책 격리)을 나타냅니다.

```

Wed Mar 5 02:57:47 2014 Info: Start MID 4 ICID 6
Wed Mar 5 02:57:47 2014 Info: MID 4 ICID 6 From: <robsherw.cisco@gmail.com>
Wed Mar 5 02:57:47 2014 Info: MID 4 ICID 6 RID 0 To: <robsherw@cisco.com>
Wed Mar 5 02:57:47 2014 Info: MID 4 Message-ID
'<7642E61C-4BA2-432E-A524-E163EA0B9753@gmail.com>'
Wed Mar 5 02:57:47 2014 Info: MID 4 Subject 'NEW FUNNY'
Wed Mar 5 02:57:47 2014 Info: MID 4 ready 525 bytes from
<robsherw.cisco@gmail.com>
Wed Mar 5 02:57:47 2014 Info: MID 4 matched all recipients for per-recipient
policy DEFAULT in the inbound table
Wed Mar 5 02:57:47 2014 Info: MID 4 enqueued for transfer to centralized
quarantine "Policy" (content filter _policy_q_in_)
Wed Mar 5 02:57:47 2014 Info: MID 4 queued for delivery
Wed Mar 5 02:57:47 2014 Info: New SMTP DCID 16 interface XX.X.XX.XXX address
YY.Y.YY.YYY port 7025
Wed Mar 5 02:57:47 2014 Info: DCID 16 TLS success protocol TLSv1 cipher RC4-SHA

```

the.cpq.host

Wed Mar 5 02:57:47 2014 Info: Delivery start DCID 16 MID 4 to RID [0] to Centralized Policy Quarantine

Wed Mar 5 02:57:47 2014 Info: Message done DCID 16 MID 4 to RID [0] (centralized policy quarantine)

Wed Mar 5 02:57:47 2014 Info: MID 4 RID [0] Response 'ok: Message 4 accepted'

Wed Mar 5 02:57:47 2014 Info: Message finished MID 4 done

Wed Mar 5 02:57:52 2014 Info: DCID 16 close

이전에 언급한 SMA의 정책 격리를 다시 방문하십시오. 이제 새 테스트 메시지도 격리됩니다.

Messages in Quarantine: "Policy"



Sender	Recipient	Subject	Received	Scheduled Exp	Size	In Other Quarantines	Originating ESA	Quarantined for Reason
robsherw@disco@gmail.co	robsherw@disco.com	NEW FUNNY	05 Mar 2014 02:57 (GMT)	15 Mar 2014 02:57 (GMT)	525	-	ESA (14.2.30.113)	Content Filter: '_policy_q_in_'
robsherw@disco@gmail.co	robsherw@disco.com	FuNnY businss	05 Mar 2014 02:38 (GMT)	15 Mar 2014 02:38 (GMT)	518	-	ESA (14.2.30.113)	Content Filter: '_policy_q_in_'
robsherw@disco@gmail.co	robsherw@disco.com	This wasn't funny	05 Mar 2014 02:38 (GMT)	15 Mar 2014 02:38 (GMT)	524	-	ESA (14.2.30.113)	Content Filter: '_policy_q_in_'
robsherw_cisco@yahoo.c	robsherw@disco.com	FUNNY thing happened...	05 Mar 2014 02:36 (GMT)	15 Mar 2014 02:36 (GMT)	535	-	ESA (14.2.30.113)	Content Filter: '_policy_q_in_'

관련 정보

- [ESA 중앙 집중식 정책, 바이러스 및 PVO\(Outbreak Quarantine\)를 활성화할 수 없습니다.](#)
- [Cisco Email Security Appliance - 엔드 유저 가이드](#)
- [기술 지원 및 문서 - Cisco Systems](#)

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