

رم اوأال رطس ةهجاو رماوأا تاريي غت NCS 6008 ةصنم نع ةلق تسملا

ةمدقملا

تاكبشلا براق ت ماطن ب ةصاخلا ةلق تسملا (CLI) رماوأال رطس ةهجاو رماوأا دن تسملا اذه فص ي هيجوت ماطن تاهجوم ب ةنراقم اهريي غت مت ي تال 5.0.1 رادصإل، Cisco IOS® XR نم 6000 (NCS) Cisco IOS XR نم ىرخأ تارادصإ لغشت ي تال Cisco نم (CRS) لقانلا.

CLI تاريي غت مه ف ديرى و Cisco IOS XR عم ةربخل يوذ نم صخش ي دن تسملا اذه فدهتسي 5.0.1 رادصإل او NCS 6008 عم اهؤارج مت ي تال.

مت ي تال (PD) يساسأل ماطنلا ىلإ ةدن تسملا رماوأال دن تسملا اذه لوانت ي ال: **ةطخال** م NCS 6008 يساسأل ماطنلل اصي صخ اهؤاشنإ مت وأ اهريي غت.

ةيساسأل تابل طتملا

تابل طتملا

ةيلاتلا عيضاوملاب يوتسملا ةيلاع ةفرعم كي دل نوكت نأب Cisco ي صوت:

- Cisco نم IOS XR CLI رماوأا
- NCS 6008 ةينب

ةمدختسملا تانوكملا

NCS 6008 لىل ع ضكري نأ 5.0.1 قالطل Cisco IOS XR لىل ةقويثو اذه ديقي.

ةصاخ ةيلمعم ةئيب ي ف ةدوجوملا ةزهجال نم دن تسملا اذه ي ف ةدراول تاملول عملا عاشنإ مت تناك اذإ. (يضا رتفا) حوسمم نيوك ت ب دن تسملا اذه ي ف ةمدختسملا ةزهجال عي مج تادب رما ي ل لم ت ح م ل ر ي ث ا ت ل ل ك م ه ف ن م د ك ا ت ف ، ةرشابم ك ت ك ب ش .

دن تسملا اذه مادختسا ةي فيك

و NCS 6008 ل دن تسملا اذه ي ف ةجر د م ل NCS 6008 ل ك ي ه ل ل ةلق تسملا رماوأال ريي غت مت ك ل ذك و تاريي غت ل ل زجوم دري و . يئاهلا بي ت رت ل ل اب ج ر د م ر م ل ك . 5.0.1 رادصإل، Cisco IOS XR، بسانملا رماوأال عجرم لىل دب رما ل ك ط ب ر م ت ي . ةدح م ل قورفل نأشب ةي فاضل لى صافات احاتم نوكي ام دن ع .

رماوأال نم دي د ل ل اهني م ض ت مت ي CLI CRS تاج ر م عم تانراقملا و CLI تاج ر م لىل ل ل م .

تاريخي غتال في رعت ىل ع ئراق لال ءدعاس مل رم ل كل "يس يئر" و "يونات" ءمي ق ني عت مت
طقف جارخال و اراخال و اقمجال انا ب في ءطي سب تاريخي غت يه يتال كلت نم ءمه مل

قاجال

قالط، ءي ءت جاحسم cisco NCS 6000 sery ل ل عجرم رم ا ءرا ءل ماظنل نم مسق [attach](#) ل تلح ا
ءمول عم ري ثك ل 5.0.x.

EXEC ءضو نم اراخال رفوت ي: صخلم

ي ءضو في **attach location** رم ال ما ءت س ا، ءي ع ب ع قوم نم في ضم ب لاصت ال ل: لي صافات ال
ماظنل لىل ع **run attach** رم ال نع ال يل ق ءي لمع ال هءه فلل تخت. ماظنل ا ءرا ءل EXEC و XR EXEC
في (VMs) XR ءي ره اظلا ءزه ا ل او (SysAdmin) ماظنل ل لوؤسم ل ص ف ب سب CRS ي ساس ال
ءف ءص ءجوي، (RP) هـي جوت جلا عم و طوطخ ءق ا طب ل كل ءب سن ل اب Cisco IOS XR نم 5.0.1 را ءص ال
XR Vm و System Admin VM ل في ضم

يونات: ءي مه ال

XR VM نم RP و linecard لىل تن ا طب ري في ك انه

```
RP/0/RP0/CPU0:ncs6k#attach ?
location Specify a location
RP/0/RP0/CPU0:ncs6k#attach location ?
0/0/CPU0 Fully qualified location specification
0/7/CPU0 Fully qualified location specification
0/RP0/CPU0 Fully qualified location specification
0/RP1/CPU0 Fully qualified location specification
WORD Fully qualified location specification
```

```
RP/0/RP0/CPU0:ncs6k#attach location 0/0/CPU0
Mon Jan 20 10:03:53.863 UTC
[xr-vm_node0_0_CPU0:~]$ export PS1=#
#
#
#
#exit
```

```
RP/0/RP0/CPU0:ncs6k#attach location 0/RP1/CPU0
Mon Jan 20 10:04:08.287 UTC
[xr-vm_node0_RP1_CPU0:~]$ export PS1=#
#
#
#exit
```

SysAdmin VM نم RP و linecard لىل طبترت تن ا في ك انه

```
RP/0/RP0/CPU0:ncs6k#admin
Mon Jan 20 10:04:30.400 UTC
root connected from 127.0.0.1 using console on xr-vm_node0_RP0_CPU0
```

```
sysadmin-vm:0_RP0# attach ?
Possible completions:
location node ID, in #/#/CPU# format
```

```
sysadmin-vm:0_RP0# attach location ?
Possible completions:
```

0/0 0/7 0/RP0 0/RP1

```
sysadmin-vm:0_RP0# attach location 0/0
Mon Jan 20 10:05:08.279 UTC
[sysadmin-vm:0_0:~]$ exec chvrf 2 bash
[sysadmin-vm:0_0:~]$
[sysadmin-vm:0_0:~]$
[sysadmin-vm:0_0:~]$ exit
```

```
sysadmin-vm:0_RP0# attach location 0/RP1
Mon Jan 20 10:05:27.960 UTC
[sysadmin-vm:0_RP1:~]$ exec chvrf 2 bash
[sysadmin-vm:0_RP1:~]$
[sysadmin-vm:0_RP1:~]$
[sysadmin-vm:0_RP1:~]$ exit
```

```
sysadmin-vm:0_RP0#
sysadmin-vm:0_RP0#
```

حضاو قاييس

ديدخت جاحسم Cisco NCS 6000 sery ل ل عجرم رمأ قراد ماظنلا نم مسق [قاييس clear](#) ل ل تلحأ، ةمولعم ريثك ل 5.0.x قالطإ

كولسلا يف ةطيسب تاريغت كانه: صخلم

رم اوألا رطس ةهجاو تاراخي سفن ل ع يوتحي: ليصافتلا (CLI).

يوناث: ةيمهالا

خسن

قالطإ، ديدخت جاحسم Cisco NCS 6000 sery ل ل عجرم رمأ قراد ماظنلا نم مسق [قخسن](#) ل ل تلحأ، ةمولعم ريثك ل 5.0.x

SysAdmin VM و XR VM نيب خسنلا بعصلا نم. ةرفوتم ريغ تاراخيخا لضع ب: صخلم

VM ةخسنب ةصاخلا (CLI) رم اوألا رطس ةهجاو نمض تافلما ل قنل FTP معد متي: ليصافتلا XR.

ل ع XR VMs و SysAdmin VM ن ل يوتحي. نالصفنم XR VM و SysAdmin VM تافلما ماظن خسن بجي، **harddisk:** أو **disk0:** نم مزح تيبتت وأ خسنب موقت ام دنع. لئالذل **disk0:** و **harddisk:** XR تافلما ماظن ل (XR SMUs، ةيرايتخالا مزحلا، iso) XR VM نم اهتيبتت متي تلل مزحلا VM. تافلما ماظن (Admin VM Filesystem) ل Admin VM ةصاخلا SMU تادحو خسن متي. "تيبتتلا ةفاضلا" ةيلمع عارجا ل بق (Admin) ب صاخلا

يسيئر: ةيمهالا

```
RRP/0/RP0/CPU0:NCS6008-SJ#copy ?
/recurse      Recursively list subdirectories encountered
WORD         Copy from file
access-list   Access lists
disk0:       Copy from disk0: file system
disk1:       Copy from disk1: file system
ftp:         Copy from ftp: file system
```

```
harddisk:      Copy from harddisk: file system
prefix-list    Prefix lists
running-config Copy from current system configuration
tftp:          Copy from tftp: file system
xml-schema     Copy XML schema files as a tar ball file (.tar.gz)
```

RP/0/RP0/CPU0:NCS6008-SJ#**admin**

Wed Feb 19 18:08:46.614 UTC

cisco connected from 127.0.0.1 using console on xr-vm_node0_RP0_CPU0

sysadmin-vm:0_RP0# **copy ?**

Possible completions:

```
<WORD>          Name of the file
config:         Copy from config: file system
disk0:          Copy from disk0: file system
harddisk:       Copy from harddisk: file system
log:            Copy from log: file system
recurse         Recursively list subdirectories encountered
rootfs:         Copy from rootfs: file system
running-config Copy running config to file, overwriting it if it exists
tftp:           Copy from tftp: file system
```

نوفصت

XR VM و SysAdmin VM ف رفوتې رمأل. تاجرخلما ف ةيونات تاريغيت كانه: صخلم

XR رماوا ل يغشتل ةبولطملم ماهملم تافرعم ىلع تاريغيتلا ضعبدوجو ىل رمال جارخا ريشي NCS-6008 ىلع لباقم CRS ىلع

سېل نكلو رماوالا ضعبل لمعې هنإف، SysAdmin VM ف فصولا مادختسا دنع: لىصافتلا Linux Operating System (OS) رمال رمال اذھ رمال جارخا نم SysAdmin VM رادصا ضرعې. نېرخالل اهمادختسا متي ال TaskIDs نا امب. SysAdmin VM ف رمال ذيفنتل هؤاعدتسا متي ذللا اهمادختسا دنع تامولعملال كلت نمضتې ال فصولا جارخا نإف، SysAdmin VM رماوا ذيفنتل ف SysAdmin VM.

يونات: ةيمهالا

RP/0/RP1/CPU0:NCS6008-A#**describe show install active**

The command is defined in instmgr_cmd.parser

User needs ALL of the following taskids:

```
root-system (READ) or cisco-support (READ) or root-lr (READ)
```

It will take the following actions:

Thu Jun 25 08:40:38.485 UTC

Spawn the process:

```
sdr_instcmd show install active
```

RP/0/RP0/CPU0:CRS-J#**describe show install active**

The command is defined in instmgr_cmds.parser

Node 0/RP0/CPU0 has file instmgr_cmds.parser for boot package

/disk0/hfr-os-mbi-4.3.1/0x100008/mbihfr-rp-x86e.vm from iosxr-infra

Package:

```
iosxr-infra
  iosxr-infra V4.3.1[Default] IOS-XR Infra Package Definition
  Vendor : Cisco Systems
  Desc   : IOS-XR Infra Package Definition
  Build  : Built on Sun May 12 03:53:02 UTC 2013
  Source : By iox-bld2 in /auto/srcarchive7/production/4.3.1/all/workspace
```

for pie

```
  Card(s): RP, RP-B, HRP, CRS-RP-X86, CRS8-RP-x86, CRS16-RP-x86, DRP,
40G-MS-C, 140G-MS-C, SP, SC
  Restart information:
  Default:
    parallel impacted processes restart
  Size Compressed/Uncompressed: 87MB/214MB (40%)
```

Component:

```
  installmgr.x86e V0.0.5[r43x/12] On the box installation program
```

File:

```
  instmgr_cmds.parser
  Card(s)           : CRS-RP-X86, CRS8-RP-x86, CRS16-RP-x86
  File type         : Default
  Remotely-hosted   : No
  Local view        : /pkg/parser/instmgr_cmds.parser
  Local install path : /disk0/iosxr-infra-4.3.1/0x100008/parser/instmgr_cmds.parser
(Compressed)
  Central install path : /disk0/iosxr-infra-4.3.1/0x100008/parser/instmgr_cmds.parser
(Compressed)
  Uncompressed size  : 116KB
  Compressed size    : 45KB
  Uncompressed MD5   : 697582f5d5318bf583b5c3329adad088
  Compressed MD5     : ef9cad3bf493e9f8173520b513a7c777
```

User needs ALL of the following taskids:

```
  pkg-mgmt (READ)
```

It will take the following actions:

```
Tue Feb 11 21:57:54.803 UTC
```

Spawn the process:

```
  instcmd show install active
```

```
RP/0/RP1/CPU0:NCS6008-A#admin
```

```
sysadmin-vm:0_RP1# describe show media
```

```
Thu Jun 25 09:09:59.573 UTC
```

Common

```
  Source : clispec
```

```
  File   : /opt/cisco/calvados/confd/etc/confd/schema/showmedia.cli
```

Callback [os command]

```
  OS command : /opt/cisco/calvados/confd/etc/confd/scripts/show_media.sh
```

Help

```
  display media info
```

Info

```
  display media info
```

```
sysadmin-vm:0_RP1# run
```

```
Thu Jun 25 09:14:45.756 UTC
```

```
[sysadmin-vm:0_RP1:~]$ /opt/cisco/calvados/confd/etc/confd/scripts/show_media.sh
```

```
-----
Partition                Size      Used  Percent  Avail
-----
```

rootfs:	2.9G	480M	18%	2.3G
log:	494M	103M	22%	366M
config:	494M	24M	6%	445M
disk0:	965M	25M	3%	892M
harddisk:	37G	1.5G	5%	34G

```
-----
rootfs: = root file system (read-only)
log: = system log files (read-only)
config: = configuration storage (read-only)
```

ةيواح

Cisco NCS 6000، رادصإلإ 5.0.x ةلسلس ةل سلس ءومل ماطنللا ةرادا رم اوأ ءجرم في [dumpcore](#) مسق ءجار تامول ءملا نم ءيزم ل ءل ءوصءلل

اهكولسو CLI تاراخي ءل ء في فط تاريغت كانه :صءلم

ل ءغشءل ءي فنء ءن ء. ءارهلا ءاءاً نم الءب ءي لم ءل ءعاسم ماءءءسإ مءي :ل صافاءل مءل ارءن syslog في ءارءإل ل ءل ءمءي، (NCS) ءكءب ءل ءهءاو ءاقاءب ءل ءل ءل ءل ل ءزهلا زاهءل ءطساوب syslog ءل ءل crashinfo ءبءاء

