

# 快速入門手冊 — 各種路由和平台 ( IOS和IOS-XE路由器 ) 相關問題的資料收集

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IOSIOS-XEshow(TAC)(SR)

- IOSIOS-XE
- (CLI)IOSIOS-XE

- ASR1000
- ISR4000
- ISR1000
- CSR1000v
- IOS(ISRG1/G2)

1. /
- 2.
- 3.
4. /
- 5.
6. /

## 路由器和IOS-XE架構

IOSIOS-XEShow Tech

TAC

### IOS-XE

Base Information Requested

1. **show tech**
2. Bootflash/Harddisk

Router#**show bootflash:** |

Router#**show bootflash:** |

3. tracelogsbootflash

Router#**request platform software trace rotate all**

Router#**request platform software trace slot rp active archive target bootflash:**

- 4.

Crash(**16.11.x**)bootflash

- 1.
- 2.
3. /
4. RP/

16.11

Router#**sh bootflash:** |在sys中

12 2020年10月20日45 05:08:05.0000000000 +00:00 /bootflash/core/system-report\_20201020-050805-UTC.tar.gz <<<

## IOS-XE啟動失敗

RP

1. show tech
2. Console**Console**
3. LED

4. (RPESPSIP/SPA)
5. RP**show logging**

Router#hw-module slot <slot-num> reload

Router#hw-module subslot <slot-num/subslot num> reload

## IOS-XE

IOSIOS

1. CCO
2. IOS-XE [IOS-XE](#)
3. 3.x16.xIOS [\\_](#)

## IOS-XE

IOS-XE

IOS-XE

- [IOS-XE](#)

### 16.9.xShow Tech Memory

1. Show tech
2. **show platform software status control-processor brief**
3. **show platform software process list rp active sort memory**
4. **show platform software process memory rp active all sort**
5. **show platform software process slot rp active monitor cycles 2**
6. **show platform software process list fp active summary**
7. **show platform software process slot fp active monitor cycles 2**
8. **show platform hardware qfp active infrastructure exmem statistics**
9. **show platform hardware qfp active infrastructure exmem statistics user**
10. **show platform hardware qfp active tcam resource-manager usage**
11. **show platform hardware qfp active classification feature tcam-usage**
12. **show platform hardware qfp active classification class-group-manager class-group all**

16.2cli:

- 1.

2. **show memory platform**
3. **show process memory platform sorted**
4. **show process cpu platform monitor cycles 2**
5. **show process memory platform sorted location fp active**

2

## **IOS-XE ISSU**

ISSU ISSU:

- [ISSU —](#)
- [ISSU](#)

## **IOS-XE**

1.

(ASR1K :16.9.x|ISR4K:16.12.x)

2.

3.

4.

5.

6.

7. **show license udi**

IOS IOS-XE Show Tech

TAC

## **BGP/EIGRP/OSPF/**

Show tech

BGP

Show tech-support bgp

Show ip eigrp events

Show ip eigrp interfaces

EIGRP

Show ip eigrp neighbors

Show ip eigrp topology

Show ip eigrp traffic

OSPF

Show tech-support ospf

"show tech bgp"IOS

BGP

- [BGP —](#)

**EIGRP**

EIGRPEEM

- [EIGRP - EEM](#)

**NAT/PAT/**

IOS-XEIOS NATNAT(FMAN)QFPNATQFPIOS-XENATQFPIOSipaliaswlan

NAT/PATNATIOS-XENAT/PATIOS-XENAT

1. **show tech-support nat**

16.9.x

**Show**

1. **show ip nat statistics**

2. **show ip nat translation**

show ip nat translation

3. **show ip nat translation udp total**

4. **show ip nat translation inside**

5. **show ip aliases**

**Show**

1. **show platform hardware qfp active statistics drop | exc \_0 <<<NAT**

2. **show platform hardware qfp active feature nat datapath map**

3. **show platform hardware qfp active feature nat datapath port**

4. **show platform hardware qfp active feature nat datapath pool**

5. **show platform hardware qfp active feature nat datapath stat**

6. **show platform hardware qfp active feature nat datapath base**

7. **show platform hardware qfp active infrastructure exmem statistics user**

8. **show platform hardware qfp active infrastructure exmem stat**

9. **show platform hardware qfp active feature nat datapath gatein**

10. **show platform hardware qfp active feature nat datapath gateout**

**iWAN**

iWANiWANDMVPNIPSEC(MPLS/INET)PFREIGRP SAFiWANiWAN(MC)(BR)iWAN

iWAN

- /
- EIGRP SAF
- 
- TCA
- 

**MC —**

1. **show tech-support**
2. **show domain IWAN master discovered-sites**
3. **show domain IWAN master site-capability**
4. **IWAN**
5. **show domain IWAN master site-prefix**
6. **show domain IWAN master policy**
7. **show domain IWAN master peering**
8. **show domain IWAN master traffic-classes summary**
9. **show platform hardware qfp active feature pfrv3 datapath global**
10. **show eigrp service-family ipv4 neighbors**
11. **show eigrp service-family ipv4 subscriptions detail**
12. **show eigrp service-family ipv4 topology**
13. **show eigrp service-family ipv4 traffic**
14. **show derived-config | sec router eigrp**

**BR —**

1. **show tech-support**
2. **show domain IWAN border site-capability**
3. **show domain IWAN master site-capability**
4. **show domain IWAN border parent-route**
5. **show domain IWAN border channels dscp default**
6. **show domain IWAN border channels**
7. **show domain IWAN border traffic-classes summary**
8. **IWAN**
9. **show domain IWAN master policy**
10. **show domain IWAN border peering**
11. **IWAN**
12. **show domain IWAN border pmi**
13. **show performance monitor cache monitor**
14. **show platform hardware qfp active feature pfrv3 datapath global**
15. **show eigrp service-family ipv4 neighbors**
16. **show eigrp service-family ipv4 subscriptions detail**
17. **show eigrp service-family ipv4 topology**
18. **show eigrp service-family ipv4 traffic**
19. **show derived-config | sec router eigrp**

IOSIOS-XEShow Tech

TAC

### **%FMFP-3-OBJ\_DWNLD\_TO\_DP\_STUCK**

1. ID: %FMFP-3-OBJ\_DWNLD\_TO\_DP\_STUCK:R0/0:fman\_fp\_image:obj[20] type[215]  
pending-issue Req-create Issued-noneSSLMGRAOM1800
2. IDobj[20]20
3. 2<object\_id> **show platform software object-manager f0 object <object\_id>show platform software object-manager f0 object <object\_id> parentsshow platform software object-manager f0 object <object\_id> childrenshow platform software object-manager f0 object <object\_id>**
4. ID **show platform software object-manager f0 statisticsshow platform software object-manager f0 pending-issue-updateshow platform software object-manager f0 pending-ack-updateshow platform software object-manager f0 object-type-countshow platform software object-manager f0 error-objectshow platform software object-manager f0 resolve-objectshow platform software object-manager f0 stale-objectshow platform software object-manager f0 paused-object-type**

## 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）。