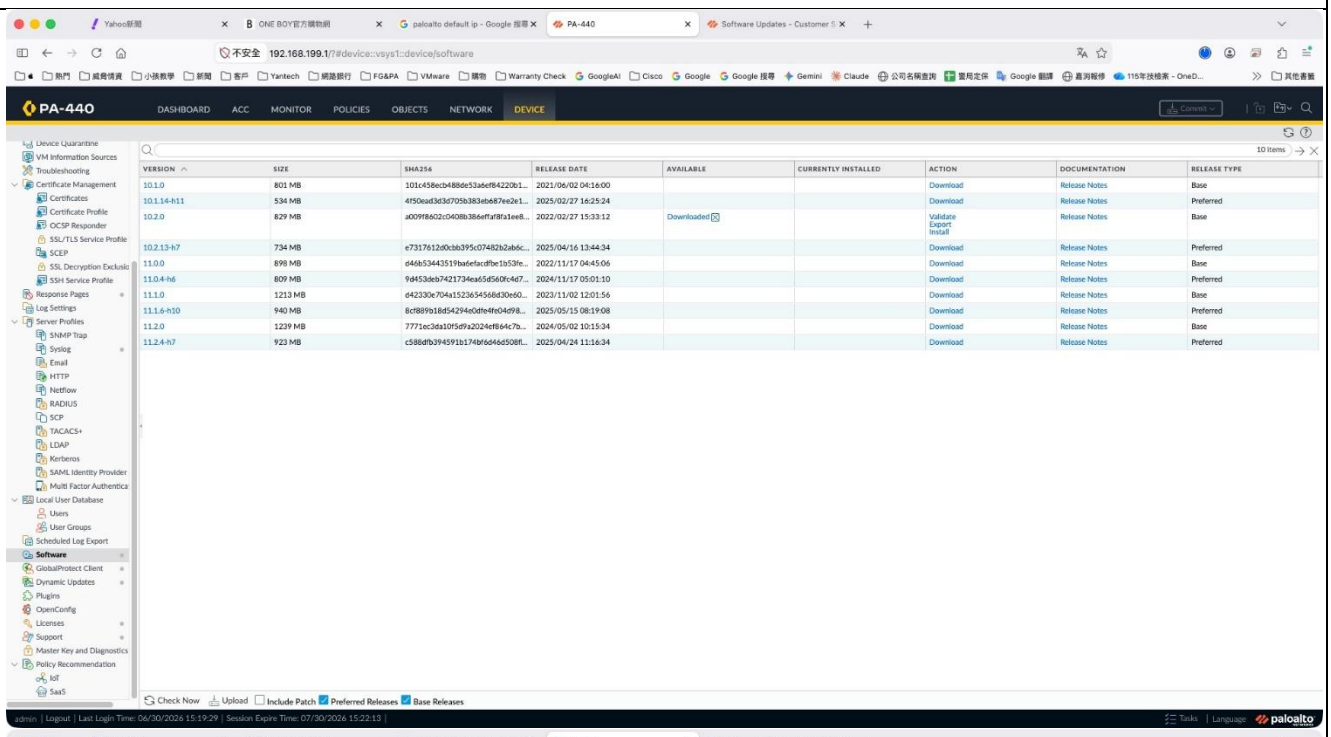
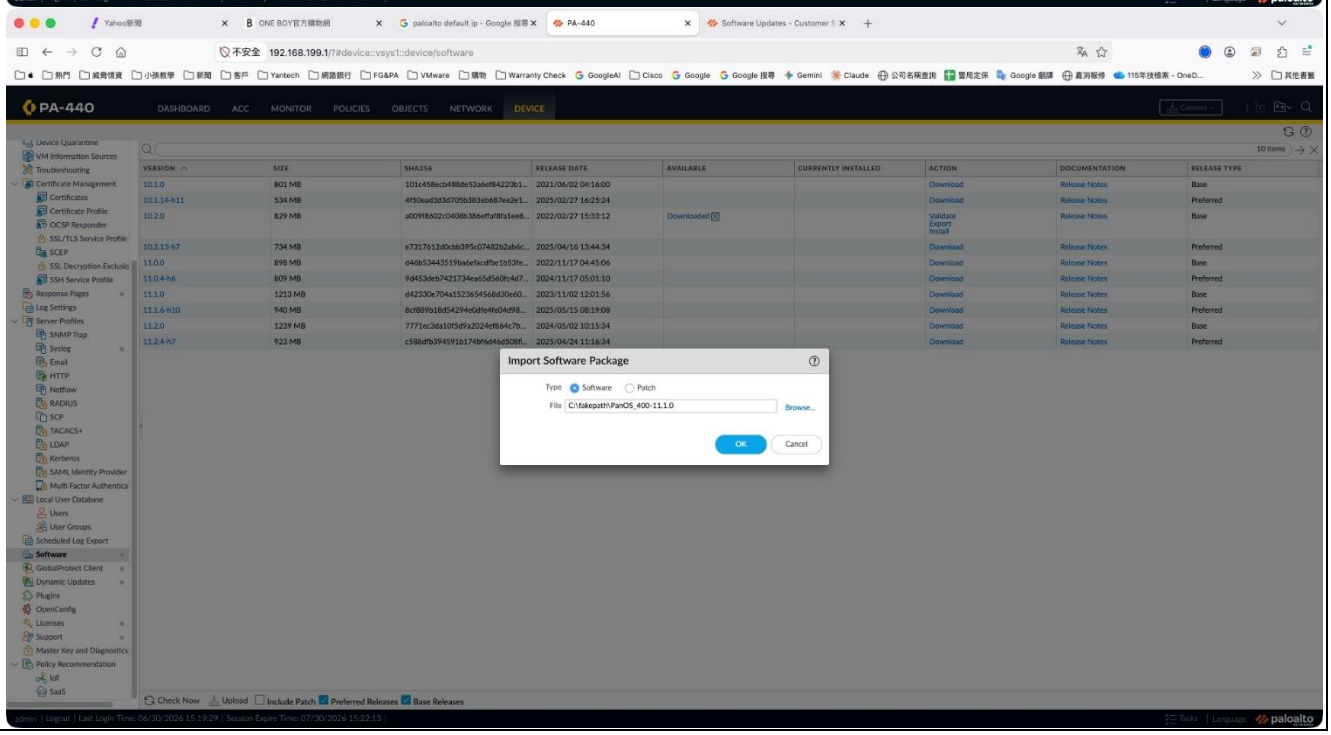
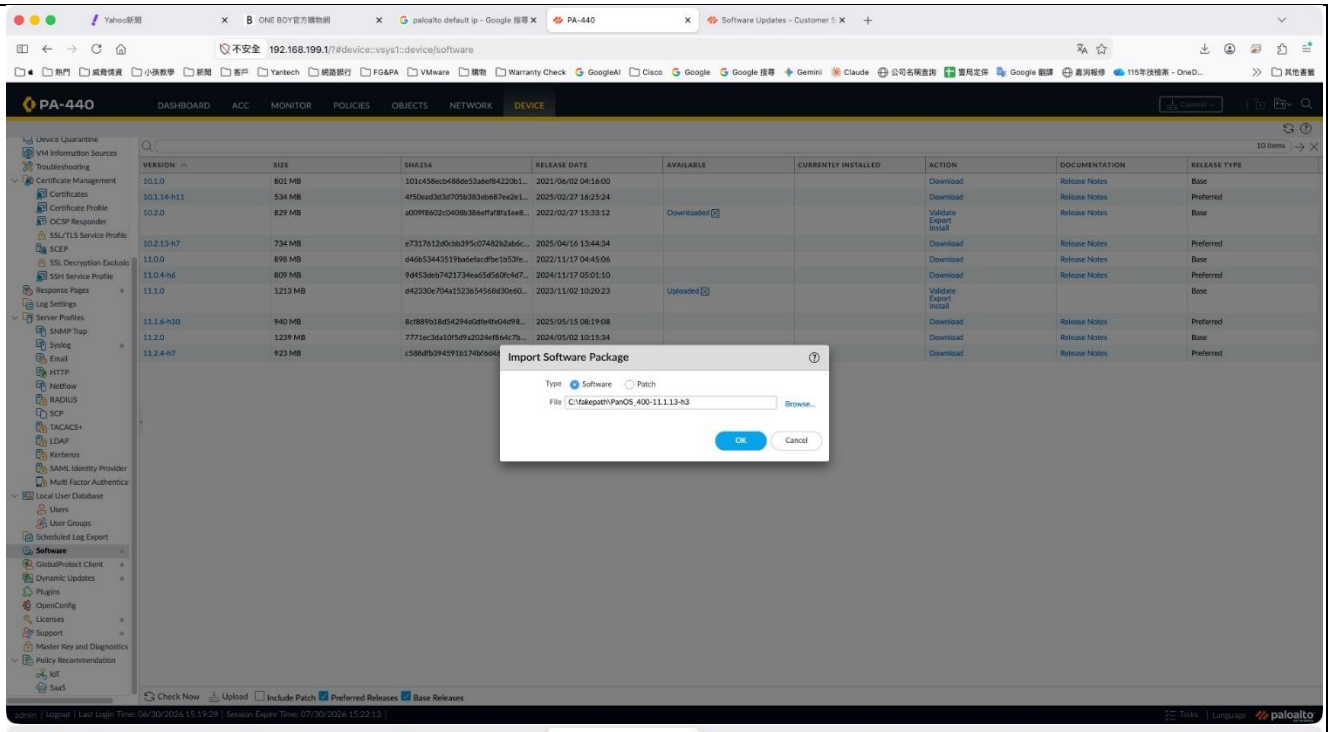