يوناء :ةيمءلإ

```
RP/0/RP0/CPU0:NCS6008-A#dumpcore ?
running Perform a core dump for a running process
suspended Suspend the process while generating core and resume afterwards
```

```
RP/0/RP0/CPU0:NCS6008-A#dumpcore running admin-cli-proxy-xr_static
Sat Jan 31 23:54:27.345 UTC
Dump core Succeeded
```

```
RP/0/RP0/CPU0:Jan 31 23:54:27.422 : corehelper[139]: dump_core starts, only one
core is dumped at a time
RP/0/RP0/CPU0:Jan 31 23:54:27.600 : corehelper[139]: Copied core
admin-cli-proxy-xr_static.14548.by.user.19700131-235427.xr-vm_node0_RP0_CPU0.9e781.core.gz
to 0/RP0/CPU0:/misc/disk1
RP/0/RP0/CPU0:Jan 31 23:54:27.601 : corehelper[139]: Deleted core file
admin-cli-proxy-xr_static.14548.by.user.19700131-235427.xr-vm_node0_RP0_CPU0.9e781.core.gz.
```

```
RP/0/RP0/CPU0:CRS-J#dumpcore running bgp
Fri Nov 15 17:56:33.834 UTC
```

```
RP/0/RP0/CPU0:Nov 15 17:56:33.852 : dumper[61]: %OS-DUMPER-7-DUMP_REQUEST :
Dump request for process pkg/bin/bgp
RP/0/RP0/CPU0:Nov 15 17:56:33.853 : dumper[61]: %OS-DUMPER-7-DUMP_ATTRIBUTE :
Dump request with attribute 7 for process pkg/bin/bgp
RP/0/RP0/CPU0:Nov 15 17:56:33.854 : dumper[61]: %OS-DUMPER-4-CORE_INFO :
Core for pid = 549148 (pkg/bin/bgp) requested by pkg/bin/dumper_gen@node0_RP0_CPU0
RP/0/RP0/CPU0:Nov 15 17:56:33.854 : dumper[61]: %OS-DUMPER-7-PROC_PAGES :
Process memory pages 581
RP/0/RP0/CPU0:Nov 15 17:56:33.856 : dumper[61]: %OS-DUMPER-6-FALLBACK_CHOICE :
Fall back choice: 0(harddisk:/dumper) in use
RP/0/RP0/CPU0:Nov 15 17:56:33.856 : dumper[61]: %OS-DUMPER-7-REGISTERS_INFO :
EDI ESI EBP(fp) EXX
RP/0/RP0/CPU0:Nov 15 17:56:33.856 : dumper[61]: %OS-DUMPER-7-REGISTERS_INFO :
R0 1031b8bc 041ff980 041ff95c e899ab58
RP/0/RP0/CPU0:Nov 15 17:56:33.856 : dumper[61]: %OS-DUMPER-7-REGISTERS_INFO :
EBX EDX ECX EAX
RP/0/RP0/CPU0:Nov 15 17:56:33.856 : dumper[61]: %OS-DUMPER-7-REGISTERS_INFO :
```

```

R4 1031b99c 082657da 041ff8dc 0000000e
RP/0/RP0/CPU0:Nov 15 17:56:33.856 : dumper[61]: %OS-DUMPER-7-REGISTERS_INFO :
    EIP(pc)      CS      EFL      ESP
RP/0/RP0/CPU0:Nov 15 17:56:33.856 : dumper[61]: %OS-DUMPER-7-REGISTERS_INFO :
    R8 082657da 000000f3 80001202 041ff8dc
RP/0/RP0/CPU0:Nov 15 17:56:33.856 : dumper[61]: %OS-DUMPER-7-REGISTERS_INFO :
    SS
RP/0/RP0/CPU0:Nov 15 17:56:33.856 : dumper[61]: %OS-DUMPER-7-REGISTERS_INFO :
    R12 000000fb
RP/0/RP0/CPU0:Nov 15 17:56:33.857 : dumper[61]: %OS-DUMPER-7-TRACE_BACK :
#0 0x82657da
RP/0/RP0/CPU0:Nov 15 17:56:33.862 : dumper[61]: %OS-DUMPER-7-TRACE_BACK :
#1 0x81ef5d3
RP/0/RP0/CPU0:Nov 15 17:56:33.862 : dumper[61]: %OS-DUMPER-7-TRACE_BACK :
#2 0x81f1605
RP/0/RP0/CPU0:Nov 15 17:56:33.862 : dumper[61]: %OS-DUMPER-7-TRACE_BACK :
#3 0x81f287b
RP/0/RP0/CPU0:Nov 15 17:56:33.862 : dumper[61]: %OS-DUMPER-7-TRACE_BACK :
#4 0xb439fb4
RP/0/RP0/CPU0:Nov 15 17:56:33.862 : dumper[61]: %OS-DUMPER-7-TRACE_BACK :
#5 0x424d770
RP/0/RP0/CPU0:Nov 15 17:56:33.862 : dumper[61]: %OS-DUMPER-7-TRACE_BACK :
#6 0x4202080
RP/0/RP0/CPU0:Nov 15 17:56:33.862 : dumper[61]: %OS-DUMPER-7-INSTALL_PKG_SHOW_FAILED :
active installed packages show failed: Information not available
RP/0/RP0/CPU0:Nov 15 17:56:33.864 : dumper[61]: %OS-DUMPER-7-DLL_INFO_HEAD :
DLL path      Text addr.  Text size  Data addr.  Data size  Version
RP/0/RP0/CPU0:Nov 15 17:56:33.864 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/hfr-os-4.1.2/0x100008/lib/libplatform.dll 0x08178000 0x0000a000 0x08182000
0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.865 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/lib/libsystemgr.dll 0x08186000 0x00018000 0x0819e000 0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.865 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/hfr-os-4.1.2/0x100008/lib/libcerrno.dll 0x0819f000 0x00003000 0x081a2000
0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.865 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/hfr-os-4.1.2/0x100008/lib/libbios.dll 0x081a3000 0x0002f000 0x081d2000
0x00002000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.865 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/hfr-os-4.1.2/0x100008/lib/libss_common.dll 0x081d4000 0x00007000 0x081db000
0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.865 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/hfr-os-4.1.2/0x100008/lib/libinfra.dll 0x081dc000 0x0003e000 0x0821a000
0x00003000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.865 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/lib/libltrace.dll 0x0821d000 0x0000b000 0x08228000 0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.866 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/hfr-os-4.1.2/0x100008/lib/lib_platform_infra_ltrace.dll 0x08229000 0x00001000
0x0822a000 0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.866 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/hfr-os-4.1.2/0x100008/lib/libcsemlock.dll 0x0822b000 0x00003000 0x0822e000
0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.866 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/hfr-os-4.1.2/0x100008/lib/libpcds.dll 0x08233000 0x00008000 0x0823b000
0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.866 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/lib/libc.dll 0x08241000 0x0007c000 0x082bd000 0x00003000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.866 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/hfr-os-4.1.2/0x100008/lib/lib_procfs_util.dll 0x082c6000 0x00004000
0x082ca000 0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.866 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/hfr-os-4.1.2/0x100008/lib/libsyslog.dll 0x082cb000 0x00004000 0x082cf000
0x00001000 0

```

RP0/RP0/CPU0:Nov 15 17:56:33.866 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/hfr-os-4.1.2/0x100008/lib/libbackplane.dll 0x082d0000 0x00002000 0x082d2000
0x00001000 0

RP0/RP0/CPU0:Nov 15 17:56:33.866 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/hfr-os-4.1.2/0x100008/lib/libnodeid.dll 0x082d3000 0x00009000 0x082dc000
0x00002000 0

RP0/RP0/CPU0:Nov 15 17:56:33.866 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/hfr-os-4.1.2/0x100008/lib/libpackage.dll 0x08341000 0x000062000 0x083a3000
0x00002000 0

RP0/RP0/CPU0:Nov 15 17:56:33.867 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/hfr-os-4.1.2/0x100008/lib/libdebug.dll 0x083ba000 0x0000f000 0x083c9000
0x00001000 0

RP0/RP0/CPU0:Nov 15 17:56:33.867 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/hfr-os-4.1.2/0x100008/lib/libnotify.dll 0x08400000 0x00030000 0x08430000
0x00001000 0

RP0/RP0/CPU0:Nov 15 17:56:33.867 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/hfr-os-4.1.2/0x100008/lib/libinst_debug.dll 0x08431000 0x00003000 0x08434000
0x00001000 0

RP0/RP0/CPU0:Nov 15 17:56:33.867 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/hfr-os-4.1.2/0x100008/lib/lib_shmwin_pl_vm.dll 0x08444000 0x00001000
0x08445000 0x00001000 0

RP0/RP0/CPU0:Nov 15 17:56:33.867 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/hfr-os-4.1.2/0x100008/lib/lib_mutex_monitor.dll 0x08453000 0x00002000
0x08455000 0x00001000 0

RP0/RP0/CPU0:Nov 15 17:56:33.867 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/hfr-os-4.1.2/0x100008/lib/libshmwin.dll 0x08456000 0x00012000 0x08468000
0x00001000 0

RP0/RP0/CPU0:Nov 15 17:56:33.867 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/hfr-os-4.1.2/0x100008/lib/libcci_client.dll 0x085de000 0x0000b000 0x085e9000
0x00001000 0

RP0/RP0/CPU0:Nov 15 17:56:33.867 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/hfr-os-4.1.2/0x100008/lib/libcci_hal.dll 0x085ea000 0x0000e000 0x085f8000
0x00002000 0

RP0/RP0/CPU0:Nov 15 17:56:33.867 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/hfr-os-4.1.2/0x100008/lib/libtlv.dll 0x08c75000 0x00004000 0x08c79000
0x00001000 0

RP0/RP0/CPU0:Nov 15 17:56:33.868 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/hfr-os-4.1.2/0x100008/lib/lib_i2c_client_api.dll 0x08d9a000 0x00012000
0x08dac000 0x00001000 0

RP0/RP0/CPU0:Nov 15 17:56:33.868 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-infra-4.1.2/0x100008/lib/libsysdb.dll 0x08e00000 0x0003e000
0x08e3e000 0x00001000 0

RP0/RP0/CPU0:Nov 15 17:56:33.868 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-infra-4.1.2/0x100008/lib/libsysdbutils.dll 0x08e3f000 0x00012000
0x08e51000 0x00001000 0

RP0/RP0/CPU0:Nov 15 17:56:33.868 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/hfr-os-4.1.2/0x100008/lib/libship.dll 0x08e80000 0x00007000 0x08e87000
0x00001000 0

RP0/RP0/CPU0:Nov 15 17:56:33.868 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-infra-4.1.2/0x100008/lib/libwd_notif.dll 0x08e88000 0x00008000
0x08e90000 0x00001000 0

RP0/RP0/CPU0:Nov 15 17:56:33.868 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/hfr-os-4.1.2/0x100008/lib/libpkgfs_query.dll 0x08ea9000 0x00002000
0x08eab000 0x00001000 0

RP0/RP0/CPU0:Nov 15 17:56:33.868 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/hfr-os-4.1.2/0x100008/lib/libshmmalloc.dll 0x08ebc000 0x00005000 0x08ec1000
0x00001000 0

RP0/RP0/CPU0:Nov 15 17:56:33.868 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-infra-4.1.2/0x100008/lib/libredcon.dll 0x08ec2000 0x00006000
0x08ec8000 0x00001000 0

RP0/RP0/CPU0:Nov 15 17:56:33.868 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/hfr-os-4.1.2/0x100008/lib/libpacket_common.dll 0x08ee1000 0x00015000
0x08ef6000 0x00001000 0

RP/0/RP0/CPU0:Nov 15 17:56:33.869 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-infra-4.1.2/0x100008/lib/libgroup.dll 0x08ef7000 0x0001b000
0x08f12000 0x00003000 0

RP/0/RP0/CPU0:Nov 15 17:56:33.869 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-infra-4.1.2/0x100008/lib/libgsputils.dll 0x08f24000 0x0000c000
0x08f30000 0x00003000 0

RP/0/RP0/CPU0:Nov 15 17:56:33.869 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/hfr-base-4.1.2/0x100008/lib/redcon_plfm.dll 0x08fa3000 0x00003000
0x08fa6000 0x00001000 0

RP/0/RP0/CPU0:Nov 15 17:56:33.869 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-infra-4.1.2/0x100008/lib/libinfra_nsr.dll 0x0901f000 0x00008000
0x09027000 0x00001000 0

RP/0/RP0/CPU0:Nov 15 17:56:33.869 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/hfr-base-4.1.2/0x100008/lib/lib_cctl_client_api.dll 0x0903d000
0x0001d000 0x0905a000 0x00002000 0

RP/0/RP0/CPU0:Nov 15 17:56:33.869 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-infra-4.1.2/0x100008/lib/libip_tlvlib.dll 0x09219000 0x00003000
0x0921c000 0x00001000 0

RP/0/RP0/CPU0:Nov 15 17:56:33.869 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-infra-4.1.2/0x100008/lib/libbag.dll 0x09223000 0x00007000
0x0922a000 0x00001000 0

RP/0/RP0/CPU0:Nov 15 17:56:33.869 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/hfr-base-4.1.2/0x100008/lib/libfabaddr.dll 0x09267000 0x00003000
0x0926a000 0x00001000 0

RP/0/RP0/CPU0:Nov 15 17:56:33.869 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-infra-4.1.2/0x100008/lib/libens.dll 0x09283000 0x00010000
0x09293000 0x00002000 0

RP/0/RP0/CPU0:Nov 15 17:56:33.869 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/hfr-os-4.1.2/0x100008/lib/lib_spp_client.dll 0x092ac000 0x00012000
0x092be000 0x00002000 0

RP/0/RP0/CPU0:Nov 15 17:56:33.870 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-infra-4.1.2/0x100008/lib/libnrsutils.dll 0x09337000 0x00005000
0x0933c000 0x00001000 0

RP/0/RP0/CPU0:Nov 15 17:56:33.870 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/hfr-os-4.1.2/0x100008/lib/libpacket.dll 0x093dc000 0x00012000 0x093ee000
0x00001000 0

RP/0/RP0/CPU0:Nov 15 17:56:33.870 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-infra-4.1.2/0x100008/lib/libnrs.dll 0x094a0000 0x00007000
0x094a7000 0x00001000 0

RP/0/RP0/CPU0:Nov 15 17:56:33.870 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-fwding-4.1.2/0x100008/lib/libifmgr.dll 0x09778000 0x00042000
0x097ba000 0x00003000 0

RP/0/RP0/CPU0:Nov 15 17:56:33.870 : dumper[61]: %OS-DUMPER-6-BAD_PATH :
Choice 0() either not configured or bad path at <3524>. Trying next choice.

RP/0/RP0/CPU0:Nov 15 17:56:33.870 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-fwding-4.1.2/0x100008/lib/libim_util.dll 0x097c4000 0x00021000
0x097e5000 0x00009000 0

RP/0/RP0/CPU0:Nov 15 17:56:33.870 : dumper[61]: %OS-DUMPER-6-BAD_PATH :
Choice 1() either not configured or bad path at <3384>. Trying next choice.

RP/0/RP0/CPU0:Nov 15 17:56:33.870 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-infra-4.1.2/0x100008/lib/librpc.dll 0x09800000 0x00008000
0x09808000 0x00001000 0

RP/0/RP0/CPU0:Nov 15 17:56:33.870 : dumper[61]: %OS-DUMPER-6-BAD_PATH :
Choice 2() either not configured or bad path at <3384>. Trying next choice.

RP/0/RP0/CPU0:Nov 15 17:56:33.870 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-infra-4.1.2/0x100008/lib/libasync.dll 0x09840000 0x0000d000
0x0984d000 0x00001000 0

RP/0/RP0/CPU0:Nov 15 17:56:33.870 : dumper[61]: %OS-DUMPER-6-BAD_PATH :
Choice 3() either not configured or bad path at <3384>. Trying next choice.

RP/0/RP0/CPU0:Nov 15 17:56:33.871 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-infra-4.1.2/0x100008/lib/libcbp.dll 0x0984e000 0x00007000
0x09855000 0x00001000 0

RP/0/RP0/CPU0:Nov 15 17:56:33.871 : dumper[61]: %OS-DUMPER-7-DLL_INFO :

/disk0/iosxr-infra-4.1.2/0x100008/lib/libsysdbbackend.dll 0x099d0000
0x00006000 0x099d6000 0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.871 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-fwding-4.1.2/0x100008/lib/libipaddr_cons.dll 0x09ae7000
0x0001f000 0x09b06000 0x00004000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.871 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-fwding-4.1.2/0x100008/lib/libiparmaddr.dll 0x09b0a000
0x00002000 0x09b0c000 0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.871 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-fwding-4.1.2/0x100008/lib/libiparmtlv.dll 0x09b0d000 0x00002000
0x09b0f000 0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.871 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-infra-4.1.2/0x100008/lib/libbackend_sysdb.dll 0x09b4c000
0x00006000 0x09b52000 0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.872 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-infra-4.1.2/0x100008/lib/libbackend_parser.dll 0x09b53000
0x00003000 0x09b56000 0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.872 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-infra-4.1.2/0x100008/lib/libwd_evm.dll 0x09b83000 0x00004000
0x09b87000 0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.872 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/hfr-fwding-4.1.2/0x100008/lib/lib_ppfi_buffhdr.dll 0x09b88000
0x00014000 0x09b9c000 0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.872 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/hfr-fwding-4.1.2/0x100008/lib/libhfr_buffhdr_hal.dll 0x09b9d000
0x00004000 0x09ba1000 0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.872 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-infra-4.1.2/0x100008/lib/libsysdbhelper.dll 0x09c1d000
0x00004000 0x09c21000 0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.872 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-infra-4.1.2/0x100008/lib/librsi.dll 0x0a0fc000 0x0000d000
0x0a109000 0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.872 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-infra-4.1.2/0x100008/lib/librsi_util.dll 0x0a11b000 0x00003000
0x0a11e000 0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.872 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/hfr-os-4.1.2/0x100008/lib/libpacket_netio.dll 0x0a13e000 0x0000b000
0x0a149000 0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.873 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-infra-4.1.2/0x100008/lib/librsi_dbg.dll 0x0a14a000 0x00002000
0x0a14c000 0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.873 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-infra-4.1.2/0x100008/lib/librp_isolation.dll 0x0a152000
0x00002000 0x0a154000 0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.873 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/hfr-os-4.1.2/0x100008/lib/libnsr_platform.dll 0x0a1dc000 0x00003000
0x0a1df000 0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.873 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-fwding-4.1.2/0x100008/lib/libpfi_ifh.dll 0x0a1fb000 0x00005000
0x0a200000 0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.873 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/hfr-os-4.1.2/0x100008/lib/libhfr_spp_client.dll 0x0a235000 0x00006000
0x0a23b000 0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.873 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-fwding-4.1.2/0x100008/lib/libpfi_util.dll 0x0a24c000 0x00002000
0x0a24e000 0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.873 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-infra-4.1.2/0x100008/lib/libxipc.dll 0x0a26f000 0x00004000
0x0a273000 0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.874 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-infra-4.1.2/0x100008/lib/libip_bgp_attr_util.dll 0x0a2af000
0x00002000 0x0a2b1000 0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.874 : dumper[61]: %OS-DUMPER-7-DLL_INFO :

