

Manual Log Deletion for Cisco Secure Email Gateway

Contents

Introduction

This document describes the new action **deletelogfiles**, including steps to perform the action for Cisco Secure Email Gateway (SEG).

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Prerequisites

AsyncOS 15.0.0 and newer for Cloud Email Security and On-Premise Secure Email Appliance.

Components Used

Cisco SEG

CLI access method

The information in this document was created from the devices in a specific lab environment. All of the devices used in this document started with a cleared (default) configuration. If your network is live, ensure that you understand the potential impact of any command.

Configure

The next instructions present the new log functionality to delete individual log files within each SEG device.

Why? Some situations can warrant the need to purge sensitive content from the SEG.

Each Log Subscription is made up of a collection of individual files containing a date stamp for each file within the name, ending with the start of the next log containing a sequential date within the name.

The action can be performed on stand alone SEG as well as at Machine Level within a Cluster.

Step 1. Login via CLI and type the next commands **logconfig > deletelogfile > Select the number representing the log subscription > Select the number representing the log > Y** to confirm.

Note: The delete action is immediate, permanent and does not require the user to commit changes.

```
> logconfig
```

```
NOTICE: This configuration command has not yet been configured for the current cluster mode (Machine es
```

```
What would you like to do?
```

```
1. Switch modes to edit at mode "Cluster Hosted_Cluster".
```

2. Start a new, empty configuration at the current mode (Machine esa1.hcXXXX-XX.iphmx.com).
 3. Copy settings from another cluster mode to the current mode (Machine esa1.hcXXXX-XX.iphmx.com).
- [1]>

Currently configured logs:

Log Name	Log Type	Retrieval	Interval
1. amp	AMP Engine Logs	Manual Download	None
2. amparchive	AMP Archive	Manual Download	None
3. antispam	Anti-Spam Logs	Manual Download	None
4. antivirus	Anti-Virus Logs	Manual Download	None
5. asarchive	Anti-Spam Archive	Manual Download	None
6. audit_logs	Audit Logs	Manual Download	None
7. authentication	Authentication Logs	Manual Download	None
8. avarchive	Anti-Virus Archive	Manual Download	None
9. bounces	Bounce Logs	Manual Download	None
10. cli_logs	CLI Audit Logs	Manual Download	None
11. cloud_connector	Cloud Connector Logs	Manual Download	None
12. config_history	Configuration History Logs	Manual Download	None
13. content_scanner	Content Scanner Logs	Manual Download	None
14. csa	Cisco Security Awareness Logs	Manual Download	None
15. csn_logs	CSN Logs	Manual Download	None
16. ctr_logs	CTR Logs	Manual Download	None
17. dlp	DLP Logs	Manual Download	None
18. eaas	Advanced Phishing Protection Logs	Manual Download	None
19. ecs_logs	ESA Cloud Scanner Logs	Manual Download	None
20. encryption	Encryption Logs	Manual Download	None
21. error_logs	IronPort Text Mail Logs	Manual Download	None
22. euq_logs	Spam Quarantine Logs	Manual Download	None
23. euqgui_logs	Spam Quarantine GUI Logs	Manual Download	None
24. ftpd_logs	FTP Server Logs	Manual Download	None
25. gmarchive	Graymail Archive	Manual Download	None
26. graymail	Graymail Engine Logs	Manual Download	None
27. gui_logs	HTTP Logs	Manual Download	None
28. ipr_client	IP Reputation Logs	Manual Download	None
29. mail_logs	IronPort Text Mail Logs	Manual Download	None
30. remediation	Remediation Logs	Manual Download	None
31. reportd_logs	Reporting Logs	Manual Download	None
32. reportqueryd_logs	Reporting Query Logs	Manual Download	None
33. s3_client	S3 Client Logs	Manual Download	None
34. scanning	Scanning Logs	Manual Download	None
35. sdr_client	Sender Domain Reputation Logs	Manual Download	None
36. service_logs	Service Logs	Manual Download	None
37. slbld_logs	Safe/Block Lists Logs	Manual Download	None
38. smartlicense	Smartlicense Logs	Manual Download	None
39. snmp_logs	SNMP Logs	Manual Download	None
40. sntpd_logs	NTP logs	Manual Download	None
41. status	Status Logs	Manual Download	None
42. system_logs	System Logs	Manual Download	None
43. threatfeeds	Threat Feeds Logs	Manual Download	None
44. trackerd_logs	Tracking Logs	Manual Download	None
45. updater_logs	Updater Logs	Manual Download	None
46. upgrade_logs	Upgrade Logs	Manual Download	None
47. url_rep_client	URL Reputation Logs	Manual Download	None

Choose the operation you want to perform:

- NEW - Create a new log.
- EDIT - Modify a log subscription.
- DELETE - Remove a log subscription.
- DELETEDLOGFILE - Delete log files
- SETUP - General settings.
- LOGHEADERS - Configure headers to log.

- CEFLOGHEADERS - Configure list of headers to add in CEF log files.
 - HOSTKEYCONFIG - Configure SSH host keys.
 - CLUSTERSET - Set how logs are configured in a cluster.
 - CLUSTERSHOW - Display how logs are configured in a cluster.
- [> deletelogfile

Currently configured logs:

Log Name	No of Log Files
1. amparchive	3
2. antispam	1
3. asarchive	3
4. audit_logs	9
5. authentication	9
6. avarchive	3
7. bounces	3
8. cli_logs	9
9. config_history	49
10. error_logs	3
11. euq_logs	3
12. euqgui_logs	3
13. ftpd_logs	3
14. gmarchive	3
15. graymail	1
16. gui_logs	9
17. ipr_client	6
18. mail_logs	4

-Note: 19-47 removed from sample view -
 Enter the number of the log file you want to delete.
 [> 18

Log File Name	File Size	File Created At
1. mail.@20230517T021023.s	99941403	Wed May 17 02:10:23 2023
2. mail.@20230706T063330.s	35603294	Thu Jul 6 06:33:30 2023
3. mail.@20230712T073148.s	93764	Wed Jul 12 07:31:48 2023
4. mail.@20230712T095042.s	6756	Wed Jul 12 09:50:42 2023

Enter the number of the log file you want to delete.

Notes:

- To specify multiple log files, enter the required numbers separated by commas (for example: 2,3,9)
 - To specify a range of log files, enter the required range numbers with a dash (for example: 2-5).
 - To specify a combination of single and range, enter the required numbers with comma and dash (for example: 2,3-5)
- [> 1

Warning:

The following log files - ['mail.@20230517T021023.s'] will be removed from the email gateway immediately.
 Do you want to continue? [N]> y

Log file /data/pub/mail_logs/mail.@20230517T021023.s has been deleted successfully

Verify

To verify simply execute the deletelogfile once more selecting the same subscription to view the

Note: Edited output to illustrate the change in log count from 4 to 3 post deletion.

Enter the number of the log file you want to delete.

[]> 18

Log File Name File Size File Created At

1. mail.@20230706T063330.s 35603294 Thu Jul 6 06:33:30 2023
2. mail.@20230712T073148.s 93764 Wed Jul 12 07:31:48 2023
3. mail.@20230712T095042.s 6756 Wed Jul 12 09:50:42 2023

Related Information

- [Email Security Setup Guide](#)
- [Cisco Secure Email Gateway Launch Page to Support Guides](#)