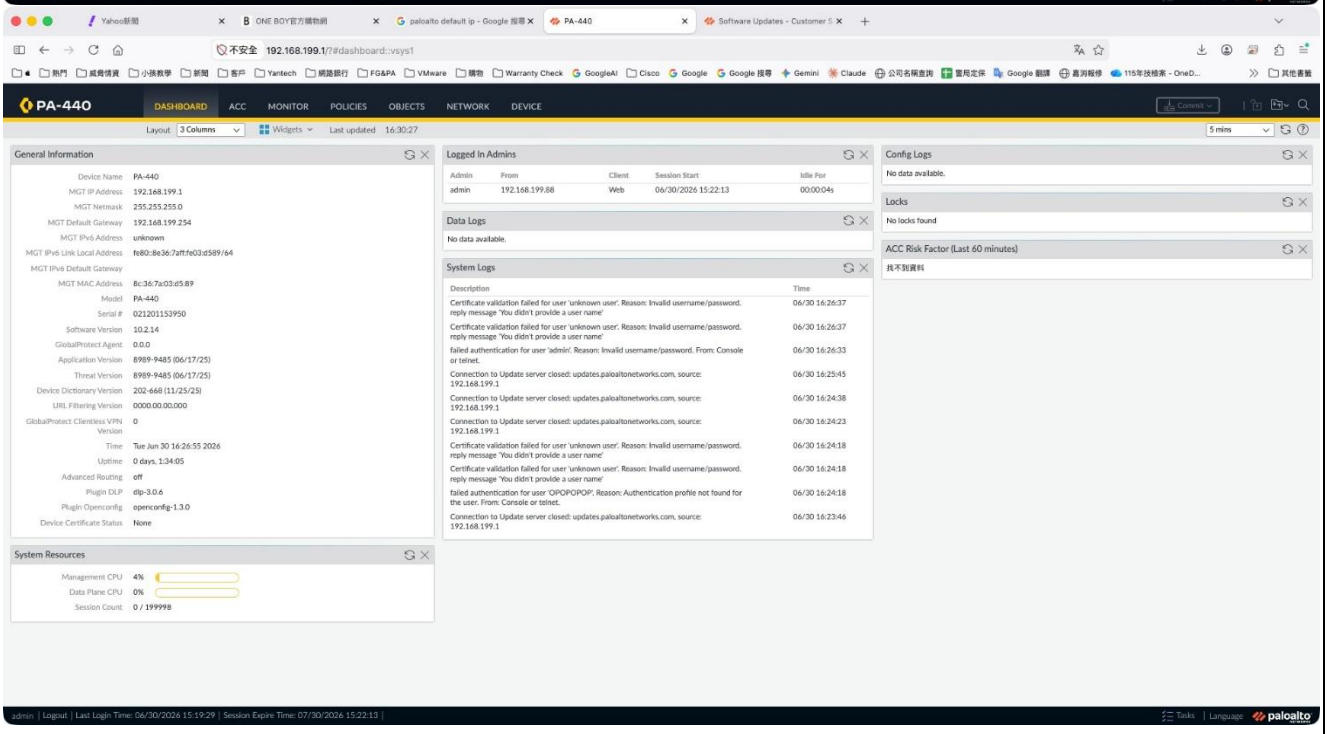
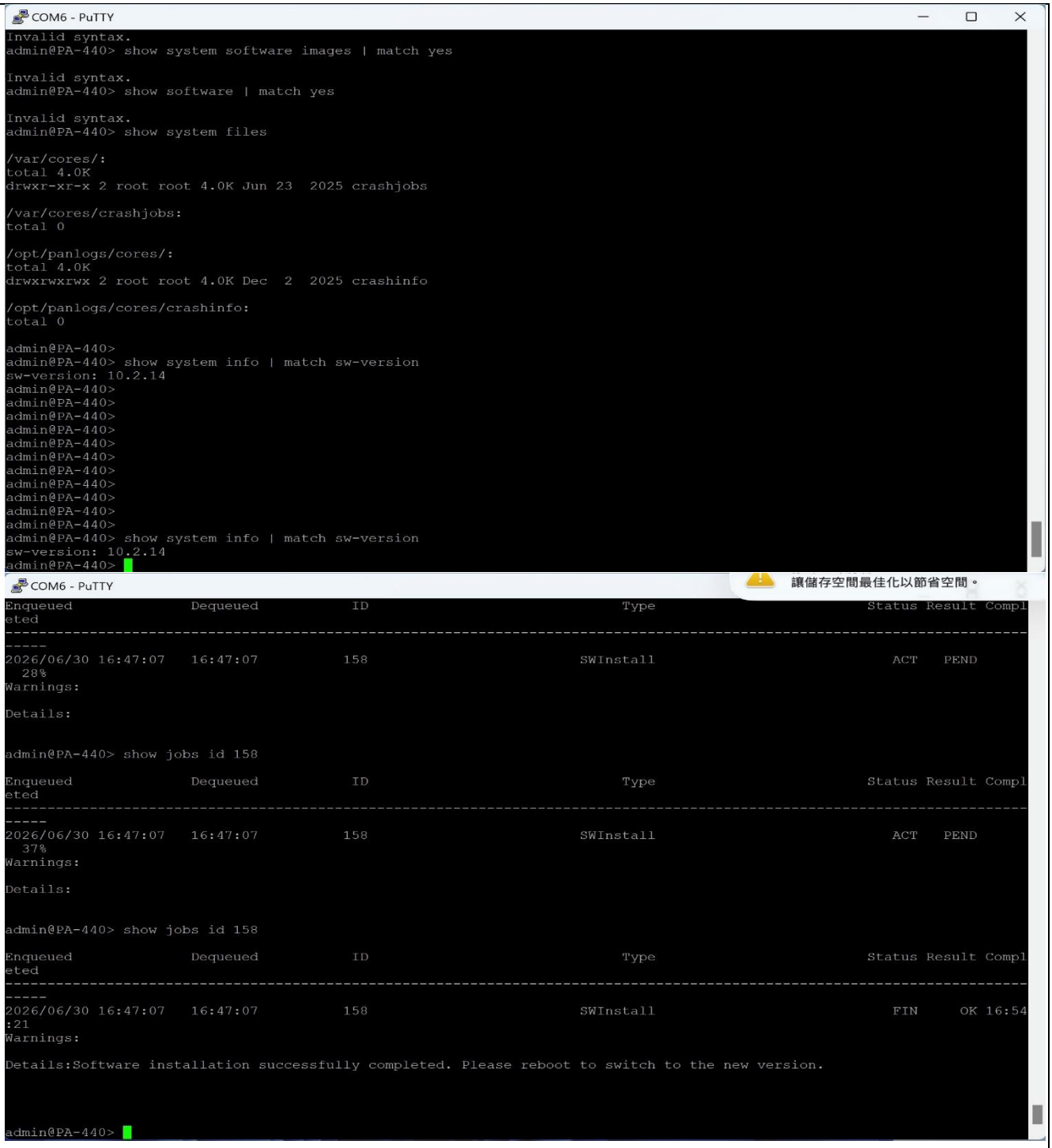
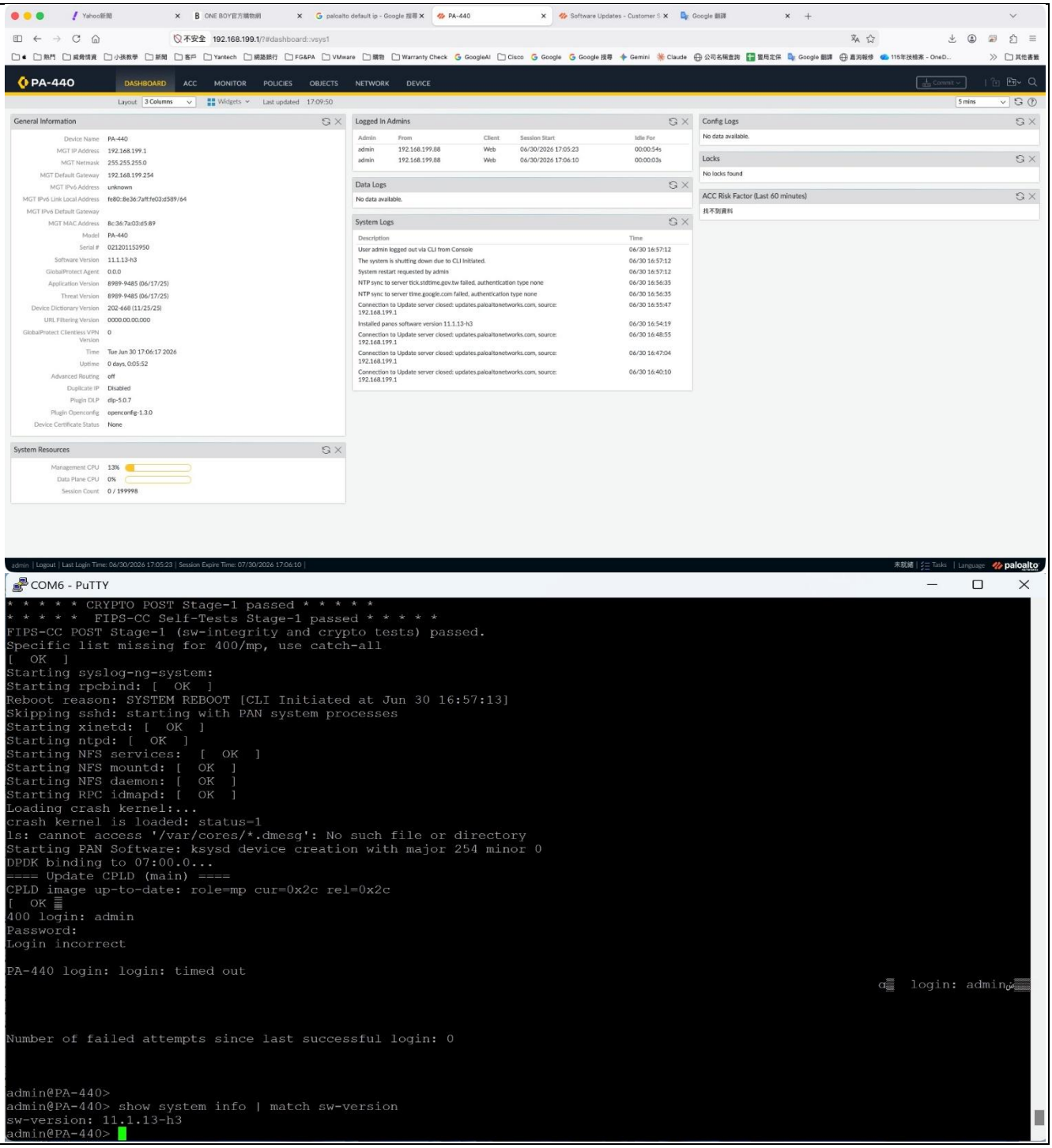