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/disk0/iosxr-infra-4.1.2/0x100008/lib/libnsr_qad_client.dll 0x0a2cd000
0x00008000 0x0a2d5000 0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.874 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-fwding-4.1.2/0x100008/lib/libip6_acl.dll 0x0a2db000 0x0001a000
0x0a2f5000 0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.874 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-fwding-4.1.2/0x100008/lib/libimattrclient.dll 0x0a2f9000
0x00018000 0x0a311000 0x00002000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.874 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-fwding-4.1.2/0x100008/lib/libip4_acl.dll 0x0a315000 0x00023000
0x0a338000 0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.874 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-fwding-4.1.2/0x100008/lib/libip6_acl_support.dll 0x0a354000
0x00004000 0x0a358000 0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.875 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-routing-4.1.2/0x100008/lib/libpcl.dll 0x0a359000 0x00021000
0x0a37a000 0x00002000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.875 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-fwding-4.1.2/0x100008/lib/libip4_acl_support.dll 0x0a395000
0x00002000 0x0a397000 0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.875 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-fwding-4.1.2/0x100008/lib/libip6_ma_las.dll 0x0a39a000
0x00008000 0x0a3a2000 0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.875 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-infra-4.1.2/0x100008/lib/libbsd_addr_presentation.dll 0x0a3ee000
0x00002000 0x0a3f0000 0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.875 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-fwding-4.1.2/0x100008/lib/libip4.dll 0x0a406000 0x00008000
0x0a40e000 0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.875 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-infra-4.1.2/0x100008/lib/libip_addr.dll 0x0a4a3000 0x00003000
0x0a4a6000 0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.875 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-fwding-4.1.2/0x100008/lib/libbfd_ltrace.dll 0x0a92a000
0x00008000 0x0a932000 0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.875 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-infra-4.1.2/0x100008/lib/libip4_rib.dll 0x0a9cf000 0x00014000
0x0a9e3000 0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.876 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-infra-4.1.2/0x100008/lib/lib_ip6_rib.dll 0x0ab5a000 0x0000f000
0x0ab69000 0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.876 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-infra-4.1.2/0x100008/lib/libip_rib.dll 0x0abae000 0x00012000
0x0abc0000 0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.876 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-infra-4.1.2/0x100008/lib/libsocket.dll 0x0acc9000 0x0001c000
0x0ace5000 0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.876 : dumper[61]: %OS-DUMPER-6-FALLBACK_CHOICE :
Fall back choice: 4(dumper_harddisk:/dumper) in use
RP/0/RP0/CPU0:Nov 15 17:56:33.876 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-routing-4.1.2/0x100008/lib/liboradock.dll 0x0ad07000 0x00013000
0x0ad1a000 0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.876 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-routing-4.1.2/0x100008/lib/librasf.dll 0x0ad1b000 0x0000a000
0x0ad25000 0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.877 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-routing-4.1.2/0x100008/lib/libauto_dll.dll 0x0ad2b000 0x00005000
0x0ad30000 0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.877 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-routing-4.1.2/0x100008/lib/librpl_util.dll 0x0ad34000 0x00002000
0x0ad36000 0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.877 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-routing-4.1.2/0x100008/lib/librib_ora.dll 0x0ad37000 0x00004000
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0x0ad3b000 0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.877 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-routing-4.1.2/0x100008/lib/liborashared.dll 0x0ad3c000
0x0000e000 0x0ad4a000 0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.877 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-routing-4.1.2/0x100008/lib/libbgp_policy_ora_v1_0_0.dll
0x0ad4b000 0x0003a000 0x0ad85000 0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.877 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-routing-4.1.2/0x100008/lib/libbgp_damp_ora_v1_0_0.dll 0x0ad8f000
0x00006000 0x0ad95000 0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.877 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-fwding-4.1.2/0x100008/lib/libbfd_client.dll 0x0add7000
0x0000a000 0x0ade1000 0x00009000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.877 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-fwding-4.1.2/0x100008/lib/liblbsd.dll 0x0ae04000 0x0000c000
0x0ae10000 0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.878 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-routing-4.1.2/0x100008/lib/libbgp_util_common.dll 0x0b433000
0x0001a000 0x0b44d000 0x00002000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.878 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-routing-4.1.2/0x100008/lib/libbgp_debug.dll 0x0b44f000
0x0000b000 0x0b45a000 0x00002000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.878 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-routing-4.1.2/0x100008/lib/libbgp_sysdb_util.dll 0x0b45c000
0x00018000 0x0b474000 0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.878 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-routing-4.1.2/0x100008/lib/libbgp_af_lib.dll 0x0b477000
0x00009000 0x0b480000 0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.878 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-routing-4.1.2/0x100008/lib/libbgp_vrf_import.dll 0x0b481000
0x00017000 0x0b498000 0x00077000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.878 : dumper[61]: %OS-DUMPER-5-CORE_FILE_NAME :
Core for process pkg/bin/bgp at harddisk:
/dumper/first.bgp_1036.by.dumper_gen.node0_RP0_CPU0.x86.Z on local_node
RP/0/RP0/CPU0:Nov 15 17:56:33.878 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-routing-4.1.2/0x100008/lib/libbgp_vrf_db.dll 0x0b50f000
0x00009000 0x0b518000 0x00003000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.878 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-infra-4.1.2/0x100008/lib/libip_bgp_attr_extcomm.dll 0x0b533000
0x00004000 0x0b537000 0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.879 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-routing-4.1.2/0x100008/lib/libbgp_vrf_util.dll 0x0b538000
0x00012000 0x0b54a000 0x00002000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.879 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-routing-4.1.2/0x100008/lib/libbgp_af.dll 0x0b54c000 0x0000f000
0x0b55b000 0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.879 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-routing-4.1.2/0x100008/lib/libbgp_table.dll 0x0b55c000 0x00039000
0x0b595000 0x00002000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.879 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-routing-4.1.2/0x100008/lib/libbgp_nbr.dll 0x0b597000 0x0000a000
0x0b5a1000 0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.880 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-infra-4.1.2/0x100008/lib/librsi_prod.dll 0x0b5a2000 0x00004000
0x0b5a6000 0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.880 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-routing-4.1.2/0x100008/lib/libbgp_policy.dll 0x0b5a7000 0x00010000
0x0b5b7000 0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.880 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-routing-4.1.2/0x100008/lib/libpcl_v1_0_ora.dll 0x0b5b8000
0x00003000 0x0b5bb000 0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.880 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-routing-4.1.2/0x100008/lib/libbgp_sysdb.dll 0x0b5bc000 0x00034000
```

0x0b5f0000 0x00002000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.880 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-fwding-4.1.2/0x100008/lib/libtcp_sso_client.dll 0x0b5f2000
0x00005000 0x0b5f7000 0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.880 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-routing-4.1.2/0x100008/lib/libbgp_aggregate.dll 0x0b5f8000
0x0000e000 0x0b606000 0x0003a000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.880 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-routing-4.1.2/0x100008/lib/libbgp_rib.dll 0x0b640000 0x00026000
0x0b666000 0x00002000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.881 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-routing-4.1.2/0x100008/lib/libbgp_rib_lookup.dll 0x0b668000
0x00003000 0x0b66b000 0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.881 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-routing-4.1.2/0x100008/lib/libbgp_import.dll 0x0b66c000 0x00014000
0x0b680000 0x00006000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.881 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-routing-4.1.2/0x100008/lib/libbgp_scanner.dll 0x0b686000 0x0002b000
0x0b6b1000 0x0000a000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.881 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-routing-4.1.2/0x100008/lib/libbgp_label.dll 0x0b6bb000 0x0001a000
0x0b6d5000 0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.881 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-routing-4.1.2/0x100008/lib/libbgp_ipv4_unicast.dll 0x0b6d6000
0x00003000 0x0b6d9000 0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.881 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-routing-4.1.2/0x100008/lib/libbgp_vpnv4_unicast.dll 0x0b6da000
0x00003000 0x0b6dd000 0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.881 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-routing-4.1.2/0x100008/lib/libbgp_ipv6_unicast.dll 0x0b6de000
0x00003000 0x0b6e1000 0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.882 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-routing-4.1.2/0x100008/lib/libbgp_vpnv6_unicast.dll 0x0b708000
0x00003000 0x0b70b000 0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.882 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-infra-4.1.2/0x100008/lib/libxp.dll 0x0b70c000 0x0001f000
0x0b72b000 0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.882 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-infra-4.1.2/0x100008/lib/libdom.dll 0x0b72c000 0x00004000
0x0b730000 0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.882 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-fwding-4.1.2/0x100008/lib/cisco_ipv6_lib.dll 0x0b731000
0x00003000 0x0b734000 0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.882 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-fwding-4.1.2/0x100008/lib/libl2vpn_ad.dll 0x0b735000 0x00007000
0x0b73c000 0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.882 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-routing-4.1.2/0x100008/lib/libbgp_ipv6_addr_cache.dll 0x0b75a000
0x00003000 0x0b75d000 0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.882 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-routing-4.1.2/0x100008/lib/libbgp_ipv4_common.dll 0x0b787000
0x0000b000 0x0b792000 0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.883 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-routing-4.1.2/0x100008/lib/libbgp_af_common.dll 0x0b793000
0x00002000 0x0b795000 0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.883 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-routing-4.1.2/0x100008/lib/libbgp_ipv6_common.dll 0x0b811000
0x0000b000 0x0b81c000 0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.883 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-infra-4.1.2/0x100008/lib/libip_bgp_attrbag.dll 0x0b88e000
0x00002000 0x0b890000 0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:33.883 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/disk0/iosxr-fwding-4.1.2/0x100008/lib/libipt_biscuit_bgp.dll 0x0b891000

```
0x00005000 0x0b896000 0x00001000 0
RP/0/RP0/CPU0:Nov 15 17:56:37.049 : dumper[61]: %OS-DUMPER-5-DUMP_SUCCESS :
Core dump success
RP/0/RP0/CPU0:Nov 15 17:56:37.420 : dumper[61]: %OS-DUMPER-6-CORE_MD5 :
harddisk:/dumper/first.bgp_1036.by.dumper_gen.node0_RP0_CPU0.x86.Z has just
been written. size:16907006 md5:ef2cd0fd4c45c434c03f858974033543
```

عبتن

5.0.x رادصلال، Cisco NCS 6000 ةلسلس هجومل ماظنلال ةرادا رماوا عجرم نم [قعاتملل مسق](#) عجار تامولعملل نم ديزم لعل لوصحلل.

تاجرخلل عم تارايللل ريغتت: **صخلم**

يونات: **ةيمهالا**

تثبيت

ريثك ل ديدخت جاحسم **cisco NCS 6000 sery** ل ل عجرم رما ةرادا ماظنلال نم مسق [install](#) ل تلحأ ةمولعم.

SysAdmin VM و XR VM عضو ي رفوتم. تاجرخلل عم تارايللل ي تارييغت كانه: **صخلم**

يرهاظلا زاوجل نم هجوملل ماظنلال تيبثتل طقف ادحاو عارج 5.0.1 رادصلال معدي: **ليصافتل** XR، 5.0.1 رادصلال ي XR VM و SysAdmin VM ل لصفنم لكشب رادصلال تيبثت معدمتي ال XR VM لك ل SMU تادحو تيبثت بجي. (SMU) جماربلال ةنايص شيحت تيبثت ءانثتساب XR VM. نم ةيرايللل مزحلل تيبثت بجي. جحصلل يرهاظلا زاوجل نم (XR و SysAdmin).

لمعلل نع فقوتللا تقو ليلقوتل **install prepare** رمالا رايل ةفاضل مت بولطم ريغ **install prepare** رمالا. ةنايصلل/ةيقرتلل

ي هديأتل ططخ دجوت الو. لامتكالال لبق هفاقيل مت يذللا تيبثتل رايل لامه مت لبقوتسملل.

لعل ام رادصلال عجارتلل/عجارتلل عم لماعتللا متي. 5.0.1 رادصلال ي تيبثتللا ةداعل ةلازا تم تىخا تيبثت ةيلمع ي هأ.

ي **install commit** رمالا رفوتي. 5.0.1 رادصلال ي فينمض وهو مازتللا تيبثت مزلي ال ايايقلت نوكل مازتللا نال هيل جاتحي ال هنكلو 5.0.1 رادصلال.

تيبثت مازتللا بلطتيسو اينمض هنوك نع تيبثتللا مازتللا فقوتي، 5.2.1 رادصلال ي جحيرص.

رمالا ل ربيغتلا عم عجارتللا تيبثت لعل ةردقلا ميذقت متيس، لبقوتسملل رادصلال ي **install commit**.

يسير: **ةيمهالا**

```
RP/0/RP0/CPU0:NCS#install ?
activate      Activate software package(s)
add           Add package file(s) to software repository
```

```
commit      Commit changes to the active software
deactivate  Deactivate software package(s)
prepare     Prepare software package(s) to be activated
remove      Remove package file(s) from software repository
verify      verifies packages present on the router
RP/0/RP0/CPU0:TLAB97-NCS1#
RP/0/RP0/CPU0:TLAB97-NCS1#admin
Wed Dec 11 03:41:00.393 EST
```

```
admin connected from 127.0.0.1 using console on xr-vm_node0_RP0_CPU0
sysadmin-vm:0_RP1# install ?
Possible completions:
activate    Activate rpm(s) and iso and smu(s).
add         add rpm(s) and iso to the software repository.
commit      commit changes to the active software
deactivate  deactivate rpm(s) and iso and smu(s).
prepare     prepare rpm(s) and iso for activation.
remove      remove rpm(s) and iso from install repository.
verify      verifies packages present on the router
```

تاي لمعالا ةبقارم

،ديدخت جاحسم سery cisco NCS 6000 ل ل عجرم رمأ ةرادا ماظنلا نم مسق [ةيلمع بردملا](#) تلحأ ةمولعم ريثك ل 5.0.x قالطا

تاجرم لا يف تاريخي غت ويوناث راخي كانه: صخلم

رفوتم ريغ عقووم لا راخي: ليصافتلا

يوناث: ةمهالا

```
RP/0/RP0/CPU0:NCS6008-A#monitor processes ?
dumbtty    Disable screen management
<cr>
```

```
RP/0/RP0/CPU0:CRS-K#monitor processes ?
dumbtty    Disable screen management
location   Location
<cr>
```

show configuration

،ديدخت جاحسم سery cisco NCS 6000 ل ل عجرم رمأ ةرادا ماظنلا نم مسق [ليكشت ضرعلا](#) تلحأ ةمولعم ريثك ل 5.0.x قالطا

يكي سالاكل XR ن ع **show configuration** رمألا جارخا فلتخي: صخلم

تاملكلا لظت SysAdmin VM ل ةرفوتملا ةيساسالا تاملكلا ريغي غت مت: ليصافتلا ةيكي سالاكل XR عم لالحا وه امك اهسفن يه XR ةيضارتفالا ةلاس رلل ةيساسالا

يوناث: ةمهالا

XR VM - سفن IOS-XR لقتلا

```
RP/0/RP1/CPU0:NCS6k#show config ?
backup System configuration backup information
commit Show commit information
failed Contents of failed configuration
history Display history of configuration events (up to 1500 events)
inconsistency Configuration inconsistencies
lock Configuration lock
persistent Show persistent configuration
removed Display configuration removed during install operations
rollback Show rollback information
running-config Current operating configuration
sessions Users with active configuration sessions
trace Show trace data for config shell
```

SysAdmin VM - (رايخك طوق مازتلال اسياس أال م لك ل ا ضرع م تي):

```
sysadmin-vm:0_RP1# show configuraiton ?
Possible completions:
commit Commit configuration changes
```

```
RP/0/RP1/CPU0:CRS-H(admin)#show configuration ?
commit Show commit information
failed Contents of the failed configuration
history Display history of configuration events (up to 1500 events)
inconsistency Configuration inconsistencies
lock Configuration lock
persistent Show persistent configuration
removed Display configuration removed during install operations
rollback Show rollback information
running Current operating configuration
sessions Users with active configuration sessions
```

قاي س ل راهظا

دي دخت جاح سم cisco NCS 6000 sery ل ل ع جرم رم أرا د ا ماظن ل ا نم مس ق [قاي س ضرع ل ا](#) ت ل ح أة م و ل ع م ري ث ك ل 5.0.x ق ا ل ط ا

رم اوأال رطس أة ج ا و ج ا ر خ ا تاريخي غ ت . رم اوأال رطس أة ج ا و ج ا ر ا ي خ ي ل ع أة م ه م تاريخي غ ت د ج و ت ال : ص خ لم (CLI) أة و ن ا ث ل ا .

(harddisk: ه ي ف ي س ا س أال ف ل م ل ا ظ ف ح م ت ي ي ذ ل ا ل ي ل د ل ا ضرع ا م ئ ا د م ت ي ال : ل ي ص ا ف ت ل ا أة س ا س أال ا ت ا ف ل م ل ا ك ل ي ل د ل ا س ف ن ي ل ا crashinfo ا ت ا ف ل م ل ا أة ب ا ت ك م ت ت ال . (ي ض ا ر ت ف ا ل ك ش ب ف ل م و show context رم أ نم ض ت ي . disk0:/core ل ي ل د ي ف ا ه ظ ف ح م ت ي و ي ض ا ر ت ف ا ل ك ش ب أة ل م ع ل ط ب ا ر ت ر ش و م ل ك ل ل ي ج س ت ل ا و ي ف ل خ ل ا ع ب ت ت ل ا ا م و ل ع م (.txt) ن ر ت ق م ل a crashinfo ل ل ط ع ل ط ع ت ل ا NCS 6008 ي ل ع ل ط ع ت ل ا

ي و ن ا ت : أة م أال

