

透過CLI監控FTD或FMC升級狀態

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簡介

本檔案介紹如何透過CLI監控Firepower威脅防禦(FTD)或防火牆管理中心(FMC)裝置升級的進度。

是否有方法在FMC GUI外監控正在進行的服務升級的進度？

是，可透過裝置的CLI監控持續升級的進度。當升級被推送到FMC受管裝置（或FMC本身）時，將在裝置上建立與升級相關聯的目錄。此目錄中包含status.log檔案，可監控整個升級的進度。這些說明將介紹如何透過CLI訪問和監控升級狀態。

必要條件

需求

思科建議您瞭解以下主題：

- Firepower Threat Defense (FTD)
- 防火牆管理中心(FMC)

採用元件

- FMC 4600版本7.2.5
- FTD 2110版本7.0.4
- 備註：適用於所有FTD/FMC版本的指示。

本文中的資訊是根據特定實驗室環境內的裝置所建立。文中使用到的所有裝置皆從已清除（預設）的組態來啟動。如果您的網路運作中，請確保您瞭解任何指令可能造成的影響。

說明

從FMC GUI推送升級

在升級目錄透過裝置CLI可用之前，需要從FMC GUI推送升級。

輸入裝置的根提示

無論是否透過SSH或控制檯連線到裝置，都可在提示符處鍵入expert，然後鍵入sudo su和口令以輸入root：

```
> Expert
admin@FPR2110-CALO-TEST:~$ sudo su
Password:
root@FPR2110-CALO-TEST:/home/admin#
```

CLI提示

瀏覽至與升級相關的目錄

FTD：目錄為/ngfw/var/log/sf/Cisco_FTD_SSP_FP2K_Upgrade-7.2.5

```
root@FPR2110-CALO-TEST:/home/admin# cd /ngfw/var/log/sf/Cisco_FTD_SSP_FP2K_Upgrade-7.2.5
```

FTD目錄範例

FMC：目錄為/var/log/sf/Cisco_Secure_FW_Mgmt_Center_Patch-7.2.5.2

```
root@firepower:/Volume/home/admin# cd /var/log/sf/Cisco_Secure_FW_Mgmt_Center_Patch-7.2.5.2
```

FMC目錄範例

注意：目錄路徑的最後一部分取決於不同的因素，包括軟體、平台和版本。

進入目錄後，跟蹤現有的status.log檔案

命令：tail -f status.log

FTD：

```
root@FPR2110-CAL0-TEST:/ngfw/var/log/sf/Cisco_FTD_SSP_FP2K_Upgrade-7.2.5# tail -f status.log
ui: Upgrade in progress: ( 4% done.25 mins to reboot). Preparing to upgrade... (200_pre/009_check_snort_preproc.sh)
ui: Upgrade in progress: ( 4% done.25 mins to reboot). Preparing to upgrade... (200_pre/011_check_self.sh)
ui: Upgrade in progress: ( 4% done.25 mins to reboot). Preparing to upgrade... (200_pre/015_verify_rpm.sh)
ui: Upgrade in progress: ( 4% done.25 mins to reboot). Preparing to upgrade... (200_pre/100_check_dashboards.pl)
ui: Upgrade in progress: ( 4% done.25 mins to reboot). Preparing to upgrade... (200_pre/100_get_snort_from_dc.pl)
ui: Upgrade in progress: ( 4% done.25 mins to reboot). Preparing to upgrade... (200_pre/110_setup_upgrade_ui.sh)
ui: Upgrade in progress: ( 4% done.25 mins to reboot). Preparing to upgrade... (200_pre/120_generate_auth_for_upgrade_ui.pl)
ui: Upgrade in progress: ( 8% done.24 mins to reboot). Preparing to upgrade... (200_pre/152_save_etc_sf.sh)
ui: Upgrade in progress: ( 8% done.24 mins to reboot). Preparing to upgrade... (200_pre/199_before_maintenance_mode.sh)
ui: Upgrade in progress: ( 8% done.24 mins to reboot). Preparing to upgrade... (200_pre/200_enable_maintenance_mode.pl)
ui: Upgrade in progress: ( 8% done.24 mins to reboot). Preparing to upgrade... (200_pre/202_disable_syncd.sh)
```

FTD status.log

FMC :

```
root@firepower:/var/log/sf/Cisco_Secure_FW_Mgmt_Center_Patch-7.2.5.2# tail -f status.log
ui:[17%] Running script 200_pre/100_check_dashboards.pl...
ui:[18%] Running script 200_pre/101_check_uncommitted_data.pl...
ui:[19%] Running script 200_pre/110_setup_upgrade_ui.sh...
ui:[19%] Running script 200_pre/120_generate_auth_for_upgrade_ui.pl...
ui:[20%] Running script 200_pre/152_save_etc_sf.sh...
ui:[20%] Running script 200_pre/199_before_maintenance_mode.sh...
ui:[21%] Running script 200_pre/200_enable_maintenance_mode.pl...
ui:[22%] Running script 200_pre/202_disable_syncd.sh...
ui:[22%] Running script 200_pre/400_restrict_rpc.sh...
ui:[23%] Running script 200_pre/500_stop_system.sh...
```