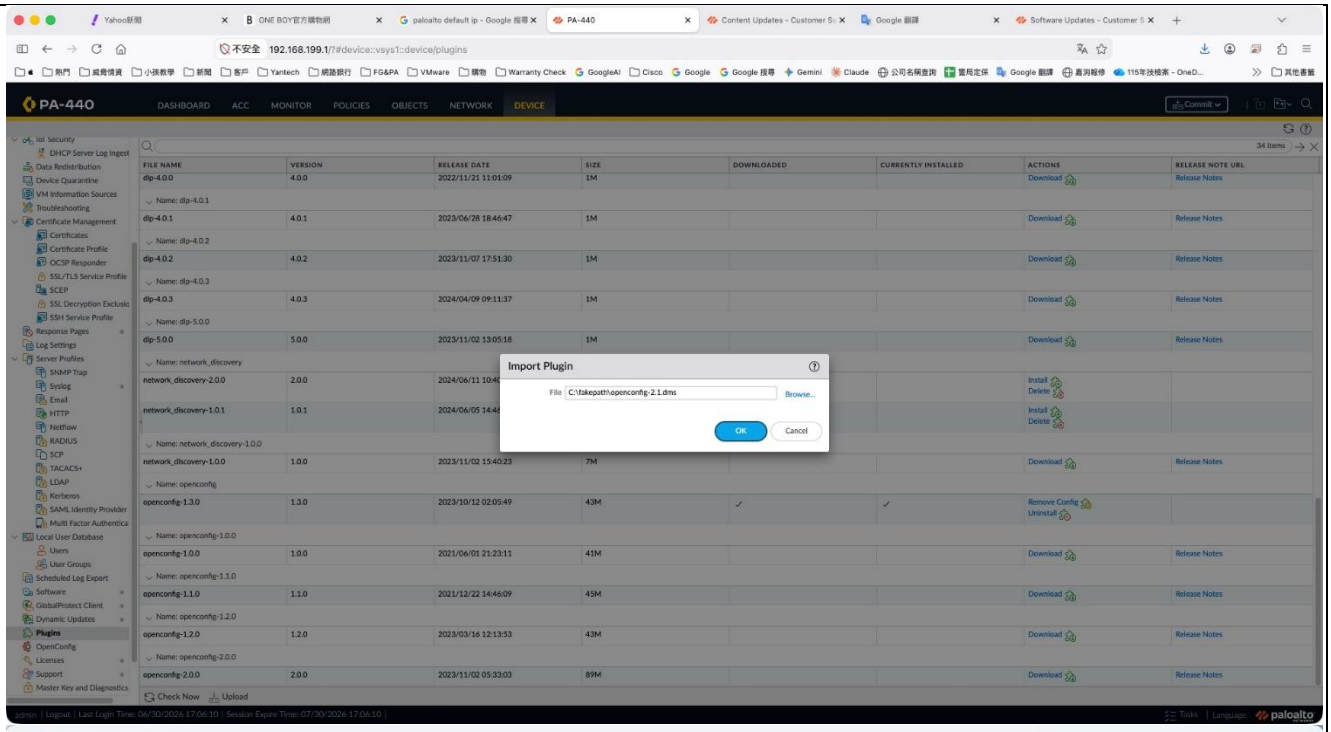
PA-440 防火牆升級	
升級過程	


PA-440
DASHBOARD
ACC
MONITOR
POLICIES
OBJECTS
NETWORK
DEVICE
Import Software Package
Type
Software
Patch
File
C:\fakepath\PanOS_400-11.1.13-h3
Browse...