```
RP/0/RP0/CPU0:NCS6008-SJ#show context
Wed Feb 19 12:25:31.999 UTC
```

```
node: node0_RP0_CPU0
```

```
-----
Core for pid = 2117 (syslogd)
Core for process: syslogd_2117.by.11.20140219-122529.xr-vm_node0_RP0_CPU0.ddc58.core.gz
Core dump time: 2014-02-19 12:25:29.152358704 +0000
```


Process:

Core was generated by `syslogd'.

Signal information:

Program terminated with signal 11, Segmentation fault.

Faulting thread: 2117

Registers for Thread 2117

rax: 0xfffffffffffffffcc
rbx: 0x18
rcx: 0xfffffffffffffffcc
rdx: 0x40
rsi: 0x7fff640b9c40
rdi: 0x18
rbp: 0x7fff640b9fc0
rsp: 0x7fff640b9b90
r8: 0x0
r9: 0x200000
r10: 0xffffffff
r11: 0x293
r12: 0xbaef70
r13: 0x7fff640bb180
r14: 0x0
r15: 0x0
rip: 0x7fe0a588c683
eflags: 0x293
cs: 0x33
ss: 0x2b
ds: 0x0
es: 0x0
fs: 0x0
gs: 0x0

Backtrace for Thread 2117

#0 0x00007fe0a588c683 in epoll_wait+0x33 from /lib64/libc-2.12.so
#1 0x00007fe0aa343636 in msg_receivev+0x29d from
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libinfra.so
#2 0x000000000041483a in ?? () from
/opt/cisco/XR/packages/iosxr-os.rp-5.0.1/sbin/syslogd
#3 0x00007fe0a57c6cce in __libc_start_main+0xfe from
/lib64/libc-2.12.so
#4 0x0000000000405869 in ?? () from
/opt/cisco/XR/packages/iosxr-os.rp-5.0.1/sbin/syslogd

Registers for Thread 2366

rax: 0xffffffffffffe00
rbx: 0x7fe0ab5b0bf0
rcx: 0xfffffffffffffffcc
rdx: 0x7fe0ab5b0bac
rsi: 0x7fe0ab5b0bf0
rdi: 0xa
rbp: 0x7fe0ab5b0c80
rsp: 0x7fe0ab5b0b90
r8: 0x6e
r9: 0x1010101010101010
r10: 0x22
r11: 0x293
r12: 0xa
r13: 0x7fe0ab5b0bac
r14: 0x7fe0ab673040

r15: 0x3
rip: 0x7fe0a588cc4d
eflags: 0x293
cs: 0x33
ss: 0x2b
ds: 0x0
es: 0x0
fs: 0x0
gs: 0x0

Backtrace for Thread 2366

#0 0x00007fe0a588cc4d in accept+0x2d from /lib64/libc-2.12.so
#1 0x00007fe0aa3537dd in lwm_debug_wait_for_conns+0xbe from /opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libinfra.so
#2 0x00007fe0aa353a2a in ?? () from /opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libinfra.so
#3 0x00007fe0a55929bc in start_thread+0xdc from /lib64/libpthread-2.12.so
#4 0x0000000000000003 in ?? ()

Registers for Thread 2367

rax: 0xffffffffffffffff
rbx: 0x7fe0ab52fe30
rcx: 0xffffffffffffffff
rdx: 0x0
rsi: 0x7fe0ab52fe30
rdi: 0x7fe0ab52fdb0
rbp: 0x7fe0ab52fee0
rsp: 0x7fe0ab52fcf0
r8: 0x0
r9: 0x7fe0ab530700
r10: 0x8
r11: 0x246
r12: 0x7fe0a559cc80
r13: 0x7fe0ab5309c0
r14: 0x7fe0ab673040
r15: 0x7fe0ab52fe30
rip: 0x7fe0a57dc7af
eflags: 0x246
cs: 0x33
ss: 0x2b
ds: 0x0
es: 0x0
fs: 0x0
gs: 0x0

Backtrace for Thread 2367

#0 0x00007fe0a57dc7af in sigwaitinfo+0xdf from /lib64/libc-2.12.so
#1 0x00007fe0aa36a1a0 in ?? () from /opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libinfra.so
#2 0x00007fe0a55929bc in start_thread+0xdc from /lib64/libpthread-2.12.so
#3 0x00007fe0a559294b in start_thread+0x6b from /lib64/libpthread-2.12.so
#4 0x02c570128022879a in ?? ()

Registers for Thread 2369

rax: 0xffffffffffffffff
rbx: 0x1
rcx: 0xffffffffffffffff
rdx: 0x40
rsi: 0x7fe08eb6abb0

rdi: 0x4
rbp: 0x7fe08eb6aee0
rsp: 0x7fe08eb6aa60
r8: 0x7fe0ab44a4a0
r9: 0x941
r10: 0xffffffff
r11: 0x293
r12: 0x0
r13: 0xb00001
r14: 0x4
r15: 0x3b
rip: 0x7fe0a588c683
eflags: 0x293
cs: 0x33
ss: 0x2b
ds: 0x0
es: 0x0
fs: 0x0
gs: 0x0

Backtrace for Thread 2369

#0 0x00007fe0a588c683 in epoll_wait+0x33 from /lib64/libc-2.12.so
#1 0x00007fe0aa34fc0c in ?? () from
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libinfra.so
#2 0x00007fe0a55929bc in start_thread+0xdc from /lib64/libpthread-2.12.so

Registers for Thread 2370

rax: 0xfffffffffffffffffc
rbx: 0xb67b70
rcx: 0xffffffffffffffff
rdx: 0x20
rsi: 0xb67e00
rdi: 0x6
rbp: 0xb5e9c0
rsp: 0x7fe08eae9790
r8: 0xb68000
r9: 0x0
r10: 0xffffffff
r11: 0x293
r12: 0xb67e00
r13: 0xe
r14: 0x0
r15: 0xb5e9c0
rip: 0x7fe0a588c683
eflags: 0x293
cs: 0x33
ss: 0x2b
ds: 0x0
es: 0x0
fs: 0x0
gs: 0x0

Backtrace for Thread 2370

#0 0x00007fe0a588c683 in epoll_wait+0x33 from /lib64/libc-2.12.so
#1 0x00007fe0a277e236 in ?? () from /usr/lib64/libevent-2.0.so.5.0.1
#2 0x00007fe0a276d076 in event_base_loop+0x1c6 from
/usr/lib64/libevent-2.0.so.5.0.1
#3 0x00007fe0a29a2a52 in levn_block+0x2a from
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libcalvados_infra.so
#4 0x00007fe0aa36d216 in event_block+0x500 from

```
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libinfra.so
#5 0x00007fe0aa34dae5 in ?? () from
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libinfra.so
#6 0x00007fe0a55929bc in start_thread+0xdc from /lib64/libpthread-2.12.so
```

Registers for Thread 2372

```
rax: 0xffffffffffffffe0
rbx: 0x7fe0ab608008
rcx: 0xffffffffffffff
rdx: 0x20
rsi: 0x0
rdi: 0x7fe0ab608034
rbp: 0x7fe08ea68ee0
rsp: 0x7fe08ea68e28
r8: 0x0
r9: 0x0
r10: 0x0
r11: 0x246
r12: 0x7fe0a559cc80
```

--More-- --More-- filtering...

Registers for Thread 2370

```
rax: 0xffffffffffffffc
rbx: 0xb67b70
rcx: 0xffffffffffffff
rdx: 0x20
rsi: 0xb67e00
rdi: 0x6
rbp: 0xb5e9c0
rsp: 0x7fe08eae9790
r8: 0xb68000
r9: 0x0
r10: 0xffffffff
r11: 0x293
r12: 0xb67e00
r13: 0xe
r14: 0x0
r15: 0xb5e9c0
rip: 0x7fe0a588c683
eflags: 0x293
cs: 0x33
ss: 0x2b
ds: 0x0
es: 0x0
fs: 0x0
gs: 0x0
```

Backtrace for Thread 2370

```
#0 0x00007fe0a588c683 in epoll_wait+0x33 from /lib64/libc-2.12.so
#1 0x00007fe0a277e236 in ?? () from /usr/lib64/libevent-2.0.so.5.0.1
#2 0x00007fe0a276d076 in event_base_loop+0x1c6 from
/usr/lib64/libevent-2.0.so.5.0.1
#3 0x00007fe0a29a2a52 in levn_block+0x2a from
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libcalvados_infra.so
#4 0x00007fe0aa36d216 in event_block+0x500 from
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libinfra.so
#5 0x00007fe0aa34dae5 in ?? () from
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libinfra.so
#6 0x00007fe0a55929bc in start_thread+0xdc from /lib64/libpthread-2.12.so
```

Registers for Thread 2372

```
rax: 0xfffffffffffffe00
rbx: 0x7fe0ab608008
rcx: 0xffffffffffffffffff
rdx: 0x20
rsi: 0x0
rdi: 0x7fe0ab608034
rbp: 0x7fe08ea68ee0
rsp: 0x7fe08ea68e28
r8: 0x0
r9: 0x0
r10: 0x0
r11: 0x246
r12: 0x7fe0a559cc80
r13: 0x7fe08ea699c0
--More-- --More-- r14: 0x7fe0ab673040
r15: 0x3
rip: 0x7fe0a55969ac
eflags: 0x246
cs: 0x33
ss: 0x2b
ds: 0x0
es: 0x0
fs: 0x0
gs: 0x0
```

Backtrace for Thread 2372

```
#0 0x00007fe0a55969ac in pthread_cond_wait@GLIBC_2.3.2+0xcc from
/lib64/libpthread-2.12.so
#1 0x00007fe0a5b22672 in ?? () from
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libosag.so
#2 0x00007fe0a55929bc in start_thread+0xdc from /lib64/libpthread-2.12.so
```

Registers for Thread 2417

```
rax: 0xfffffffffffffe00
rbx: 0x0
rcx: 0xffffffffffffffffff
rdx: 0x0
rsi: 0x0
rdi: 0x11
rbp: 0x7fe08e8ceee0
rsp: 0x7fe08e8ced00
r8: 0x2
r9: 0x971
r10: 0x80000
r11: 0x246
r12: 0x7fe0ab452640
r13: 0x7fe08e8cf9c0
r14: 0x7fe0ab673040
r15: 0x3
rip: 0x7fe0a588d52f
eflags: 0x246
cs: 0x33
ss: 0x2b
ds: 0x0
es: 0x0
fs: 0x0
gs: 0x0
```

Backtrace for Thread 2417

```
#0 0x00007fe0a588d52f in accept4+0x5f from /lib64/libc-2.12.so
```

```
#1 0x00007fe0ab248557 in backing_thread+0xe2 from
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libmalloc_stat.so.0.0.1
#2 0x00007fe0a55929bc in start_thread+0xdc from /lib64/libpthread-2.12.so
#3 0x00007fe0a588c08d in clone+0x6d from /lib64/libc-2.12.so
```

Registers for Thread 2544

```
rax: 0xffffffffffffffff
rbx: 0xbb6290
rcx: 0xffffffffffffffff
rdx: 0x20
rsi: 0xbb6560
rdi: 0x1f
rbp: 0xbb6520
rsp: 0x7fe08efa0b40
r8: 0x1
r9: 0x9f0
r10: 0xffffffff
r11: 0x293
r12: 0xbb6560
r13: 0xd
r14: 0x0
r15: 0xbb6520
rip: 0x7fe0a588c683
eflags: 0x293
cs: 0x33
ss: 0x2b
ds: 0x0
es: 0x0
fs: 0x0
gs: 0x0
```

Backtrace for Thread 2544

```
#0 0x00007fe0a588c683 in epoll_wait+0x33 from /lib64/libc-2.12.so
#1 0x00007fe0a277e236 in ?? () from /usr/lib64/libevent-2.0.so.5.0.1
#2 0x00007fe0a276d076 in event_base_loop+0x1c6 from
/usr/lib64/libevent-2.0.so.5.0.1
#3 0x00007fe0a29a2a52 in levmm_block+0x2a from
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libcalvados_infra.so
#4 0x00007fe0aa36d216 in event_block+0x500 from
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libinfra.so
#5 0x0000000000411de1 in ?? () from
/opt/cisco/XR/packages/iosxr-os.rp-5.0.1/sbin/syslogd
#6 0x00007fe0a55929bc in start_thread+0xdc from /lib64/libpthread-2.12.so
#7 0x00007fe0a588c08d in clone+0x6d from /lib64/libc-2.12.so
```

Registers for Thread 2545

```
rax: 0x0
rbx: 0x7fe086ba82b0
rcx: 0xffffffffffffffff
rdx: 0x626380
rsi: 0x0
rdi: 0x7fe08ed1ca00
rbp: 0x7fe08ed1eee0
rsp: 0x7fe08ed1c980
r8: 0x20305550432f30
r9: 0x6320612064657473
r10: 0x20666f2068736172
r11: 0x293
r12: 0x7fe08ed1cbc0
r13: 0x7fe08ed1ca20
```

r14: 0x1
r15: 0x0
rip: 0x7fe0a584feed
eflags: 0x293
cs: 0x33
ss: 0x2b
ds: 0x0
es: 0x0
fs: 0x0
gs: 0x0

Backtrace for Thread 2545

#0 0x00007fe0a584feed in __nanosleep+0x2d from /lib64/libc-2.12.so
#1 0x0000000000413316 in ?? () from
/opt/cisco/XR/packages/iosxr-os.rp-5.0.1/sbin/syslogd
#2 0x00007fe0a55929bc in start_thread+0xdc from /lib64/libpthread-2.12.so
#3 0x00007fe0a588c08d in clone+0x6d from /lib64/libc-2.12.so

Registers for Thread 2546

rax: 0xffffffffffffffffc
rbx: 0x7fe08ec9de20
rcx: 0xfffffffffffffffff
rdx: 0x0
rsi: 0x0
rdi: 0x7fe08ec9de20
rbp: 0x7fe08ec9deac
rsp: 0x7fe08ec9d2c0
r8: 0x0
r9: 0x80
r10: 0x8
r11: 0x246
r12: 0x7fe08ec9d3a0
r13: 0x7fe08ec9daf0
r14: 0x7fe08ec9deac
r15: 0x7fe08ec9de20
rip: 0x7fe0a57dba08
eflags: 0x246
cs: 0x33
ss: 0x2b
ds: 0x0
es: 0x0
fs: 0x0
gs: 0x0

Backtrace for Thread 2546

#0 0x00007fe0a57dba08 in sigwait+0xc8 from /lib64/libc-2.12.so
#1 0x0000000000418349 in ?? () from
/opt/cisco/XR/packages/iosxr-os.rp-5.0.1/sbin/syslogd
#2 0x00007fe0a55929bc in start_thread+0xdc from /lib64/libpthread-2.12.so
#3 0x00007fe0a588c08d in clone+0x6d from /lib64/libc-2.12.so

Registers for Thread 2547

rax: 0xffffffffffffffffc
rbx: 0x7fe08ec1ce20
rcx: 0xfffffffffffffffff
rdx: 0x0
rsi: 0x0
rdi: 0x7fe08ec1ce20
rbp: 0x7fe08ec1ceac

rsp: 0x7fe08ec1be50
r8: 0x0
r9: 0x80
r10: 0x8
r11: 0x246
r12: 0x7fe08ec1cbf5
r13: 0x7fe08ec1cbf5
r14: 0x7fe0ab673040
r15: 0x7fe08ec1bf70
rip: 0x7fe0a57dba08
eflags: 0x246
cs: 0x33
ss: 0x2b
ds: 0x0
es: 0x0
fs: 0x0
gs: 0x0

Backtrace for Thread 2547

#0 0x00007fe0a57dba08 in sigwait+0xc8 from /lib64/libc-2.12.so
#1 0x0000000000416b9d in ?? () from
/opt/cisco/XR/packages/iosxr-os.rp-5.0.1/sbin/syslogd
#2 0x00007fe0a55929bc in start_thread+0xdc from /lib64/libpthread-2.12.so
#3 0x00007fe0a588c08d in clone+0x6d from /lib64/libc-2.12.so

Registers for Thread 2548

rax: 0xfffffffffffffffffc
rbx: 0x7fe08e7cde20
rcx: 0xffffffffffffffffff
rdx: 0x0
rsi: 0x0
rdi: 0x7fe08e7cde20
rbp: 0x7fe08e7cdeac
rsp: 0x7fe08e7cd5d0
r8: 0x0
r9: 0x80
r10: 0x8
r11: 0x246
r12: 0xc1a6c0
r13: 0x7fe08e7cd6c0
r14: 0xa5
r15: 0x7fe08e7cdaf0
rip: 0x7fe0a57dba08
eflags: 0x246
cs: 0x33
ss: 0x2b
ds: 0x0
es: 0x0
fs: 0x0
gs: 0x0

Backtrace for Thread 2548

#0 0x00007fe0a57dba08 in sigwait+0xc8 from /lib64/libc-2.12.so
#1 0x000000000041547d in ?? () from
/opt/cisco/XR/packages/iosxr-os.rp-5.0.1/sbin/syslogd
#2 0x00007fe0a55929bc in start_thread+0xdc from /lib64/libpthread-2.12.so
#3 0x00007fe0a588c08d in clone+0x6d from /lib64/libc-2.12.so

Registers for Thread 2549