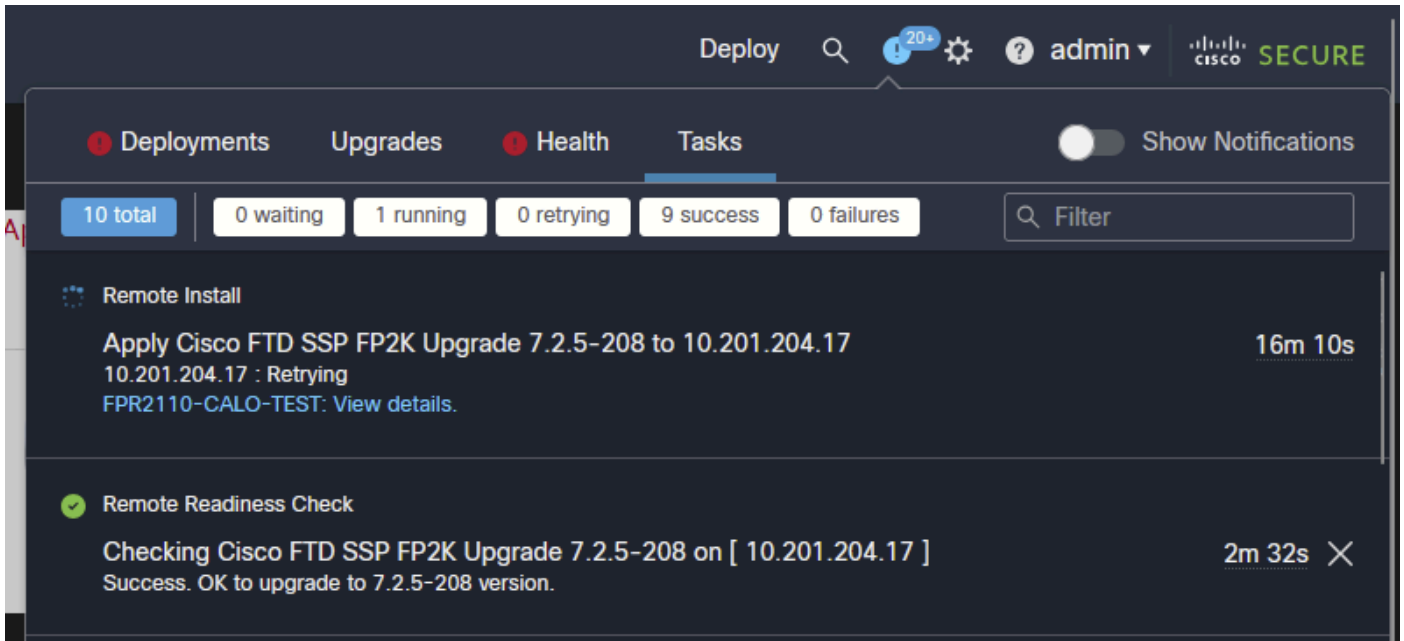
FMC status.log



注意：status.log檔案會隨著升級的進行自動更新。

其他資訊

FMC 7.2+版現在能夠直接從FMC GUI監控受管裝置的升級進度。推送更新後，導航FMC GUI通知頁籤並找到與升級相關的任務。按一下作業上的檢視詳細資訊選項可開啟升級專用的監控視窗。



FMC GUI升級任務

監控視窗包含進行中升級的有用資訊。資訊包括來自status.log檔案的升級詳細資訊、升級階段、進度百分比和日誌詳細資訊。

Upgrade in Progress



10.201.204.17

10.201.204.17

Cisco Firepower 2110 Threat Defense (Version: 7.0.4-55)

Version: 7.2.5-208 | **Size:** 986.98 MB | **Build Date:** Jul 21, 2023 7:31 AM UTC

Initiated By: admin | **Initiated At:** Jul 17, 2024 12:22 AM +03



46% Completed (14 minutes left)

Upgrade In Progress...

The system will reboot after FXOS platform upgrade completes.

● Upgrade will automatically cancel on failure and roll back to the previous version.

Log Details



Upgrade logs:

```
Tue Jul 16 21:10:31 UTC 2024 0% Running script 000_start/000_00_run_cli_kick_start.sh... 2
Tue Jul 16 21:11:18 UTC 2024 0% Running script 000_start/000_00_run_troubleshoot.sh... 26
Tue Jul 16 21:12:35 UTC 2024 0% Running script 000_start/000_0_start_upgrade_status_api_st
Tue Jul 16 21:12:37 UTC 2024 0% Running script 000_start/000_5_verify_monetdb.sh... 26 min
Tue Jul 16 21:12:38 UTC 2024 0% Running script 000_start/000_check_platform_support.sh...
Tue Jul 16 21:12:39 UTC 2024 0% Running script 000_start/000_check_update.sh... 26 mins re
Tue Jul 16 21:12:39 UTC 2024 0% Running script 000_start/000_db_schema_check.sh... 26 mins
Tue Jul 16 21:12:40 UTC 2024 0% Running script 000_start/100_start_messages.sh... 26 mins
Tue Jul 16 21:12:40 UTC 2024 0% Running script 000_start/101_run_pruning.pl... 26 mins rem
```

Close

FMC GUI升級監控窗口

關於此翻譯

思科已使用電腦和人工技術翻譯本文件，讓全世界的使用者能夠以自己的語言理解支援內容。請注意，即使是最佳機器翻譯，也不如專業譯者翻譯的內容準確。Cisco Systems, Inc. 對這些翻譯的準確度概不負責，並建議一律查看原始英文文件（提供連結）。