

빠른 시작 가이드 - 다양한 라우팅 및 플랫폼(IOS 및 IOS-XE 라우터)에 대한 데이터 수집 관련 문제

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IOS IOS-XE Router , show . TAC(Technical Assistance Center) SR(Service Request)

- IOS IOS-XE
- IOS IOS-XE CLI(Command Line Interface)

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

1. ? .
2. ? . .
3. ? ? , ? ?
4. /
5. ()?
6. ?

라우터 및 IOS-XE 아키텍처

IOS & IOS-XE , "Show Tech" .

. TAC .

IOS-XE

: . Base Information Requested .

1. "show tech"

2. Bootflash/Harddisk .

Router#show bootflash: |

Router#show bootflash: |

3. Bootflash

#

Router# rp :

4. Syslog

(16.11.x). tar .

1.

2.

3. /

4. RP/cyan

16.11 , "system-report" .

라우터#sh 부트플래시: | in sys

12 2020년 10월 25일 05:08:05.0000000000 +00:00 /bootflash/core/system-report_20201020-050805-UTC.tar.gz <<<

IOS-XE 부팅 실패

: . RP(Route-Processor) .

1. "show tech" .
2. " " .
3. LED .

:

4. (: RP, ESP SIP/SPA) .
5. RP , soft-oir "show logging" .

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

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

IOS-XE

: IOS .

1. CCO Suggested (Star Marked) .
2. IOS-XE . [IOS-XE](#)
3. 3.x 16.x . [_](#)

IOS-XE

: . . IOS-XE .

IOS-XE .

- [:IOS-XE](#)

16.9.x "Show 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**
5. **show platform software process slot rp active monitor cycle 2**
6. **show platform software process list fp active summary**
7. **show platform software process slot fp active monitor cycle 2**
8. **qfp exmem**
9. **show platform hardware qfp active infrastructure exmem statistics user**
10. **qfp tcam**
11. **show platform hardware qfp active classification feature tcam-usage**
12. **show platform hardware qfp active classification class-group-manager class-group all**

16.2 cli .

- 1.
2. **show memory platform**
3. **show process memory platform sorted**
4. **show process cpu platform monitor cycle 2**
5. **show process memory platform sorted location fp active**

: 'cycles 2'

IOS-XE ISSU

: ISSU () . ISSU .

- [ISSU -](#)
- [ISSU](#)

IOS-XE

: . "License not getting installed", License file not seen as Permanent . .

1. **show tech-support**

: (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/

: , "Base Information Requested()" . "Show tech" .

BGP	bgp
	ip eigrp
	IP eigrp
EIGRP	ip eigrp
	IP eigrp
	show ip eigrp traffic
OSPF	ospf

: "show tech bgp" IOS " " .

BGP .

- [BGP -](#)

EIGRP :

: EIGRP . EEM .

- [EIGRP - EEM](#)

NAT/PAT(/)

IOS-XE NAT IOS NAT FMAN(Forwarding Manager) QFP . NAT QFP . IOS-XE NAT . QFP ipalias, static-route, wlan IOS .

: NAT/PAT . , NAT . IOS-XE NAT/PAT . IOS-XE NAT .

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. ip

Show

1. show platform hardware qfp active statistics drop(qfp) | 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

10. show platform hardware qfp active feature nat datapath

iWAN . iWAN DMVPN, IPSEC, (MPLS/INET), PFR, EIGRP SAF . iWAN . iWAN
"MC(Master Controller)" "BR(Border Router)" , iWAN .

: iWAN .

- / .
- EIGRP SAF
-
- TCA
-
-

MC -

1. **show tech-support**
2. **IWAN**
3. **show domain IWAN master site-capability**
4. **IWAN**
5. **IWAN**
6. **IWAN**
7. **IWAN**
8. **show domain IWAN master traffic-classes**
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. **| sec eigrp**

BR -

1. **show tech-support**
2. **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. **IWAN**
7. **show domain IWAN border traffic-classes**
8. **IWAN**
9. **IWAN**
10. **IWAN**
11. **IWAN**
12. **IWAN border pmi**
- 13.
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. | sec eigrp

IOS IOS-XE , "Show 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-noneSSLMGR AOM : 1800 .
2. ID obj[20] 20
3. '<object_id>' 2 . **show platform software object-manager f0 object <object_id>show
platform software object-manager f0 object <object_id> show platform software
object-manager f0 object <object_id> show 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**

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