

如何在ESA上驗證使用S/MIME傳送配置檔案傳送的郵件

目錄

[簡介](#)

[如何在ESA上驗證使用S/MIME傳送配置檔案傳送的郵件](#)

[簽名](#)

[Encrypt](#)

[簽名/加密](#)

[三重](#)

[相關資訊](#)

簡介

本文說明使用有效的Secure/Multipurpose Internet Mail Extensions(S/MIME)傳送配置檔案傳送郵件時，在思科郵件安全裝置(ESA)上的郵件日誌中驗證的內容。

如何在ESA上驗證使用S/MIME傳送配置檔案傳送的郵件

S/MIME是一種基於標準的傳送和接收安全、經過驗證的電子郵件的方法。S/MIME使用公鑰/私鑰對來加密或簽署郵件。

- 如果郵件已加密，則只有郵件收件人可以開啟加密郵件。
- 如果郵件已簽名，則郵件收件人可以驗證發件人的身份，並且可以確保郵件在傳輸過程中未被更改。

在ESA上配置有效的S/MIME傳送配置檔案後，可以使用以下四種模式之一傳送郵件：

- 簽名
- 加密
- 簽名/加密（簽名然後加密）
- 三重（簽名、加密，然後再次簽名）

通過在CLI上選擇**Mail Policies >(S/MIME)Sending Profiles**或**smimeconfig > SENDING**，直接從GUI中配置這些模式。根據郵件或內容過濾條件和操作，郵件日誌中執行的操作應該類似 — 所有操作都顯示為S/MIME已重寫。

簽名

```
Mon Nov 24 21:53:24 2014 Info: Start MID 81 ICID 34
Mon Nov 24 21:53:24 2014 Info: MID 81 ICID 34 From: <userencrypted@abc.com>
Mon Nov 24 21:53:24 2014 Info: MID 81 ICID 34 RID 0 To: <recipient@xyz.com>
Mon Nov 24 21:53:24 2014 Info: MID 81 Message-ID ' <5649F3D8-C782-4929-9E7E-A8F892D4D885@abc.com>'
```

Mon Nov 24 21:53:24 2014 Info: MID 81 Subject 'signing only'
Mon Nov 24 21:53:24 2014 Info: MID 81 ready 509 bytes from <userencrypted@abc.com>
Mon Nov 24 21:53:24 2014 Info: MID 81 matched all recipients for per-recipient policy cisco users in the outbound table
Mon Nov 24 21:53:24 2014 Info: MID 81 S/MIME: Sign successful by filter s_mime_outgoing in the outbound table
Mon Nov 24 21:53:24 2014 Info: MID 81 rewritten to MID 82 by S/MIME
Mon Nov 24 21:53:24 2014 Info: Start MID 82 ICID 0
Mon Nov 24 21:53:24 2014 Info: MID 82 ICID 0 From: <userencrypted@abc.com>
Mon Nov 24 21:53:24 2014 Info: MID 82 ICID 0 RID 0 To: <recipient@xyz.com>
Mon Nov 24 21:53:24 2014 Info: Message finished MID 81 done
Mon Nov 24 21:53:24 2014 Info: MID 82 queued for delivery
Mon Nov 24 21:53:24 2014 Info: New SMTP DCID 127 interface 172.172.254.60 address 192.173.93.161 port 25
Mon Nov 24 21:53:24 2014 Info: Delivery start DCID 127 MID 82 to RID [0]
Mon Nov 24 21:53:24 2014 Info: Message done DCID 127 MID 82 to RID [0]
Mon Nov 24 21:53:24 2014 Info: MID 82 RID [0] Response '2.0.0 sAP2rXHk021241 Message accepted for delivery'
Mon Nov 24 21:53:24 2014 Info: Message finished MID 82 done
Mon Nov 24 21:53:29 2014 Info: DCID 127 close
Mon Nov 24 21:54:24 2014 Info: ICID 34 close

Encrypt

Mon Nov 24 22:02:58 2014 Info: Start MID 91 ICID 36
Mon Nov 24 22:02:58 2014 Info: MID 91 ICID 36 From: <userencrypted@abc.com>
Mon Nov 24 22:02:58 2014 Info: MID 91 ICID 36 RID 0 To: <recipient@xyz.com>
Mon Nov 24 22:02:58 2014 Info: MID 91 Message-ID '<6064CFA9-95F6-4452-8F8F-1554B4B37428@abc.com>'
Mon Nov 24 22:02:58 2014 Info: MID 91 Subject 'encrypt only'
Mon Nov 24 22:02:58 2014 Info: MID 91 ready 531 bytes from <userencrypted@abc.com>
Mon Nov 24 22:02:58 2014 Info: MID 91 matched all recipients for per-recipient policy cisco users in the outbound table
Mon Nov 24 22:02:58 2014 Info: MID 91 S/MIME: Encrypt successful by filter s_mime_outgoing in the outbound table
Mon Nov 24 22:02:58 2014 Info: MID 91 rewritten to MID 92 by S/MIME
Mon Nov 24 22:02:58 2014 Info: Start MID 92 ICID 0
Mon Nov 24 22:02:58 2014 Info: MID 92 ICID 0 From: <userencrypted@abc.com>
Mon Nov 24 22:02:58 2014 Info: MID 92 ICID 0 RID 0 To: <recipient@xyz.com>
Mon Nov 24 22:02:58 2014 Info: Message finished MID 91 done
Mon Nov 24 22:02:58 2014 Info: MID 92 queued for delivery
Mon Nov 24 22:02:59 2014 Info: New SMTP DCID 132 interface 172.172.254.60 address 192.173.93.161 port 25
Mon Nov 24 22:02:59 2014 Info: Delivery start DCID 132 MID 92 to RID [0]
Mon Nov 24 22:02:59 2014 Info: Message done DCID 132 MID 92 to RID [0]
Mon Nov 24 22:02:59 2014 Info: MID 92 RID [0] Response '2.0.0 sAP337xR017219 Message accepted for delivery'
Mon Nov 24 22:02:59 2014 Info: Message finished MID 92 done
Mon Nov 24 22:03:04 2014 Info: DCID 132 close