OK
Cancel


PA-440
DASHBOARD
ACC
MONITOR
POLICIES
OBJECTS
NETWORK
DEVICE
General Information
Logged In Admins
Config Logs
Data Logs
Locks
System Logs
ACC Risk Factor (Last 60 minutes)
System Resources

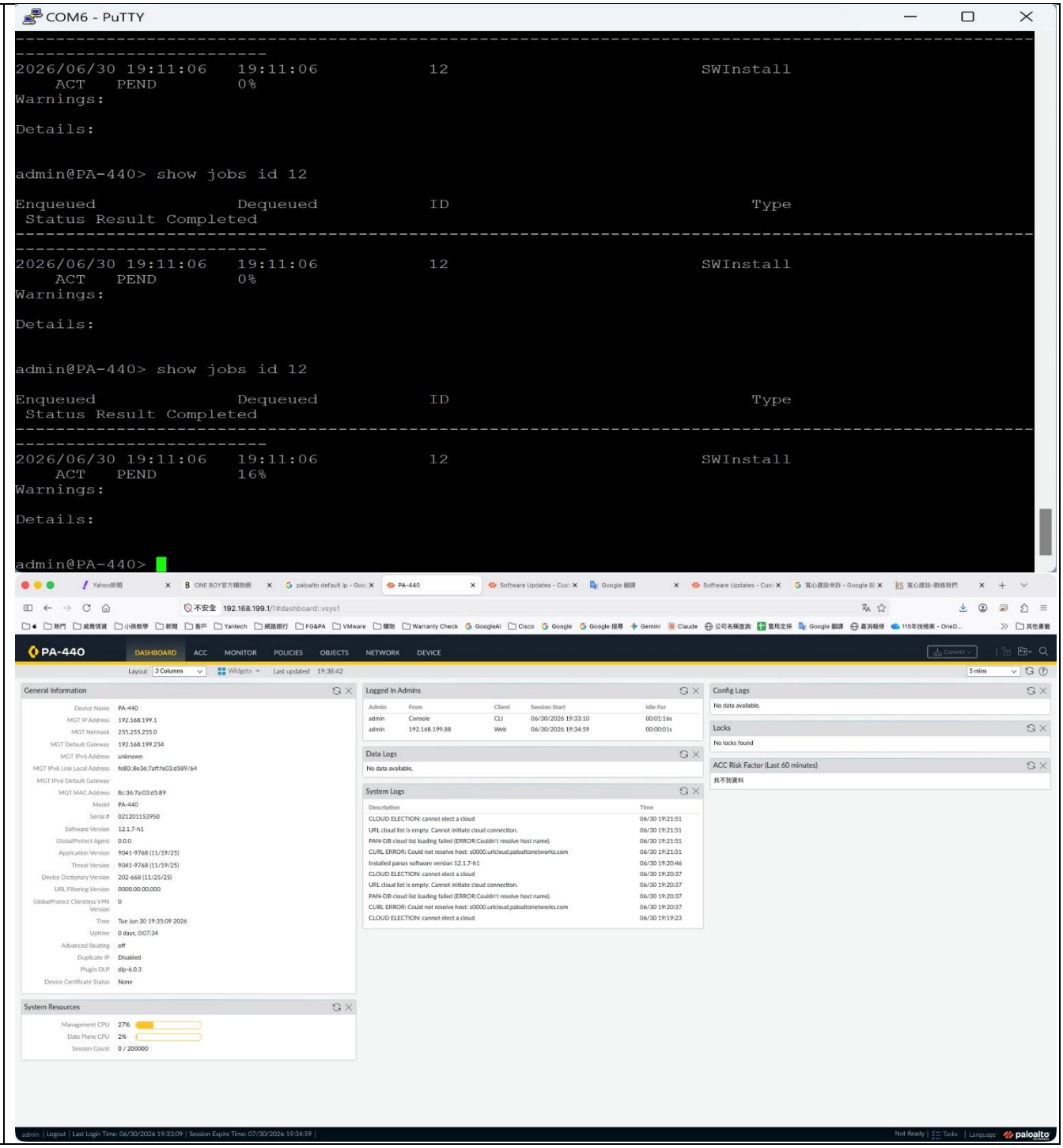

COM6 - PuTTY
Invalid syntax.
admin@PA-440> show system software images | match yes
Invalid syntax.
admin@PA-440> show software | match yes
Invalid syntax.
admin@PA-440> show system files
/var/cores/:
total 4.0K
drwxr-xr-x 2 root root 4.0K Jun 23 2025 crashjobs
/var/cores/crashjobs:
total 0
/opt/panlogs/cores/:
total 4.0K
drwxrwxrwx 2 root root 4.0K Dec 2 2025 crashinfo
/opt/panlogs/cores/crashinfo:
total 0
admin@PA-440>
admin@PA-440> show system info | match sw-version
sw-version: 10.2.14
admin@PA-440>
admin@PA-440>
admin@PA-440>
admin@PA-440>
admin@PA-440>
admin@PA-440>
admin@PA-440>
admin@PA-440>
admin@PA-440>
admin@PA-440>
admin@PA-440>
admin@PA-440> show system info | match sw-version
sw-version: 10.2.14
admin@PA-440>
COM6 - PuTTY
讓儲存空間最佳化以節省空間。
Enqueued Dequeued ID Type Status Result Compl
eted
2026/06/30 16:47:07 16:47:07 158 SWInstall ACT PEND
28%
Warnings:
Details:
admin@PA-440> show jobs id 158
Enqueued Dequeued ID Type Status Result Compl
eted
2026/06/30 16:47:07 16:47:07 158 SWInstall ACT PEND
37%
Warnings:
Details:
admin@PA-440> show jobs id 158
Enqueued Dequeued ID Type Status Result Compl
eted
2026/06/30 16:47:07 16:47:07 158 SWInstall FIN OK 16:54
:21
Warnings:
Details:Software installation successfully completed. Please reboot to switch to the new version.