```
rax: 0xffffffffffffffffc
rbx: 0x7fe08e74ce20
rcx: 0xfffffffffffffffff
rdx: 0x0
rsi: 0x0
rdi: 0x7fe08e74ce20
rbp: 0x7fe08e74ceac
rsp: 0x7fe08e74c5a0
r8: 0x0
r9: 0x80
r10: 0x8
r11: 0x246
r12: 0x0
r13: 0x7fe08e74caf0
r14: 0x0
r15: 0x7fe08e74c6e0
rip: 0x7fe0a57dba08
eflags: 0x246
cs: 0x33
ss: 0x2b
ds: 0x0
es: 0x0
fs: 0x0
gs: 0x0
```

Backtrace for Thread 2549

```
#0 0x00007fe0a57dba08 in sigwait+0xc8 from /lib64/libc-2.12.so
#1 0x0000000000416047 in ?? () from
/opt/cisco/XR/packages/iosxr-os.rp-5.0.1/sbin/syslogd
#2 0x00007fe0a55929bc in start_thread+0xdc from /lib64/libpthread-2.12.so
#3 0x00007fe0a588c08d in clone+0x6d from /lib64/libc-2.12.so
```

Registers for Thread 3289

```
rax: 0xffffffffffffffffc
rbx: 0x8
rcx: 0xfffffffffffffffff
rdx: 0x20
rsi: 0x7fe08e1b7d30
rdi: 0x4d
rbp: 0x7fe08e1b7ee0
rsp: 0x7fe08e1b7a70
r8: 0x0
r9: 0x0
r10: 0xfffffffff
r11: 0x293
r12: 0x1
r13: 0x7fe08e1b7d48
r14: 0x4d
r15: 0x51
rip: 0x7fe0a588c683
eflags: 0x293
cs: 0x33
ss: 0x2b
ds: 0x0
es: 0x0
fs: 0x0
gs: 0x0
```

Backtrace for Thread 3289

```
#0 0x00007fe0a588c683 in epoll_wait+0x33 from /lib64/libc-2.12.so
```

#1 0x00007fe0aa32f8a6 in ?? () from
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libinfra.so
#2 0x00007fe0a55929bc in start_thread+0xdc from /lib64/libpthread-2.12.so
#3 0x00500001fccc920a in ?? ()

Mapping information

2117: syslogd
0000000000400000 148K r-x-- /opt/cisco/XR/packages/iosxr-os.rp-5.0.1/sbin/syslogd
0000000000625000 8K rw--- /opt/cisco/XR/packages/iosxr-os.rp-5.0.1/sbin/syslogd
0000000000627000 48K rw--- [anon]
0000000000b4e000 880K rw--- [anon]
0000000080000000 1920K ---s- /dev/zero (deleted)
00000000801e0000 40K rw-s- /dev/shm/dev/shmem/shmwin/im_rules/header
00000000801ea000 24K ---s- /dev/zero (deleted)
00000000801f0000 36K rw-s- /dev/shm/dev/shmem/shmwin/im_db/header
00000000801f9000 28K ---s- /dev/zero (deleted)
0000000080200000 36K rw-s- /dev/shm/dev/shmem/shmwin/im_rd/header
0000000080209000 147624K ---s- /dev/zero (deleted)
0000000089233000 32K rw-s- /dev/shm/dev/shmem/shmwin/im_rules/0x89233000
000000008923b000 32K rw-s- /dev/shm/dev/shmem/shmwin/im_rules/0x8923b000
0000000089243000 32K rw-s- /dev/shm/dev/shmem/shmwin/im_rules/0x89243000
000000008924b000 32K rw-s- /dev/shm/dev/shmem/shmwin/im_rules/0x8924b000
0000000089253000 32K rw-s- /dev/shm/dev/shmem/shmwin/im_rules/0x89253000
000000008925b000 8K rw-s- /dev/shm/dev/shmem/shmwin/im_rules/0x8925b000
000000008925d000 32K rw-s- /dev/shm/dev/shmem/shmwin/im_rules/0x8925d000
0000000089265000 32K rw-s- /dev/shm/dev/shmem/shmwin/im_rules/0x89265000
000000008926d000 1024K r--s- /dev/shm/dev/shmem/shmwin/im_db/0x8926d000
000000008936d000 1024K rw-s- /dev/shm/dev/shmem/shmwin/im_rd/0x8936d000
000000008946d000 104K rw-s- /dev/shm/dev/shmem/shmwin/im_rd/0x8946d000
0000000089487000 4328K ---s- /dev/zero (deleted)
00000000898c1000 104K r--s- /dev/shm/dev/shmem/shmwin/im_db/0x898c1000
00000000898db000 1940628K ---s- /dev/zero (deleted)
00007fe0868dc000 122072K rw-s- /dev/shm/logging_buffer
00007fe08e012000 56K rw-s- /dev/shmem/ltrace/shmwin/lib/err_b1_oaef
00007fe08e020000 16K rw-s- /dev/shmem/ltrace/shmwin/lib/err
00007fe08e024000 160K rw-s- /dev/shm/cdm_aqsm_services_db
00007fe08e04c000 864K ---s- /dev/shm/cdm_aqsm_services_db
00007fe08e124000 40K rw-s- /dev/shmem/ltrace/lwmlib/l_syslogd/dbg_b2_o846
00007fe08e12e000 40K rw-s- /dev/shmem/ltrace/lwmlib/l_syslogd/api_b1_o846
00007fe08e138000 4K ----- [anon]
00007fe08e139000 512K rw--- [anon]
00007fe08e1b9000 5120K rw-s- /dev/shm/dev/shmem/sysmgr_shmem
00007fe08e6b9000 56K rw-s- /dev/shmem/ltrace/epm/issu_b1_o803
00007fe08e6c7000 16K rw-s- /dev/shmem/ltrace/epm/issu
00007fe08e6cd000 4K ----- [anon]
00007fe08e6ce000 512K rw--- [anon]
00007fe08e74e000 4K ----- [anon]
00007fe08e74f000 512K rw--- [anon]
00007fe08e7cf000 16K rw-s- /dev/shmem/ltrace/sysdb/clientlib/file
00007fe08e7d3000 16K rw-s- /dev/shmem/ltrace/sysdb/clientlib/event
00007fe08e7d7000 16K rw-s- /dev/shmem/ltrace/sysdb/clientlib/suspend
00007fe08e7db000 12K rw-s- /dev/shmem/ltrace/sysdb/clientlib/vicr
00007fe08e7de000 12K rw-s- /dev/shmem/ltrace/sysdb/clientlib/edm_access
00007fe08e7e1000 40K rw-s- /dev/shmem/ltrace/sysdb/clientlib/recon-rst_tmo_b2_o803
00007fe08e7eb000 40K rw-s- /dev/shmem/ltrace/sysdb/clientlib/recon-rst_tmo_b1_o803
00007fe08e7f5000 12K rw-s- /dev/shmem/ltrace/sysdb/clientlib/recon-rst_tmo
00007fe08e7f8000 12K rw-s- /dev/shmem/ltrace/install/insthelper
00007fe08e7fb000 12K rw-s- /dev/shmem/ltrace/install/instdir
00007fe08e7fe000 8K rw-s- /dev/shmem/ltrace/im/ochn_evt
00007fe08e800000 8K rw-s- /dev/shmem/ltrace/im/ochn_msg
00007fe08e802000 136K rw-s- /dev/shmem/ltrace/im/client--

```

00007fe08e824000      8K rw-s- /dev/shmem/ltrace/im/register
00007fe08e826000      8K rw-s- /dev/shmem/ltrace/im/resync--
00007fe08e828000      8K rw-s- /dev/shmem/ltrace/im/replcate
00007fe08e82a000      8K rw-s- /dev/shmem/ltrace/im/dpc-----
00007fe08e82c000      8K rw-s- /dev/shmem/ltrace/im/attr_chg
00007fe08e82e000      8K rw-s- /dev/shmem/ltrace/im/caps_add
00007fe08e830000      8K rw-s- /dev/shmem/ltrace/im/ifcreate
00007fe08e832000     12K rw-s- /dev/shmem/ltrace/im/if_exist
00007fe08e835000      8K rw-s- /dev/shmem/ltrace/im/history-
00007fe08e837000     12K rw-s- /dev/shmem/ltrace/im/mgmt----
00007fe08e83a000      8K rw-s- /dev/shmem/ltrace/im/sys-fast
00007fe08e83c000     12K rw-s- /dev/shmem/ltrace/im/sys-slow
00007fe08e83f000     12K rw-s- /dev/shmem/ltrace/im/errors-s
00007fe08e842000     16K rw-s- /dev/shmem/ltrace/im/errors-o
00007fe08e846000     12K rw-s- /dev/shmem/ltrace/im/errors-i
00007fe08e849000     12K rw-s- /dev/shmem/ltrace/install/notify_error
00007fe08e84c000     12K rw-s- /dev/shmem/ltrace/install/notify
00007fe08e84f000      4K ----- [ anon ]
00007fe08e850000     512K rw--- [ anon ]
00007fe08e8d0000     36K rw-s- /dev/shmem/ltrace/install/instdir_loadpath_error
00007fe08e8d9000     12K rw-s- /dev/shmem/ltrace/install/instdir_loadpath
00007fe08e8dc000     52K rw-s- /dev/shmem/ltrace/install/inst_io_error
00007fe08e8e9000    1024K rw-s- /dev/shm/cdm_aqsm_services_db
00007fe08e9e9000      4K ----- [ anon ]
00007fe08e9ea000     512K rw--- [ anon ]
00007fe08ea6a000      4K ----- [ anon ]
00007fe08ea6b000     512K rw--- [ anon ]
00007fe08eaeb000      4K ----- [ anon ]
00007fe08eaec000     512K rw--- [ anon ]
00007fe08eb6e000      4K rw-s- /dev/shm/dev/shmem/ship_data_0
00007fe08eb6f000     12K rw-s- /dev/shmem/ltrace/ip_addr_c_data_trace_190
00007fe08eb72000     12K rw-s- /dev/shmem/ltrace/ip_addr_c_ctrl_trace_190
00007fe08eb75000      8K rw-s- /dev/shm/dev/shmem/shmwin_svr/window_grp_stats
00007fe08eb77000     80K rw-s- /dev/shmem/ltrace/sysdb/clientlib/recon-rst_tmo_b3_o803
00007fe08eb8b000     32K rw-s- /dev/shmem/ltrace/aqsmllib/190/debug_b1_o846
00007fe08eb93000     40K rw-s- /dev/shmem/ltrace/lwmlib/1_syslogd/dbg_b1_o846
00007fe08eb9d000      4K ----- [ anon ]
00007fe08eb9e000     512K rw--- [ anon ]
00007fe08ec1e000      4K ----- [ anon ]
00007fe08ec1f000     512K rw--- [ anon ]
00007fe08ec9f000      4K ----- [ anon ]
00007fe08eca0000     512K rw--- [ anon ]
00007fe08eefe000     56K rw-s- /dev/shmem/ltrace/syslog/slow_b1_o846
00007fe08ef0c000     80K rw-s- /dev/shmem/ltrace/lwmlib/1_syslogd/dbg_b3_o846
00007fe08ef20000      4K rw-s- /dev/shm/logging_buffer
00007fe08ef21000      4K ----- [ anon ]
00007fe08ef22000     512K rw--- [ anon ]
00007fe08efa2000      4K ----- [ anon ]
00007fe08efa3000     512K rw--- [ anon ]
00007fe08f023000    2904K rw-s- /dev/shm/tmp/syslogd_msg_header_buffer
00007fe08f2f9000      8K rw-s- /dev/shmem/ltrace/syslog/lib/read_error
00007fe08f2fb000      4K rw-s- /dev/shm/dev/shmem/ship_data_0
00007fe08f2fc000     32K rw-s- /dev/shmem/ltrace/aqsmllib/190/api_b1_o846
00007fe08f304000      8K rw-s- /dev/shmem/ltrace/syslog/fast
00007fe08f306000     16K rw-s- /dev/shmem/ltrace/syslog/slow
00007fe08f30a000     16K rw-s- /dev/shmem/ltrace/syslog/error
00007fe08f30e000     224K rw-s- /dev/shm/dev/shmem/ship_data_0
00007fe08f346000    132K rw-s- /dev/shm/dev/shmem/ship_data_0
00007fe08f367000     32K rw-s- /dev/shmem/ltrace/cdm/190/api_b1_o846
00007fe08f36f000      8K rw-s- /dev/shmem/ltrace/pfi_ifh/fallback
00007fe08f371000     12K rw-s- /dev/shmem/ltrace/alm_loc_fast
00007fe08f374000     24K rw-s- /dev/shmem/ltrace/alm_loc_slow
00007fe08f37a000    112K r-x--

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/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libreplicator.so
00007fe08f396000 2044K -----
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libreplicator.so
00007fe08f595000 8K rw---
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libreplicator.so
00007fe08f597000 488K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libchkpt.so
00007fe08f611000 2044K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libchkpt.so
00007fe08f810000 16K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libchkpt.so
00007fe08f814000 4K r-x--
/opt/cisco/XR/packages/ncs-base.rp_lc-5.0.1/lib/libplatform_cardinfo.so
00007fe08f815000 2044K -----
/opt/cisco/XR/packages/ncs-base.rp_lc-5.0.1/lib/libplatform_cardinfo.so
00007fe08fa14000 4K rw---
/opt/cisco/XR/packages/ncs-base.rp_lc-5.0.1/lib/libplatform_cardinfo.so
00007fe08fa15000 16K r-x--
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libacl.so
00007fe08fa19000 2044K -----
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libacl.so
00007fe08fc18000 4K rw---
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libacl.so
00007fe08fc19000 4K r-x--
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libacl_ltracedebug.so
00007fe08fcla000 2048K -----
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libacl_ltracedebug.so
00007fe08fela000 4K rw---
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libacl_ltracedebug.so
00007fe08felb000 4K r-x--
/opt/cisco/XR/packages/iosxr-sse.rp_lc-5.0.1/lib/liblpts_ifib_platform_com.so
00007fe08felc000 2044K -----
/opt/cisco/XR/packages/iosxr-sse.rp_lc-5.0.1/lib/liblpts_ifib_platform_com.so
00007fe09001b000 4K rw---
/opt/cisco/XR/packages/iosxr-sse.rp_lc-5.0.1/lib/liblpts_ifib_platform_com.so
00007fe09001c000 4K r-x--
/opt/cisco/XR/packages/iosxr-infra.rp-5.0.1/lib/liblpts_ifib_platform.so
00007fe09001d000 2044K -----
/opt/cisco/XR/packages/iosxr-infra.rp-5.0.1/lib/liblpts_ifib_platform.so
00007fe09021c000 4K rw---
/opt/cisco/XR/packages/iosxr-infra.rp-5.0.1/lib/liblpts_ifib_platform.so
00007fe09021d000 56K r-x--
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/liblpts_mrt.so
00007fe09022b000 2048K -----
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/liblpts_mrt.so
00007fe09042b000 4K rw---
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/liblpts_mrt.so
00007fe09042c000 4K r-x--
/opt/cisco/XR/packages/iosxr-sse.rp_lc-5.0.1/lib/liblpts_pa_dlvr_list.so
00007fe09042d000 2048K -----
/opt/cisco/XR/packages/iosxr-sse.rp_lc-5.0.1/lib/liblpts_pa_dlvr_list.so
00007fe09062d000 4K rw---
/opt/cisco/XR/packages/iosxr-sse.rp_lc-5.0.1/lib/liblpts_pa_dlvr_list.so
00007fe09062e000 4K r-x--
/opt/cisco/XR/packages/ncs-base.rp_lc-5.0.1/lib/libplatform_ifc.so
00007fe09062f000 2044K -----
/opt/cisco/XR/packages/ncs-base.rp_lc-5.0.1/lib/libplatform_ifc.so
00007fe09082e000 4K rw---
/opt/cisco/XR/packages/ncs-base.rp_lc-5.0.1/lib/libplatform_ifc.so
00007fe09082f000 156K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libnotify.so
00007fe090856000 2048K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libnotify.so

