

# クイックスタートガイド：さまざまなルーティングおよびプラットフォーム（IOSおよびIOS-XEルータ）のデータ収集関連問題

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IOSIOS-XEshowTechnical Assistance Center(TAC)(SR)

- IOSIOS XE
- IOSIOS-XE(CLI)

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

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

## ルータおよびIOS-XEアーキテクチャ

IOSIOS XEShow Tech

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### IOS-XE

[Base Information Requested]

1. **show tech**
2. /

Router#**show bootflash:** |

Router#**show bootflash:** |

- 3.

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

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

4. syslog  
(16.11.x)tar

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

16.11Cisco IOS12.1

Router#**sh bootflash:** システムの]

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

## IOS-XEブート障害

RP

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

4. (RPESPSIP/SPA)
5. RPOIRshow 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. **show platform resources**
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](#)

## **IOS-XE**

1. **show tech-support**

Later(ASR1K16.9.x & for ISR4K:16.12.x)

2. **show license all**
3. **show license version**
4. **show license summary**
5. **show license status**
6. **show license usage**
7. **show license udi**

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

Cisco IOSShow 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-support

## show tech bgpIOS

### BGP

- [BGP](#)

### EIGRP

#### EIGRP1EEM

- [EIGRP:EEM](#)

### NAT/PAT/

IOS-XENATIOS NATForwarding Manager(FMAN)QFPNATQFPIOS-XENATQFPipaliasstatic-route wlanIOS

#### NAT/PATNATIOS-XENAT/PATIOS-XENAT

##### 1. show tech-support nat

16.9.xserviceability

### 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 gateway

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

### IWAN

iWAN1DMVPNIPSEC(MPLS/INET)PFREIGRP SAFiWANIWAN1iWAN(MC)(BR)iWAN

iWAN

- /
- EIGRP SAF
- 
- TCA
- 

#### **MC:Master Controller**

1. **show tech-support**
2. **show domain IWAN master discovered-sites**
3. **show domain IWAN master site-capability**
4. **show domain IWAN master status**
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:Border Router**

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. **show domain IWAN master status**
9. **show domain IWAN master policy**
10. **show domain IWAN border peering**
11. **show domain IWAN border status**
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

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### **%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-noneSSLMGRAOMSecondary Init to Data Plane1800
2. IDobj[20]20
3. '<object\_id>'2 **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> downlinks**
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**

## 翻訳について

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