admin@PA-440>

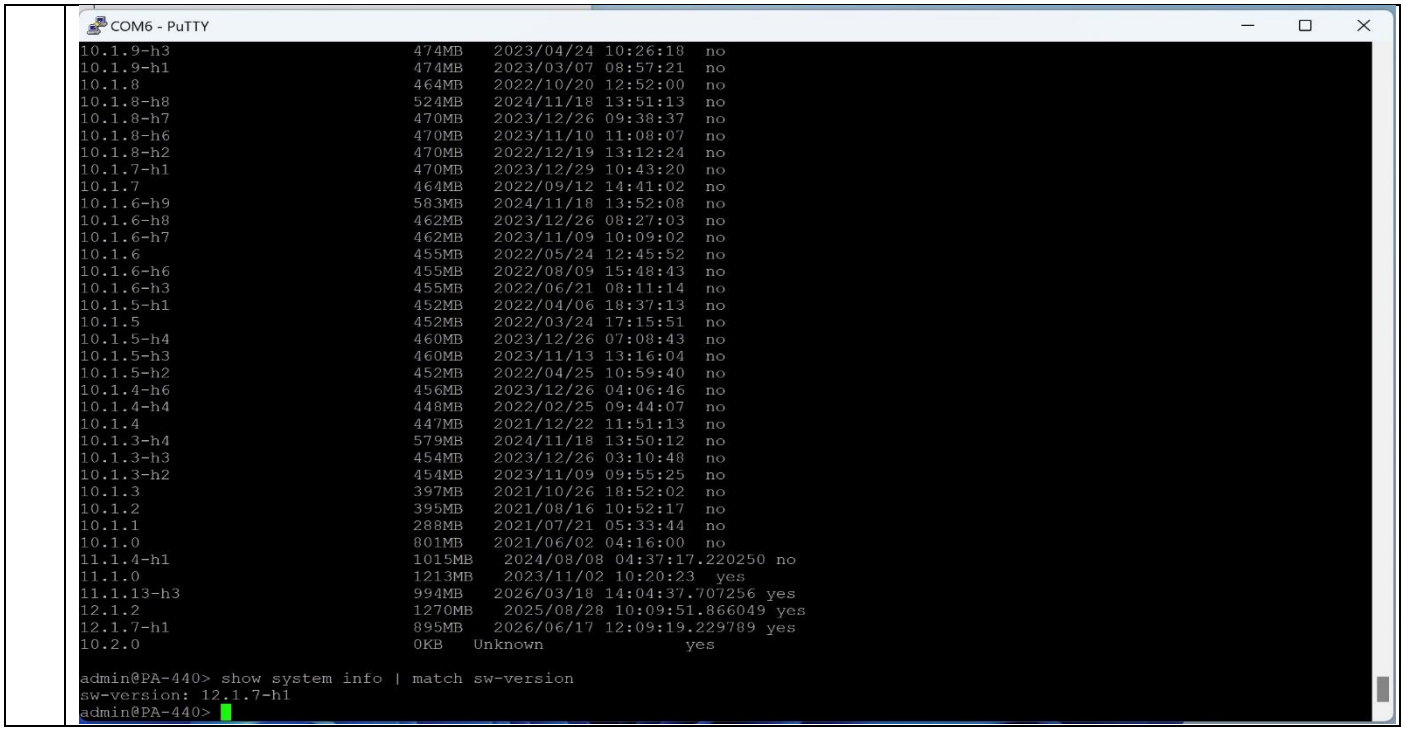

PA-440
DASHBOARD
ACC
MONITOR
POLICIES
OBJECTS
NETWORK
DEVICE
General Information
Logged In Admins
Config Logs
Data Logs
System Logs
Locks
ACC Risk Factor (Last 60 minutes)
System Resources
COM6 - PuTTY
* * * * * CRYPTO POST Stage-1 passed * * * * *
* * * * * FIPS-CC Self-Tests Stage-1 passed * * * * *
FIPS-CC POST Stage-1 (sw-integrity and crypto tests) passed.
Specific list missing for 400/mp, use catch-all
[OK]
Starting syslog-ng-system:
Starting rpcbind: [OK]
Reboot reason: SYSTEM REBOOT [CLI Initiated at Jun 30 16:57:13]
Skipping sshd: starting with PAN system processes
Starting xinetd: [OK]
Starting ntpd: [OK]
Starting NFS services: [OK]
Starting NFS mountd: [OK]
Starting NFS daemon: [OK]
Starting RPC idmapd: [OK]
Loading crash kernel:...
crash kernel is loaded: status=1
ls: cannot access '/var/cores/*.dmesg': No such file or directory
Starting PAN Software: ksysd device creation with major 254 minor 0
DPDK binding to 07:00.0...