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00007fe090a56000      8K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libnotify.so
00007fe090a58000     24K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libloadpath_file_mgmt.so
00007fe090a5e000    2044K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libloadpath_file_mgmt.so
00007fe090c5d000      4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libloadpath_file_mgmt.so
00007fe090c5e000     28K r-x--
/opt/cisco/XR/packages/iosxr-os.rp-5.0.1/lib/libinst_inv.so
00007fe090c65000    2044K -----
/opt/cisco/XR/packages/iosxr-os.rp-5.0.1/lib/libinst_inv.so
00007fe090e64000      4K rw---
/opt/cisco/XR/packages/iosxr-os.rp-5.0.1/lib/libinst_inv.so
00007fe090e65000     16K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libinst_mem.so
00007fe090e69000    2044K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libinst_mem.so
00007fe091068000      4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libinst_mem.so
00007fe091069000     144K r-x-- /usr/lib64/libfuse.so.2.8.7
00007fe09108d000    2048K ----- /usr/lib64/libfuse.so.2.8.7
00007fe09128d000     72K rw--- /usr/lib64/libfuse.so.2.8.7
00007fe09129f000      4K r-x--
/opt/cisco/XR/packages/iosxr-fwding.rp-5.0.1/lib/libipv6_acl_nh.so
00007fe0912a0000    2044K -----
/opt/cisco/XR/packages/iosxr-fwding.rp-5.0.1/lib/libipv6_acl_nh.so
00007fe09149f000      4K rw---
/opt/cisco/XR/packages/iosxr-fwding.rp-5.0.1/lib/libipv6_acl_nh.so
00007fe0914a0000      4K rw--- [ anon ]
00007fe0914a1000      4K r-x--
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libipv6_acl_ltrace.so
00007fe0914a2000    2048K -----
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libipv6_acl_ltrace.so
00007fe0916a2000      4K rw---
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libipv6_acl_ltrace.so
00007fe0916a3000     16K r-x--
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libipv6_acl_support.so
00007fe0916a7000    2044K -----
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libipv6_acl_support.so
00007fe0918a6000      4K rw---
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libipv6_acl_support.so
00007fe0918a7000      4K rw--- [ anon ]
00007fe0918a8000     12K r-x--
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libacl_common.so
00007fe0918ab000    2044K -----
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libacl_common.so
00007fe091aaa000      4K rw---
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libacl_common.so
00007fe091aab000     32K r-x--
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libipv4_acl_tree.so
00007fe091ab3000    2044K -----
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libipv4_acl_tree.so
00007fe091cb2000      4K rw---
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libipv4_acl_tree.so
00007fe091cb3000     28K rw--- [ anon ]
00007fe091cba000      4K r-x--
/opt/cisco/XR/packages/iosxr-fwding.rp-5.0.1/lib/libipv4_acl_nh.so
00007fe091cbb000    2048K -----
/opt/cisco/XR/packages/iosxr-fwding.rp-5.0.1/lib/libipv4_acl_nh.so
00007fe091ebb000      4K rw---
/opt/cisco/XR/packages/iosxr-fwding.rp-5.0.1/lib/libipv4_acl_nh.so
00007fe091ebc000      4K rw--- [ anon ]
```

```
00007fe091ebd000      32K r-x--
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libipv4_acl_edm.so
00007fe091ec5000      2044K -----
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libipv4_acl_edm.so
00007fe0920c4000         8K rw---
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libipv4_acl_edm.so
00007fe0920c6000         4K rw--- [ anon ]
00007fe0920c7000         8K r-x--
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libipv4_acl_support.so
00007fe0920c9000      2048K -----
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libipv4_acl_support.so
00007fe0922c9000         4K rw---
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libipv4_acl_support.so
00007fe0922ca000        20K r-x--
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libnetio_api.so
00007fe0922cf000      2044K -----
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libnetio_api.so
00007fe0924ce000         4K rw---
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libnetio_api.so
00007fe0924cf000         4K r-x--
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/liblpts_ltrace.so
00007fe0924d0000      2044K -----
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/liblpts_ltrace.so
00007fe0926cf000         4K rw---
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/liblpts_ltrace.so
00007fe0926d0000        24K r-x--
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/liblpts_ifib.so
00007fe0926d6000      2048K -----
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/liblpts_ifib.so
00007fe0928d6000         4K rw---
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/liblpts_ifib.so
00007fe0928d7000        16K r-x--
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/liblpts_pa.so
00007fe0928db000      2044K -----
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/liblpts_pa.so
00007fe092ada000         4K rw---
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/liblpts_pa.so
00007fe092adb000         4K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libltrace_severity.so
00007fe092adc000      2044K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libltrace_severity.so
00007fe092cdb000         4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libltrace_severity.so
00007fe092cdc000        16K r-x--
/opt/cisco/XR/packages/ncs-fwding.rp_lc-5.0.1/lib/libpanini_fwplib.so
00007fe092ce0000      2048K -----
/opt/cisco/XR/packages/ncs-fwding.rp_lc-5.0.1/lib/libpanini_fwplib.so
00007fe092ee0000         4K rw---
/opt/cisco/XR/packages/ncs-fwding.rp_lc-5.0.1/lib/libpanini_fwplib.so
00007fe092ee1000         8K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libniantic.so
00007fe092ee3000      2044K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libniantic.so
00007fe0930e2000         4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libniantic.so
00007fe0930e3000         4K r-x--
/opt/cisco/XR/packages/ncs-base.rp_lc-5.0.1/lib/libipnodeid.so
00007fe0930e4000      2044K -----
/opt/cisco/XR/packages/ncs-base.rp_lc-5.0.1/lib/libipnodeid.so
00007fe0932e3000         4K rw---
/opt/cisco/XR/packages/ncs-base.rp_lc-5.0.1/lib/libipnodeid.so
00007fe0932e4000         4K r-x--
/opt/cisco/XR/packages/ncs-os-support.rp_lc-5.0.1/lib/libnodeid_pd.so
```

```
00007fe0932e5000 2044K -----
/opt/cisco/XR/packages/ncs-os-support.rp_lc-5.0.1/lib/libnodeid_pd.so
00007fe0934e4000 4K rw---
/opt/cisco/XR/packages/ncs-os-support.rp_lc-5.0.1/lib/libnodeid_pd.so
00007fe0934e5000 4K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libpcds_hex_dump.so
00007fe0934e6000 2044K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libpcds_hex_dump.so
00007fe0936e5000 4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libpcds_hex_dump.so
00007fe0936e6000 76K r-x--
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libcdr_invmgr_capi_proto.so
00007fe0936f9000 2044K -----
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libcdr_invmgr_capi_proto.so
00007fe0938f8000 4K rw---
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libcdr_invmgr_capi_proto.so
00007fe0938f9000 56K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libxr_ds_capi.so
00007fe093907000 2048K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libxr_ds_capi.so
00007fe093b07000 4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libxr_ds_capi.so
00007fe093b08000 84K r-x--
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libinstmsg_proto.so
00007fe093b1d000 2044K -----
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libinstmsg_proto.so
00007fe093d1c000 4K rw---
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libinstmsg_proto.so
00007fe093d1d000 100K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libifc.so
00007fe093d36000 2044K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libifc.so
00007fe093f35000 4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libifc.so
00007fe093f36000 696K r-x--
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/librds.so
00007fe093fe4000 2044K -----
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/librds.so
00007fe0941e3000 12K rw---
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/librds.so
00007fe0941e6000 48K rw--- [ anon ]
00007fe0941f2000 164K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libpackage_md5.so
00007fe09421b000 2044K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libpackage_md5.so
00007fe09441a000 4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libpackage_md5.so
00007fe09441b000 60K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libpie.so
00007fe09442a000 2048K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libpie.so
00007fe09462a000 4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libpie.so
00007fe09462b000 16K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libinst_debug.so
00007fe09462f000 2048K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libinst_debug.so
00007fe09482f000 4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libinst_debug.so
00007fe094830000 8K rw--- [ anon ]
00007fe094832000 12K r-x--
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/librmf_switch_api.so
00007fe094835000 2044K -----
```

/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/librmf_switch_api.so
00007fe094a34000 4K rw---
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/librmf_switch_api.so
00007fe094a35000 304K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libloadpath.so
00007fe094a81000 2044K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libloadpath.so
00007fe094c80000 8K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libloadpath.so
00007fe094c82000 24K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libinst_io_device.so
00007fe094c88000 2044K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libinst_io_device.so
00007fe094e87000 4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libinst_io_device.so
00007fe094e88000 4K r-x--
/opt/cisco/XR/packages/ncs-base.rp_lc-5.0.1/lib/libmbi_reset.so
00007fe094e89000 2044K -----
/opt/cisco/XR/packages/ncs-base.rp_lc-5.0.1/lib/libmbi_reset.so
00007fe095088000 4K rw---
/opt/cisco/XR/packages/ncs-base.rp_lc-5.0.1/lib/libmbi_reset.so
00007fe095089000 4K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/lib_flash.so
00007fe09508a000 2044K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/lib_flash.so
00007fe095289000 4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/lib_flash.so
00007fe09528a000 8K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libinst_log.so
00007fe09528c000 2044K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libinst_log.so
00007fe09548b000 4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libinst_log.so
00007fe09548c000 4K r-x--
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libaib_ltrace.so
00007fe09548d000 2044K -----
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libaib_ltrace.so
00007fe09568c000 4K rw---
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libaib_ltrace.so
00007fe09568d000 24K r-x--
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libaib_shm.so
00007fe095693000 2048K -----
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libaib_shm.so
00007fe095893000 4K rw---
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libaib_shm.so
00007fe095894000 112K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libbcm_proto.so.0.0.1
00007fe0958b0000 2044K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libbcm_proto.so.0.0.1
00007fe095aaf000 4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libbcm_proto.so.0.0.1
00007fe095ab0000 56K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libbcm_capi.so.0.0.1
00007fe095abe000 2044K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libbcm_capi.so.0.0.1
00007fe095cbd000 4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libbcm_capi.so.0.0.1
00007fe095cbe000 36K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libavl.so
00007fe095cc7000 2044K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libavl.so
00007fe095ec6000 4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libavl.so

00007fe095ec7000 72K r-x--
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libasync.so
00007fe095ed9000 2048K -----
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libasync.so
00007fe0960d9000 4K rw---
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libasync.so
00007fe0960da000 8K rw--- [anon]
00007fe0960dc000 20K r-x--
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libnrsutils.so
00007fe0960e1000 2044K -----
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libnrsutils.so
00007fe0962e0000 4K rw---
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libnrsutils.so
00007fe0962e1000 320K r-x--
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libsocket_proto.so
00007fe096331000 2044K -----
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libsocket_proto.so
00007fe096530000 12K rw---
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libsocket_proto.so
00007fe096533000 160K r-x--
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libipv6_acl.so
00007fe09655b000 2048K -----
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libipv6_acl.so
00007fe09675b000 4K rw---
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libipv6_acl.so
00007fe09675c000 4K rw--- [anon]
00007fe09675d000 216K r-x--
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libipv4_acl.so
00007fe096793000 2048K -----
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libipv4_acl.so
00007fe096993000 4K rw---
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libipv4_acl.so
00007fe096994000 4K rw--- [anon]
00007fe096995000 100K r-x--
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libip_proto.so
00007fe0969ae000 2048K -----
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libip_proto.so
00007fe096bae000 4K rw---
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libip_proto.so
00007fe096baf000 4K rw--- [anon]
00007fe096bb0000 12K r-x--
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libiparmltv.so
00007fe096bb3000 2044K -----
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libiparmltv.so
00007fe096db2000 4K rw---
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libiparmltv.so
00007fe096db3000 28K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libtlv.so
00007fe096dba000 2044K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libtlv.so
00007fe096fb9000 4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libtlv.so
00007fe096fba000 84K r-x--
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/liblpts_transport_generic.so
00007fe096fcf000 2044K -----
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/liblpts_transport_generic.so
00007fe0971ce000 12K rw---
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/liblpts_transport_generic.so
00007fe0971d1000 4K rw--- [anon]
00007fe0971d2000 32K r-x--
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libpa_client_generic.so
00007fe0971da000 2044K -----
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libpa_client_generic.so

```
00007fe0973d9000      8K rw---
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libpa_client_generic.so
00007fe0973db000      8K rw--- [ anon ]
00007fe0973dd000      4K r-x--
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/librcmd_xform.so
00007fe0973de000     2048K -----
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/librcmd_xform.so
00007fe0975de000      4K rw---
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/librcmd_xform.so
00007fe0975df000     16K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libltrace_sync.so
00007fe0975e3000     2048K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libltrace_sync.so
00007fe0977e3000      4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libltrace_sync.so
00007fe0977e4000      4K r-x--
/opt/cisco/XR/packages/ncs-base.rp_lc-5.0.1/lib/lib_ether_nodeid.so
00007fe0977e5000     2044K -----
/opt/cisco/XR/packages/ncs-base.rp_lc-5.0.1/lib/lib_ether_nodeid.so
00007fe0979e4000      4K rw---
/opt/cisco/XR/packages/ncs-base.rp_lc-5.0.1/lib/lib_ether_nodeid.so
00007fe0979e5000     36K r-x--
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libcbp.so
00007fe0979ee000     2048K -----
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libcbp.so
00007fe097bee000      4K rw---
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libcbp.so
00007fe097bef000     12K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libelib.so
00007fe097bf2000     2044K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libelib.so
00007fe097df1000      4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libelib.so
00007fe097df2000      8K r-x--
/opt/cisco/XR/packages/ncs-fwding.rp_lc-5.0.1/lib/libsse_fwplib.so
00007fe097df4000     2048K -----
/opt/cisco/XR/packages/ncs-fwding.rp_lc-5.0.1/lib/libsse_fwplib.so
00007fe097ff4000      4K rw---
/opt/cisco/XR/packages/ncs-fwding.rp_lc-5.0.1/lib/libsse_fwplib.so
00007fe097ff5000      4K r-x--
/opt/cisco/XR/packages/ncs-base.rp_lc-5.0.1/lib/libplatform_pfi_netio.so
00007fe097ff6000     2044K -----
/opt/cisco/XR/packages/ncs-base.rp_lc-5.0.1/lib/libplatform_pfi_netio.so
00007fe0981f5000      4K rw---
/opt/cisco/XR/packages/ncs-base.rp_lc-5.0.1/lib/libplatform_pfi_netio.so
00007fe0981f6000      8K r-x--
/opt/cisco/XR/packages/ncs-base.rp_lc-5.0.1/lib/libpq_nodeid.so
00007fe0981f8000     2048K -----
/opt/cisco/XR/packages/ncs-base.rp_lc-5.0.1/lib/libpq_nodeid.so
00007fe0983f8000      4K rw---
/opt/cisco/XR/packages/ncs-base.rp_lc-5.0.1/lib/libpq_nodeid.so
00007fe0983f9000      4K r-x--
/opt/cisco/XR/packages/ncs-base.rp_lc-5.0.1/lib/libsock_media_platform.so
00007fe0983fa000     2048K -----
/opt/cisco/XR/packages/ncs-base.rp_lc-5.0.1/lib/libsock_media_platform.so
00007fe0985fa000      4K rw---
/opt/cisco/XR/packages/ncs-base.rp_lc-5.0.1/lib/libsock_media_platform.so
00007fe0985fb000     36K r-x--
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libsmq.so
00007fe098604000     2048K -----
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libsmq.so
00007fe098804000      4K rw---
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libsmq.so
```