簽名/加密

Mon Nov 24 21:39:26 2014 Info: Start MID 71 ICID 31
Mon Nov 24 21:39:26 2014 Info: MID 71 ICID 31 From: <userencrypted@abc.com>
Mon Nov 24 21:39:26 2014 Info: MID 71 ICID 31 RID 0 To: <recipient@xyz.com>
Mon Nov 24 21:39:26 2014 Info: MID 71 Message-ID '<CFCE466D-7E58-4AA9-8F8A-FD5BD7A3E753@abc.com>'
Mon Nov 24 21:39:26 2014 Info: MID 71 Subject 'sign and encrypt'
Mon Nov 24 21:39:26 2014 Info: MID 71 ready 498 bytes from <userencrypted@abc.com>
Mon Nov 24 21:39:26 2014 Info: MID 71 matched all recipients for per-recipient policy cisco

users in the outbound table

Mon Nov 24 21:39:26 2014 Info: MID 71 S/MIME: Sign/Encrypt successful by filter s_mime_outgoing in the outbound table

Mon Nov 24 21:39:26 2014 Info: MID 71 rewritten to MID 72 by S/MIME

Mon Nov 24 21:39:26 2014 Info: Start MID 72 ICID 0

Mon Nov 24 21:39:26 2014 Info: MID 72 ICID 0 From: <userencrypted@abc.com>

Mon Nov 24 21:39:26 2014 Info: MID 72 ICID 0 RID 0 To: <recipient@xyz.com>

Mon Nov 24 21:39:26 2014 Info: Message finished MID 71 done

Mon Nov 24 21:39:26 2014 Info: MID 72 queued for delivery

Mon Nov 24 21:39:26 2014 Info: New SMTP DCID 122 interface 172.172.254.60 address 192.173.93.161 port 25

Mon Nov 24 21:39:26 2014 Info: Delivery start DCID 122 MID 72 to RID [0]

Mon Nov 24 21:39:26 2014 Info: Message done DCID 122 MID 72 to RID [0]

Mon Nov 24 21:39:26 2014 Info: MID 72 RID [0] Response '2.0.0 sAP2dZQJ009639 Message accepted for delivery'

Mon Nov 24 21:39:26 2014 Info: Message finished MID 72 done

Mon Nov 24 21:39:32 2014 Info: DCID 122 close

Mon Nov 24 21:40:26 2014 Info: ICID 31 close

三重

Mon Nov 24 22:00:25 2014 Info: Start MID 89 ICID 35

Mon Nov 24 22:00:25 2014 Info: MID 89 ICID 35 From: <userencrypted@abc.com>

Mon Nov 24 22:00:25 2014 Info: MID 89 ICID 35 RID 0 To: <recipient@xyz.com>

Mon Nov 24 22:00:25 2014 Info: MID 89 Message-ID '<DEE18BFD-F988-43CC-930A-78D0A194FC15@abc.com>'

Mon Nov 24 22:00:25 2014 Info: MID 89 Subject 'triple sign encrypt sign'

Mon Nov 24 22:00:25 2014 Info: MID 89 ready 514 bytes from <userencrypted@abc.com>

Mon Nov 24 22:00:25 2014 Info: MID 89 matched all recipients for per-recipient policy cisco users in the outbound table

Mon Nov 24 22:00:25 2014 Info: MID 89 S/MIME: Triple successful by filter s_mime_outgoing in the outbound table

Mon Nov 24 22:00:25 2014 Info: MID 89 rewritten to MID 90 by S/MIME

Mon Nov 24 22:00:25 2014 Info: Start MID 90 ICID 0

Mon Nov 24 22:00:25 2014 Info: MID 90 ICID 0 From: <userencrypted@abc.com>

Mon Nov 24 22:00:25 2014 Info: MID 90 ICID 0 RID 0 To: <recipient@xyz.com>

Mon Nov 24 22:00:25 2014 Info: Message finished MID 89 done

Mon Nov 24 22:00:25 2014 Info: MID 90 queued for delivery

Mon Nov 24 22:00:25 2014 Info: New SMTP DCID 131 interface 172.172.254.60 address 192.173.93.161 port 25

Mon Nov 24 22:00:25 2014 Info: Delivery start DCID 131 MID 90 to RID [0]

Mon Nov 24 22:00:25 2014 Info: Message done DCID 131 MID 90 to RID [0]

Mon Nov 24 22:00:25 2014 Info: MID 90 RID [0] Response '2.0.0 sAP30YsV031103 Message accepted for delivery'

Mon Nov 24 22:00:25 2014 Info: Message finished MID 90 done

Mon Nov 24 22:00:30 2014 Info: DCID 131 close

相關資訊

- [如何驗證ESA上使用S/MIME接收的郵件](#)
- [技術支援與文件 - Cisco Systems](#)
- [Cisco Email Security Appliance — 使用手冊](#)