==== Update CPLD (main) ====
CPLD image up-to-date: role=mp cur=0x2c rel=0x2c
[OK]
400 login: admin
Password:
Login incorrect
PA-440 login: login: timed out
login: admin
Number of failed attempts since last successful login: 0
admin@PA-440>
admin@PA-440> show system info | match sw-version
sw-version: 11.1.13-h3
admin@PA-440>



COM6 - PuTTY

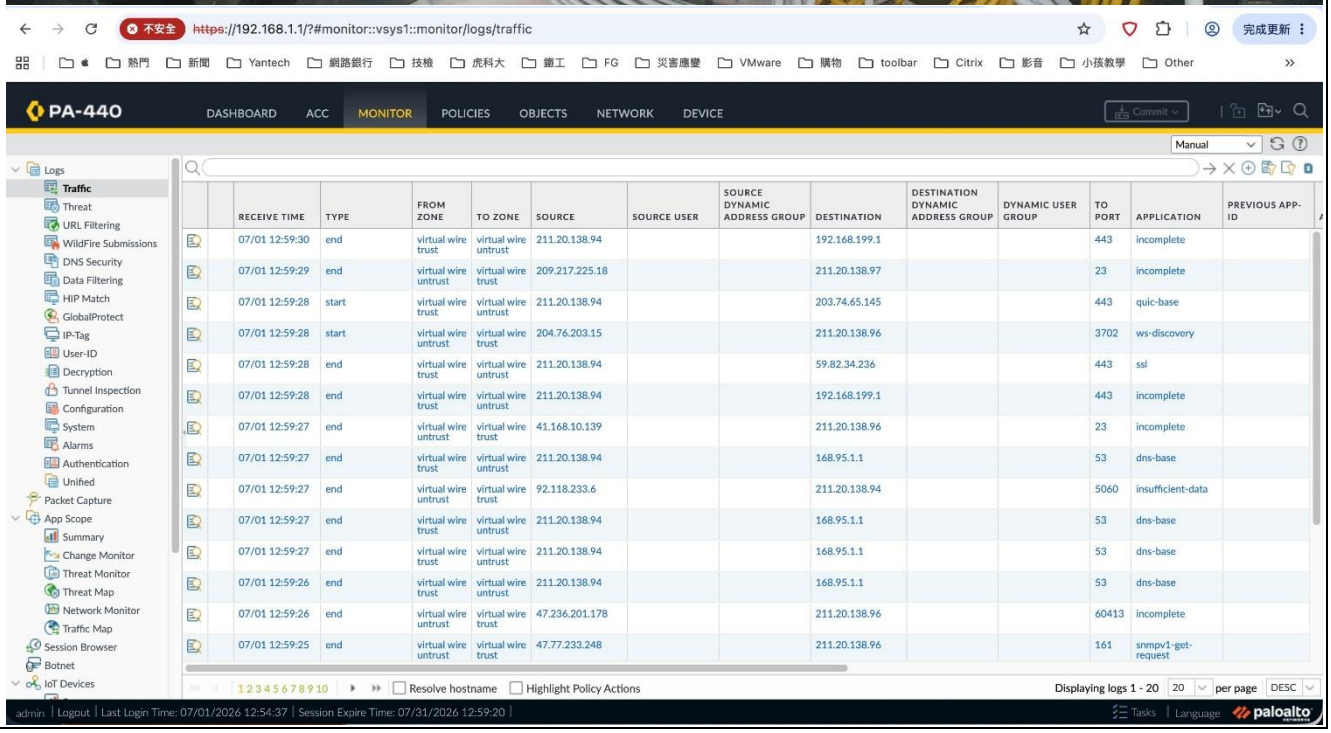
```
     dlp-1.0.3          1.0.3 2021/03/09 14:20:56              dlp-1.0.3     1M
     dlp-1.0.2          1.0.2 2020/12/10 08:38:03              dlp-1.0.2     1M
     dlp-1.0.1          1.0.1 2020/10/29 17:08:22              dlp-1.0.1     1M
network_discovery-1.0.0          1.0.0 2023/11/02 15:40:23 network_discovery-1.0.0     7M
openconfig-1.0.0          1.0.0 2021/06/01 21:23:11        openconfig-1.0.0    41M

admin@PA-440> show config-locks vsys all

   Vsys           Admin              Created        Last Activity Logged in?
--------------------------------------------------------------------------------

admin@PA-440> request plugins uninstall openconfig-1.3.0
Are you sure to uninstall the plugin? (y or n)

Server error : Invalid plugin package name
admin@PA-440> request plugins uninstall openconfig-1.3.0
Are you sure to uninstall the plugin? (y or n)

Server error : Invalid plugin package name
admin@PA-440> request plugins uninstall openconfig-1.3.0
Are you sure to uninstall the plugin? (y or n)

Server error : Invalid plugin package name
admin@PA-440> request plugins uninstall
  dlp           dlp
  openconfig    openconfig
  <value>       uninstall value

admin@PA-440> request plugins uninstall openconfig
  <Enter>  Finish input

admin@PA-440> request plugins uninstall openconfig
Are you sure to uninstall the plugin? (y or n)

Plugin openconfig has been uninstalled successfully.