```
00007fe098805000    104K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libenf.so
00007fe09881f000    2044K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libenf.so
00007fe098a1e000      4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libenf.so
00007fe098a1f000      4K rw--- [ anon ]
00007fe098a20000     60K r-x--
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libmbp.so
00007fe098a2f000    2044K -----
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libmbp.so
00007fe098c2e000      4K rw---
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libmbp.so
00007fe098c2f000     32K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libshmalloc.so
00007fe098c37000    2044K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libshmalloc.so
00007fe098e36000      4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libshmalloc.so
00007fe098e37000      4K r-x--
/opt/cisco/XR/packages/ncs-base.rp_lc-5.0.1/lib/libinst_devicemgr_platform.so
00007fe098e38000    2044K -----
/opt/cisco/XR/packages/ncs-base.rp_lc-5.0.1/lib/libinst_devicemgr_platform.so
00007fe099037000      4K rw---
/opt/cisco/XR/packages/ncs-base.rp_lc-5.0.1/lib/libinst_devicemgr_platform.so
00007fe099038000     28K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libinst_devicemgr.so
00007fe09903f000    2048K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libinst_devicemgr.so
00007fe09923f000      4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libinst_devicemgr.so
00007fe099240000      4K r-x--
/opt/cisco/XR/packages/ncs-os-support.rp_lc-5.0.1/lib/lib_shmwin_pl_vm.so
00007fe099241000    2044K -----
/opt/cisco/XR/packages/ncs-os-support.rp_lc-5.0.1/lib/lib_shmwin_pl_vm.so
00007fe099440000      4K rw---
/opt/cisco/XR/packages/ncs-os-support.rp_lc-5.0.1/lib/lib_shmwin_pl_vm.so
00007fe099441000      8K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libpqmon.so
00007fe099443000    2048K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libpqmon.so
00007fe099643000      4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libpqmon.so
00007fe099644000      4K r-x--
/opt/cisco/XR/packages/ncs-os-support.rp_lc-5.0.1/lib/lib_pakman_pl_vm.so
00007fe099645000    2044K -----
/opt/cisco/XR/packages/ncs-os-support.rp_lc-5.0.1/lib/lib_pakman_pl_vm.so
00007fe099844000      4K rw---
/opt/cisco/XR/packages/ncs-os-support.rp_lc-5.0.1/lib/lib_pakman_pl_vm.so
00007fe099845000    104K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libpacket_common.so
00007fe09985f000    2048K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libpacket_common.so
00007fe099a5f000      8K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libpacket_common.so
00007fe099a61000    520K r-x-- /lib64/libm-2.12.so
00007fe099ae3000    2044K ----- /lib64/libm-2.12.so
00007fe099ce2000      8K rw--- /lib64/libm-2.12.so
00007fe099ce4000     12K r-x--&nbsp;
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/librsi_util.so
00007fe099ce7000    2044K -----
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/librsi_util.so
00007fe099ee6000      4K rw---
```

```
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/librsi_util.so
00007fe099ee7000      8K r-x--
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/librsi_dbg.so
00007fe099ee9000   2044K -----
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/librsi_dbg.so
00007fe09a0e8000     4K rw---
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/librsi_dbg.so
00007fe09a0e9000    28K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libpcds.so
00007fe09a0f0000   2044K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libpcds.so
00007fe09a2ef000     4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libpcds.so
00007fe09a2f0000    16K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libltrace_shmem.so
00007fe09a2f4000   2044K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libltrace_shmem.so
00007fe09a4f3000     4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libltrace_shmem.so
00007fe09a4f4000     4K r-x--
/opt/cisco/XR/packages/ncs-base.rp_lc-5.0.1/lib/lib_platform_infra_ltrace.so
00007fe09a4f5000   2044K -----
/opt/cisco/XR/packages/ncs-base.rp_lc-5.0.1/lib/lib_platform_infra_ltrace.so
00007fe09a6f4000     4K rw---
/opt/cisco/XR/packages/ncs-base.rp_lc-5.0.1/lib/lib_platform_infra_ltrace.so
00007fe09a6f5000    12K r-x--
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libbackend_parser.so
00007fe09a6f8000   2048K -----
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libbackend_parser.so
00007fe09a8f8000     4K rw---
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libbackend_parser.so
00007fe09a8f9000     4K r-x--
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libbackend_subdb.so
00007fe09a8fa000   2044K -----
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libbackend_subdb.so
00007fe09aaf9000     4K rw---
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libbackend_subdb.so
00007fe09aafa000    36K r-x--
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libbackend_sysdb.so
00007fe09ab03000   2044K -----
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libbackend_sysdb.so
00007fe09ad02000     4K rw---
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libbackend_sysdb.so
00007fe09ad03000     4K r-x--
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libmemprofile.so
00007fe09ad04000   2044K -----
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libmemprofile.so
00007fe09af03000     4K rw---
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libmemprofile.so
00007fe09af04000     4K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libalm_loc_debug.so
00007fe09af05000   2048K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libalm_loc_debug.so
00007fe09b105000     4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libalm_loc_debug.so
00007fe09b106000    12K r-x--
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libfim.so
00007fe09b109000   2048K -----
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libfim.so
00007fe09b309000     4K rw---
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libfim.so
00007fe09b30a000    56K r-x--
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libhdr_invmgr_capi.so
```

```
00007fe09b318000 2044K -----
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libsd_r_invmgr_capi.so
00007fe09b517000 4K rw---
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libsd_r_invmgr_capi.so
00007fe09b518000 4K r-x--
/opt/cisco/XR/packages/ncs-base.rp_lc-5.0.1/lib/libshelfmgrpi.so
00007fe09b519000 2044K -----
/opt/cisco/XR/packages/ncs-base.rp_lc-5.0.1/lib/libshelfmgrpi.so
00007fe09b718000 4K rw---
/opt/cisco/XR/packages/ncs-base.rp_lc-5.0.1/lib/libshelfmgrpi.so
00007fe09b719000 8K r-x--
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libdscapi.so
00007fe09b71b000 2044K -----
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libdscapi.so
00007fe09b91a000 4K rw---
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libdscapi.so
00007fe09b91b000 4K r-x--
/opt/cisco/XR/packages/ncs-base.rp_lc-5.0.1/lib/libmbi_access.so
00007fe09b91c000 2044K -----
/opt/cisco/XR/packages/ncs-base.rp_lc-5.0.1/lib/libmbi_access.so
00007fe09bb1b000 4K rw---
/opt/cisco/XR/packages/ncs-base.rp_lc-5.0.1/lib/libmbi_access.so
00007fe09bb1c000 40K r-x--
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libbaggeneric.so
00007fe09bb26000 2044K -----
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libbaggeneric.so
00007fe09bd25000 4K rw---
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libbaggeneric.so
00007fe09bd26000 32K r-x--
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libttnmspc.so
00007fe09bd2e000 2048K -----
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libttnmspc.so
00007fe09bf2e000 4K rw---
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libttnmspc.so
00007fe09bf2f000 24K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libttytrace.so
00007fe09bf35000 2048K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libttytrace.so
00007fe09c135000 4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libttytrace.so
00007fe09c136000 24K rw--- [ anon ]
00007fe09c13c000 12K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libtty_ptydb.so
00007fe09c13f000 2044K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libtty_ptydb.so
00007fe09c33e000 4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libtty_ptydb.so
00007fe09c33f000 100K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libpackage.so
00007fe09c358000 2044K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libpackage.so
00007fe09c557000 12K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libpackage.so
00007fe09c55a000 148K r-x--
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libapi.so
00007fe09c57f000 2044K -----
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libapi.so
00007fe09c77e000 12K rw---
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libapi.so
00007fe09c781000 44K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libinst_io.so
00007fe09c78c000 2048K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libinst_io.so
```

00007fe09c98c000 4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libinst_io.so
00007fe09c98d000 28K r-x--
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libsamclient.so
00007fe09c994000 2048K -----
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libsamclient.so
00007fe09cb94000 4K rw---
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libsamclient.so
00007fe09cb95000 4K r-x--
/opt/cisco/XR/packages/ncs-base.rp_lc-5.0.1/lib/libinstbootinfo.so
00007fe09cb96000 2044K -----
/opt/cisco/XR/packages/ncs-base.rp_lc-5.0.1/lib/libinstbootinfo.so
00007fe09cd95000 4K rw---
/opt/cisco/XR/packages/ncs-base.rp_lc-5.0.1/lib/libinstbootinfo.so
00007fe09cd96000 20K r-x--
/opt/cisco/XR/packages/ncs-base.rp_lc-5.0.1/lib/libpkg_platform.so
00007fe09cd9b000 2044K -----
/opt/cisco/XR/packages/ncs-base.rp_lc-5.0.1/lib/libpkg_platform.so
00007fe09cf9a000 4K rw---
/opt/cisco/XR/packages/ncs-base.rp_lc-5.0.1/lib/libpkg_platform.so
00007fe09cf9b000 32K r-x--
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libnetio_dll_support.so
00007fe09cfa3000 2044K -----
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libnetio_dll_support.so
00007fe09d1a2000 4K rw---
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libnetio_dll_support.so
00007fe09d1a3000 80K r-x--
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libaib_client.so
00007fe09d1b7000 2048K -----
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libaib_client.so
00007fe09d3b7000 4K rw---
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libaib_client.so
00007fe09d3b8000 52K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libpacket_netio.so
00007fe09d3c5000 2048K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libpacket_netio.so
00007fe09d5c5000 4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libpacket_netio.so
00007fe09d5c6000 12K r-x--
/opt/cisco/XR/packages/iosxr-sse.rp_lc-5.0.1/lib/libnpu_driver_board_hal.so
00007fe09d5c9000 2044K -----
/opt/cisco/XR/packages/iosxr-sse.rp_lc-5.0.1/lib/libnpu_driver_board_hal.so
00007fe09d7c8000 4K rw---
/opt/cisco/XR/packages/iosxr-sse.rp_lc-5.0.1/lib/libnpu_driver_board_hal.so
00007fe09d7c9000 60K r-x--
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libcmp.so
00007fe09d7d8000 2048K -----
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libcmp.so
00007fe09d9d8000 4K rw---
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libcmp.so
00007fe09d9d9000 12K r-x--
/opt/cisco/XR/packages/ncs-os-support.rp_lc-5.0.1/lib/libplatform_boot.so
00007fe09d9dc000 2044K -----
/opt/cisco/XR/packages/ncs-os-support.rp_lc-5.0.1/lib/libplatform_boot.so
00007fe09dbdb000 4K rw---
/opt/cisco/XR/packages/ncs-os-support.rp_lc-5.0.1/lib/libplatform_boot.so
00007fe09dbdc000 8K r-x--
/opt/cisco/XR/packages/ncs-os-support.rp_lc-5.0.1/lib/libplatform_pd.so
00007fe09dbde000 2044K -----
/opt/cisco/XR/packages/ncs-os-support.rp_lc-5.0.1/lib/libplatform_pd.so
00007fe09dddd000 4K rw---
/opt/cisco/XR/packages/ncs-os-support.rp_lc-5.0.1/lib/libplatform_pd.so
00007fe09ddde000 4K r-x--

```
/opt/cisco/XR/packages/ncs-os-support.rp_lc-5.0.1/lib/libbackplane.so
00007fe09ddd000    2044K -----
/opt/cisco/XR/packages/ncs-os-support.rp_lc-5.0.1/lib/libbackplane.so
00007fe09dfde000     4K rw---
/opt/cisco/XR/packages/ncs-os-support.rp_lc-5.0.1/lib/libbackplane.so
00007fe09dfdf000     8K r-x--
/opt/cisco/XR/packages/ncs-os-support.rp_lc-5.0.1/lib/libpanini_device_info.so
00007fe09dfe1000    2048K -----
/opt/cisco/XR/packages/ncs-os-support.rp_lc-5.0.1/lib/libpanini_device_info.so
00007fe09e1e1000     4K rw---
/opt/cisco/XR/packages/ncs-os-support.rp_lc-5.0.1/lib/libpanini_device_info.so
00007fe09e1e2000    12K r-x--
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libital_shm.so
00007fe09e1e5000    2048K -----
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libital_shm.so
00007fe09e3e5000     4K rw---
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libital_shm.so
00007fe09e3e6000    92K r-x--
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libens.so
00007fe09e3fd000    2044K -----
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libens.so
00007fe09e5fc000     8K rw---
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libens.so
00007fe09e5fe000     4K rw--- [ anon ]
00007fe09e5ff000    40K r-x--
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libnrs.so
00007fe09e609000    2044K -----
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libnrs.so
00007fe09e808000     4K rw---
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libnrs.so
00007fe09e809000    12K r-x--
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libcisco_ipv6_lib.so
00007fe09e80c000    2044K -----
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libcisco_ipv6_lib.so
00007fe09ea0b000     4K rw---
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libcisco_ipv6_lib.so
00007fe09ea0c000    12K r-x--
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libip_transport.so
00007fe09ea0f000    2044K -----
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libip_transport.so
00007fe09ec0e000     4K rw---
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libip_transport.so
00007fe09ec0f000     4K rw--- [ anon ]
00007fe09ec10000     8K r-x--
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libip_addr.so
00007fe09ec12000    2048K -----
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libip_addr.so
00007fe09ee12000     4K rw---
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libip_addr.so
00007fe09ee13000    24K r-x--
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libpfi_ifh.so
00007fe09ee19000    2044K -----
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libpfi_ifh.so
00007fe09f018000     4K rw---
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libpfi_ifh.so
00007fe09f019000     8K r-x--
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libiparmifmapcons.so
00007fe09f01b000    2044K -----
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libiparmifmapcons.so
00007fe09f21a000     4K rw---
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libiparmifmapcons.so
00007fe09f21b000     4K r-x--
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libipv4_addr.so
```

```
00007fe09f21c000 2044K -----
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libipv4_addr.so
00007fe09f41b000 4K rw---
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libipv4_addr.so
00007fe09f41c000 8K r-x--
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libiparmaddr.so
00007fe09f41e000 2044K -----
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libiparmaddr.so
00007fe09f61d000 4K rw---
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libiparmaddr.so
00007fe09f61e000 24K r-x--
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libiparmconsumer.so
00007fe09f624000 2048K -----
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libiparmconsumer.so
00007fe09f824000 4K rw---
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libiparmconsumer.so
00007fe09f825000 8K r-x--
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libip_tlvlib.so
00007fe09f827000 2044K -----
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libip_tlvlib.so
00007fe09fa26000 4K rw---
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libip_tlvlib.so
00007fe09fa27000 8K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libport_un.so
00007fe09fa29000 2044K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libport_un.so
00007fe09fc28000 4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libport_un.so
00007fe09fc29000 8K r-x--
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libip_icmp_client_v2.so
00007fe09fc2b000 2044K -----
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libip_icmp_client_v2.so
00007fe09fe2a000 4K rw---
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libip_icmp_client_v2.so
00007fe09fe2b000 4K rw--- [ anon ]
00007fe09fe2c000 72K r-x--
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libipv4_rib_lite.so
00007fe09fe3e000 2044K -----
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libipv4_rib_lite.so
00007fe0a003d000 4K rw---
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libipv4_rib_lite.so
00007fe0a003e000 4K rw--- [ anon ]
00007fe0a003f000 44K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libltrace_show.so
00007fe0a004a000 2044K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libltrace_show.so
00007fe0a0249000 4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libltrace_show.so
00007fe0a024a000 16K r-x--
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libpfi_util.so
00007fe0a024e000 2044K -----
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libpfi_util.so
00007fe0a044d000 4K rw---
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libpfi_util.so
00007fe0a044e000 68K r-x--
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libgsputils.so
00007fe0a045f000 2044K -----
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libgsputils.so
00007fe0a065e000 8K rw---
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libgsputils.so
00007fe0a0660000 12K rw--- [ anon ]
00007fe0a0663000 144K r-x--
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libgroup.so
```



```
00007fe0a0687000 2048K -----
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libgroup.so
00007fe0a0887000 8K rw---
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libgroup.so
00007fe0a0889000 8K rw--- [ anon ]
00007fe0a088b000 92K r-x--
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libimattrowner.so
00007fe0a08a2000 2044K -----
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libimattrowner.so
00007fe0a0aa1000 8K rw---
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libimattrowner.so
00007fe0a0aa3000 12K r-x--
/opt/cisco/XR/packages/ncs-base.rp_lc-5.0.1/lib/libplatform_pfi.so
00007fe0a0aa6000 2044K -----
/opt/cisco/XR/packages/ncs-base.rp_lc-5.0.1/lib/libplatform_pfi.so
00007fe0a0ca5000 4K rw---
/opt/cisco/XR/packages/ncs-base.rp_lc-5.0.1/lib/libplatform_pfi.so
00007fe0a0ca6000 20K r-x--
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libnetio_client.so
00007fe0a0cab000 2048K -----
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libnetio_client.so
00007fe0a0eab000 4K rw---
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libnetio_client.so
00007fe0a0eac000 8K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libsysmrv.so
00007fe0a0eae000 2044K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libsysmrv.so
00007fe0a10ad000 4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libsysmrv.so
00007fe0a10ae000 196K r-x--
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libim_util.so
00007fe0a10df000 2044K -----
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libim_util.so
00007fe0a12de000 12K rw---
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libim_util.so
00007fe0a12e1000 56K rw--- [ anon ]
00007fe0a12ef000 20K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libcerr_dll_tbl.so
00007fe0a12f4000 2044K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libcerr_dll_tbl.so
00007fe0a14f3000 4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libcerr_dll_tbl.so
00007fe0a14f4000 4K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libcipc_endpoint_proto.so
00007fe0a14f5000 2044K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libcipc_endpoint_proto.so
00007fe0a16f4000 4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libcipc_endpoint_proto.so
00007fe0a16f5000 32K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libcalvados_ds_proto.so
00007fe0a16fd000 2044K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libcalvados_ds_proto.so
00007fe0a18fc000 4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libcalvados_ds_proto.so
00007fe0a18fd000 60K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libcalvados_ds_capi.so
00007fe0a190c000 2044K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libcalvados_ds_capi.so
00007fe0a1b0b000 4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libcalvados_ds_capi.so
00007fe0a1b0c000 16K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libcapi_cipc_proto.so
00007fe0a1b10000 2044K -----
```