admin@PA-440>
```


COM6 - PuTTY
2026/06/30 19:11:06 19:11:06 12 SWInstall
ACT PEND 0%
Warnings:
Details:
admin@PA-440> show jobs id 12
Enqueued Dequeued ID Type
Status Result Completed
2026/06/30 19:11:06 19:11:06 12 SWInstall
ACT PEND 0%
Warnings:
Details:
admin@PA-440> show jobs id 12
Enqueued Dequeued ID Type
Status Result Completed
2026/06/30 19:11:06 19:11:06 12 SWInstall
ACT PEND 16%
Warnings:
Details:
admin@PA-440>
PA-440
DASHBOARD
ACC
MONITOR
POLICIES
OBJECTS
NETWORK
DEVICE
General Information
Logged In Admins
Config Logs
Data Logs
System Logs
Locks
ACC Risk Factor (Last 60 minutes)
System Resources


COM6 - PuTTY
10.1.9-h3 474MB 2023/04/24 10:26:18 no
10.1.9-h1 474MB 2023/03/07 08:57:21 no
10.1.8 464MB 2022/10/20 12:52:00 no
10.1.8-h8 524MB 2024/11/18 13:51:13 no
10.1.8-h7 470MB 2023/12/26 09:38:37 no
10.1.8-h6 470MB 2023/11/10 11:08:07 no
10.1.8-h2 470MB 2022/12/19 13:12:24 no
10.1.7-h1 470MB 2023/12/29 10:43:20 no
10.1.7 464MB 2022/09/12 14:41:02 no
10.1.6-h9 583MB 2024/11/18 13:52:08 no
10.1.6-h8 462MB 2023/12/26 08:27:03 no
10.1.6-h7 462MB 2023/11/09 10:09:02 no
10.1.6 455MB 2022/05/24 12:45:52 no
10.1.6-h6 455MB 2022/08/09 15:48:43 no
10.1.6-h3 455MB 2022/06/21 08:11:14 no
10.1.5-h1 452MB 2022/04/06 18:37:13 no
10.1.5 452MB 2022/03/24 17:15:51 no
10.1.5-h4 460MB 2023/12/26 07:08:43 no
10.1.5-h3 460MB 2023/11/13 13:16:04 no
10.1.5-h2 452MB 2022/04/25 10:59:40 no
10.1.4-h6 456MB 2023/12/26 04:06:46 no
10.1.4-h4 448MB 2022/02/25 09:44:07 no
10.1.4 447MB 2021/12/22 11:51:13 no
10.1.3-h4 579MB 2024/11/18 13:50:12 no
10.1.3-h3 454MB 2023/12/26 03:10:48 no
10.1.3-h2 454MB 2023/11/09 09:55:25 no
10.1.3 397MB 2021/10/26 18:52:02 no
10.1.2 395MB 2021/08/16 10:52:17 no
10.1.1 288MB 2021/07/21 05:33:44 no
10.1.0 801MB 2021/06/02 04:16:00 no
11.1.4-h1 1015MB 2024/08/08 04:37:17.220250 no
11.1.0 1213MB 2023/11/02 10:20:23 yes
11.1.13-h3 994MB 2026/03/18 14:04:37.707256 yes
12.1.2 1270MB 2025/08/28 10:09:51.866049 yes
12.1.7-h1 895MB 2026/06/17 12:09:19.229789 yes
10.2.0 0KB Unknown yes
admin@PA-440> show system info | match sw-version
sw-version: 12.1.7-h1
admin@PA-440>

升級後測試


FORTINET
FORTINET
2020/09/05
Extreme networks


不安全 https://192.168.1.1/?#monitor::vsys1::monitor/logs/traffic
完成更新
PA-440
DASHBOARD
ACC
MONITOR
POLICIES
OBJECTS
NETWORK
DEVICE
Commit
Manual
Logs
Traffic
Threat
URL Filtering
WildFire Submissions
DNS Security
Data Filtering
HIP Match
GlobalProtect
IP-Tag
User-ID
Decryption
Tunnel Inspection
Configuration
System
Alarms
Authentication
Unified
Packet Capture
App Scope
Summary
Change Monitor
Threat Monitor
Threat Map
Network Monitor
Traffic Map
Session Browser
Botnet
IoT Devices
RECEIVE TIME | TYPE | FROM ZONE | TO ZONE | SOURCE | SOURCE USER | SOURCE DYNAMIC ADDRESS GROUP | DESTINATION | DESTINATION DYNAMIC ADDRESS GROUP | DYNAMIC USER GROUP | TO PORT | APPLICATION | PREVIOUS APP-ID
07/01 12:59:30 | end | virtual wire untrust | virtual wire untrust | 211.20.138.94 | 192.168.199.1 | 443 | incomplete
07/01 12:59:29 | end | virtual wire untrust | virtual wire trust | 209.217.225.18 | 211.20.138.97 | 23 | incomplete
07/01 12:59:28 | start | virtual wire trust | virtual wire untrust | 211.20.138.94 | 203.74.65.145 | 443 | quic-base
07/01 12:59:28 | start | virtual wire untrust | virtual wire trust | 204.76.203.15 | 211.20.138.96 | 3702 | ws-discovery
07/01 12:59:28 | end | virtual wire trust | virtual wire untrust | 211.20.138.94 | 59.82.34.236 | 443 | ssl
07/01 12:59:28 | end | virtual wire trust | virtual wire untrust | 211.20.138.94 | 192.168.199.1 | 443 | incomplete
07/01 12:59:27 | end | virtual wire untrust | virtual wire trust | 41.168.10.139 | 211.20.138.96 | 23 | incomplete
07/01 12:59:27 | end | virtual wire trust | virtual wire untrust | 211.20.138.94 | 168.95.1.1 | 53 | dns-base
07/01 12:59:27 | end | virtual wire untrust | virtual wire trust | 92.118.233.6 | 211.20.138.94 | 5060 | insufficient-data
07/01 12:59:27 | end | virtual wire trust | virtual wire trust | 211.20.138.94 | 168.95.1.1 | 53 | dns-base
07/01 12:59:27 | end | virtual wire trust | virtual wire untrust | 211.20.138.94 | 168.95.1.1 | 53 | dns-base
07/01 12:59:26 | end | virtual wire trust | virtual wire untrust | 211.20.138.94 | 168.95.1.1 | 53 | dns-base
07/01 12:59:26 | end | virtual wire untrust | virtual wire trust | 47.236.201.178 | 211.20.138.96 | 60413 | incomplete
07/01 12:59:25 | end | virtual wire untrust | virtual wire trust | 47.77.233.248 | 211.20.138.96 | 161 | snmpv1-get-request
1 2 3 4 5 6 7 8 9 10
Resolve hostname
Highlight Policy Actions
Displaying logs 1 - 20
20
per page
DESC
admin | Logout | Last Login Time: 07/01/2026 12:54:37 | Session Expire Time: 07/31/2026 12:59:20 |
Tasks
Language
paloalto