```
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libcapi_cipc_proto.so
00007fe0ald0f000      4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libcapi_cipc_proto.so
00007fe0ald10000      8K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libcapi_impl.so
00007fe0ald12000     2044K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libcapi_impl.so
00007fe0alf11000      4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libcapi_impl.so
00007fe0alf12000     124K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libcdr_nm_proto.so.0.0.1
00007fe0alf31000     2044K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libcdr_nm_proto.so.0.0.1
00007fe0a2130000      4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libcdr_nm_proto.so.0.0.1
00007fe0a2131000     112K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libcdr_nm_capi.so.0.0.1
00007fe0a214d000     2048K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libcdr_nm_capi.so.0.0.1
00007fe0a234d000      4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libcdr_nm_capi.so.0.0.1
00007fe0a234e000     44K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libctrace.so
00007fe0a2359000     2048K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libctrace.so
00007fe0a2559000      4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libctrace.so
00007fe0a255a000      8K r-x--
/usr/lib64/libevent_pthreads-2.0.so.5.0.1
00007fe0a255c000     2044K -----
/usr/lib64/libevent_pthreads-2.0.so.5.0.1
00007fe0a275b000      4K rw---
/usr/lib64/libevent_pthreads-2.0.so.5.0.1
00007fe0a275c000     256K r-x--
/usr/lib64/libevent-2.0.so.5.0.1
00007fe0a279c000     2048K -----
/usr/lib64/libevent-2.0.so.5.0.1
00007fe0a299c000      8K rw---
/usr/lib64/libevent-2.0.so.5.0.1
00007fe0a299e000     68K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libcalvados_infra.so
00007fe0a29af000     2044K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libcalvados_infra.so
00007fe0a2bae000      4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libcalvados_infra.so
00007fe0a2baf000     316K r-x--
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libaipc.so
00007fe0a2bfe000     2048K -----
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libaipc.so
00007fe0a2dfe000      8K rw---
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libaipc.so
00007fe0a2e00000     16K rw---   [ anon ]
00007fe0a2e04000     40K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libship.so
00007fe0a2e0e000     2044K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libship.so
00007fe0a300d000      8K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libship.so
00007fe0a300f000      8K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libpkgfs_query.so
00007fe0a3011000     2044K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libpkgfs_query.so
00007fe0a3210000      4K rw---
```

```
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libpkgfs_query.so
00007fe0a3211000      4K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libmediaerr.so
00007fe0a3212000    2044K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libmediaerr.so
00007fe0a3411000      4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libmediaerr.so
00007fe0a3412000     56K r-x--
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libdcl.so
00007fe0a3420000    2048K -----
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libdcl.so
00007fe0a3620000      4K rw---
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libdcl.so
00007fe0a3621000    272K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libcdm.so
00007fe0a3665000    2048K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libcdm.so
00007fe0a3865000      8K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libcdm.so
00007fe0a3867000    32K rw--- [ anon ]
00007fe0a386f000    44K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libss_common.so
00007fe0a387a000    2048K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libss_common.so
00007fe0a3a7a000      4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libss_common.so
00007fe0a3a7b000    12K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libcsemlock.so
00007fe0a3a7e000    2044K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libcsemlock.so
00007fe0a3c7d000      4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libcsemlock.so
00007fe0a3c7e000      4K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libdumper_snapshot.so
00007fe0a3c7f000    2044K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libdumper_snapshot.so
00007fe0a3e7e000      4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libdumper_snapshot.so
00007fe0a3e7f000      8K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libcompress.so
00007fe0a3e81000    2048K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libcompress.so
00007fe0a4081000      4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libcompress.so
00007fe0a4082000    84K r-x--
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libsysdbutils.so
00007fe0a4097000    2048K -----
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libsysdbutils.so
00007fe0a4297000      4K rw---
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libsysdbutils.so
00007fe0a4298000      4K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/lib_procfs_util.so
00007fe0a4299000    2044K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/lib_procfs_util.so
00007fe0a4498000      4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/lib_procfs_util.so
00007fe0a4499000    76K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libdebug.so
00007fe0a44ac000    2044K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libdebug.so
00007fe0a46ab000      8K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libdebug.so
00007fe0a46ad000    100K r-x--
```

```
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libshmwin.so
00007fe0a46c6000    2044K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libshmwin.so
00007fe0a48c5000      8K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libshmwin.so
00007fe0a48c7000      8K r-x--
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libsocket_util.so
00007fe0a48c9000    2044K -----
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libsocket_util.so
00007fe0a4ac8000      4K rw---
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libsocket_util.so
00007fe0a4ac9000     16K r-x--
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libxipc.so
00007fe0a4acd000    2044K -----
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libxipc.so
00007fe0a4ccc000      4K rw---
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libxipc.so
00007fe0a4ccd000     76K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libpacket.so
00007fe0a4ce0000    2044K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libpacket.so
00007fe0a4edf000      4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libpacket.so
00007fe0a4ee0000    408K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libosysrt.so
00007fe0a4f46000    2048K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libosysrt.so
00007fe0a5146000      4K r----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libosysrt.so
00007fe0a5147000      8K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libosysrt.so
00007fe0a5149000    220K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libosysrtxml.so
00007fe0a5180000    2044K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libosysrtxml.so
00007fe0a537f000      4K r----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libosysrtxml.so
00007fe0a5380000      4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libosysrtxml.so
00007fe0a5381000     36K r-x--
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/librpc.so
00007fe0a538a000    2048K -----
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/librpc.so
00007fe0a558a000      4K rw---
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/librpc.so
00007fe0a558b000     96K r-x--  /lib64/libpthread-2.12.so
00007fe0a55a3000    2044K -----  /lib64/libpthread-2.12.so
00007fe0a57a2000      4K r----  /lib64/libpthread-2.12.so
00007fe0a57a3000      4K rw---  /lib64/libpthread-2.12.so
00007fe0a57a4000     16K rw---  [ anon ]
00007fe0a57a8000   1444K r-x--  /lib64/libc-2.12.so
00007fe0a5911000    2048K -----  /lib64/libc-2.12.so
00007fe0a5b11000     12K r----  /lib64/libc-2.12.so
00007fe0a5b14000      8K rw---  /lib64/libc-2.12.so
00007fe0a5b16000     20K rw---  [ anon ]
00007fe0a5b1b000     52K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libosag.so
00007fe0a5b28000    2044K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libosag.so
00007fe0a5d27000      4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libosag.so
00007fe0a5d28000     20K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libsyslog.so
```

```
00007fe0a5d2d000    2044K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libsyslog.so
00007fe0a5f2c000         4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libsyslog.so
00007fe0a5f2d000        84K r-x--
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/librsi.so
00007fe0a5f42000    2044K -----
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/librsi.so
00007fe0a6141000         4K rw---
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/librsi.so
00007fe0a6142000        48K r-x--
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/librmf.so
00007fe0a614e000    2048K -----
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/librmf.so
00007fe0a634e000         4K rw---
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/librmf.so
00007fe0a634f000        64K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libltrace.so
00007fe0a635f000    2048K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libltrace.so
00007fe0a655f000         4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libltrace.so
00007fe0a6560000         8K r-x-- /lib64/libdl-2.12.so
00007fe0a6562000    2048K ----- /lib64/libdl-2.12.so
00007fe0a6762000         8K rw--- /lib64/libdl-2.12.so
00007fe0a6764000        32K r-x-- /lib64/librt-2.12.so
00007fe0a676c000    2044K ----- /lib64/librt-2.12.so
00007fe0a696b000         8K rw--- /lib64/librt-2.12.so
00007fe0a696d000        24K r-x--
/opt/cisco/XR/packages/iosxr-os.rp-5.0.1/lib/libsyslog_rw.so
00007fe0a6973000    2044K -----
/opt/cisco/XR/packages/iosxr-os.rp-5.0.1/lib/libsyslog_rw.so
00007fe0a6b72000         4K rw---
/opt/cisco/XR/packages/iosxr-os.rp-5.0.1/lib/libsyslog_rw.so
00007fe0a6b73000        12K r-x--
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libsltd.so
00007fe0a6b76000    2044K -----
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libsltd.so
00007fe0a6d75000         4K rw---
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libsltd.so
00007fe0a6d76000         4K rw--- [ anon ]
00007fe0a6d77000        20K r-x--
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libsysdbbackend.so
00007fe0a6d7c000    2044K -----
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libsysdbbackend.so
00007fe0a6f7b000         4K rw---
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libsysdbbackend.so
00007fe0a6f7c000        40K r-x--
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libbag.so
00007fe0a6f86000    2048K -----
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libbag.so
00007fe0a7186000         4K rw---
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libbag.so
00007fe0a7187000         8K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/lib_alarm_logger_locnotify.so
00007fe0a7189000    2044K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/lib_alarm_logger_locnotify.so
00007fe0a7388000         4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/lib_alarm_logger_locnotify.so
00007fe0a7389000        12K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libalm_loc_infra.so
00007fe0a738c000    2044K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libalm_loc_infra.so
```

```
00007fe0a758b000      4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libalm_loc_infra.so
00007fe0a758c000      44K r-x--
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/liblrdlib.so
00007fe0a7597000     2044K -----
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/liblrdlib.so
00007fe0a7796000      4K rw---
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/liblrdlib.so
00007fe0a7797000     16K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libttyutil.so
00007fe0a779b000     2044K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libttyutil.so
00007fe0a799a000      4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libttyutil.so
00007fe0a799b000     128K r-x--
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libsysmgr.so
00007fe0a79bb000     2044K -----
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libsysmgr.so
00007fe0a7bba000      8K rw---
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libsysmgr.so
00007fe0a7bbc000     40K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libovl.so
00007fe0a7bc6000     2048K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libovl.so
00007fe0a7dc6000      4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libovl.so
00007fe0a7dc7000     72K r-x--
/opt/cisco/XR/packages/ncs-os-support.rp_lc-5.0.1/lib/libnodeid.so
00007fe0a7dd9000     2044K -----
/opt/cisco/XR/packages/ncs-os-support.rp_lc-5.0.1/lib/libnodeid.so
00007fe0a7fd8000     16K rw---
/opt/cisco/XR/packages/ncs-os-support.rp_lc-5.0.1/lib/libnodeid.so
00007fe0a7fdc000      8K r-x--
/opt/cisco/XR/packages/iosxr-sse.rp_lc-5.0.1/lib/libplatform_netio.so
00007fe0a7fde000     2048K -----
/opt/cisco/XR/packages/iosxr-sse.rp_lc-5.0.1/lib/libplatform_netio.so
00007fe0a81de000      4K rw---
/opt/cisco/XR/packages/iosxr-sse.rp_lc-5.0.1/lib/libplatform_netio.so
00007fe0a81df000      4K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libplatform_to_be_deprecated.so
00007fe0a81e0000     2044K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libplatform_to_be_deprecated.so
00007fe0a83df000      4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libplatform_to_be_deprecated.so
00007fe0a83e0000      4K r-x--
/opt/cisco/XR/packages/ncs-os-support.rp_lc-5.0.1/lib/libc12000_cardtype.so
00007fe0a83e1000     2044K -----
/opt/cisco/XR/packages/ncs-os-support.rp_lc-5.0.1/lib/libc12000_cardtype.so
00007fe0a85e0000      4K rw---
/opt/cisco/XR/packages/ncs-os-support.rp_lc-5.0.1/lib/libc12000_cardtype.so
00007fe0a85e1000      4K r-x--
/opt/cisco/XR/packages/ncs-base.rp_lc-5.0.1/lib/libc12000_chassis.so
00007fe0a85e2000     2044K -----
/opt/cisco/XR/packages/ncs-base.rp_lc-5.0.1/lib/libc12000_chassis.so
00007fe0a87e1000      4K rw---
/opt/cisco/XR/packages/ncs-base.rp_lc-5.0.1/lib/libc12000_chassis.so
00007fe0a87e2000      4K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libc12000_bflc_io_reset.so
00007fe0a87e3000     2044K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libc12000_bflc_io_reset.so
00007fe0a89e2000      4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libc12000_bflc_io_reset.so
00007fe0a89e3000      4K r-x--
```

```
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libplatform_lc_mem.so
00007fe0a89e4000    2044K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libplatform_lc_mem.so
00007fe0a8be3000         4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libplatform_lc_mem.so
00007fe0a8be4000         4K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libplatform_rp_rate_limit.so
00007fe0a8be5000    2044K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libplatform_rp_rate_limit.so
00007fe0a8de4000         4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libplatform_rp_rate_limit.so
00007fe0a8de5000         4K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libplatform_mbus_fru.so
00007fe0a8de6000    2044K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libplatform_mbus_fru.so
00007fe0a8fe5000         4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libplatform_mbus_fru.so
00007fe0a8fe6000         4K r-x--
/opt/cisco/XR/packages/ncs-os-support.rp_lc-5.0.1/lib/libplatform_diagstrings.so
00007fe0a8fe7000    2044K -----
/opt/cisco/XR/packages/ncs-os-support.rp_lc-5.0.1/lib/libplatform_diagstrings.so
00007fe0a91e6000         4K rw---
/opt/cisco/XR/packages/ncs-os-support.rp_lc-5.0.1/lib/libplatform_diagstrings.so
00007fe0a91e7000         4K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libplatform_plimq.so
00007fe0a91e8000    2044K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libplatform_plimq.so
00007fe0a93e7000         4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libplatform_plimq.so
00007fe0a93e8000        44K r-x--
/opt/cisco/XR/packages/ncs-os-support.rp_lc-5.0.1/lib/libplatform.so
00007fe0a93f3000    2044K -----
/opt/cisco/XR/packages/ncs-os-support.rp_lc-5.0.1/lib/libplatform.so
00007fe0a95f2000         4K rw---
/opt/cisco/XR/packages/ncs-os-support.rp_lc-5.0.1/lib/libplatform.so
00007fe0a95f3000         8K rw--- [ anon ]
00007fe0a95f5000       168K r-x--
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libipaddr_cons.so
00007fe0a961f000    2044K -----
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libipaddr_cons.so
00007fe0a981e000        24K rw---
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libipaddr_cons.so
00007fe0a9824000         4K rw--- [ anon ]
00007fe0a9825000        44K r-x--
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libip4.so
00007fe0a9830000   2048K -----
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libip4.so
00007fe0a9a30000         4K rw---
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libip4.so
00007fe0a9a31000         4K rw--- [ anon ]
00007fe0a9a32000       148K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libcalvados_ios.so.0.0.1
00007fe0a9a57000    2044K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libcalvados_ios.so.0.0.1
00007fe0a9c56000         8K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libcalvados_ios.so.0.0.1
00007fe0a9c58000       176K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libios.so
00007fe0a9c84000   2048K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libios.so
00007fe0a9e84000         8K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libios.so
00007fe0a9e86000         4K rw--- [ anon ]
```

```
00007fe0a9e87000      444K r-x--
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libifmgr.so
00007fe0a9ef6000      2044K -----
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libifmgr.so
00007fe0aa0f5000        20K rw---
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libifmgr.so
00007fe0aa0fa000        16K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libcerrno.so
00007fe0aa0fe000      2048K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libcerrno.so
00007fe0aa2fe000         4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libcerrno.so
00007fe0aa2ff000       592K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libinfra.so
00007fe0aa393000      2044K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libinfra.so
00007fe0aa592000        16K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libinfra.so
00007fe0aa596000        52K rw--- [ anon ]
00007fe0aa5a3000        16K r-x--
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libsysdbhelper.so
00007fe0aa5a7000      2044K -----
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libsysdbhelper.so
00007fe0aa7a6000         4K rw---
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libsysdbhelper.so
00007fe0aa7a7000       364K r-x--
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libsysdb.so
00007fe0aa802000      2044K -----
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libsysdb.so
00007fe0aaa01000         8K rw---
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libsysdb.so
00007fe0aaa03000         4K rw--- [ anon ]
00007fe0aaa04000       160K r-x--
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libsocket.so
00007fe0aaa2c000      2048K -----
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libsocket.so
00007fe0aac2c000         8K rw---
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libsocket.so
00007fe0aac2e000         4K r-x--
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libbsd_general.so
00007fe0aac2f000      2048K -----
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libbsd_general.so
00007fe0aae2f000         4K rw---
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libbsd_general.so
00007fe0aae30000         8K r-x--
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libbsd_addr_presentation.so
00007fe0aae32000      2048K -----
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libbsd_addr_presentation.so
00007fe0ab032000         4K rw---
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libbsd_addr_presentation.so
00007fe0ab033000        44K r-x--
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libbsd_name_mapping.so
00007fe0ab03e000      2048K -----
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libbsd_name_mapping.so
00007fe0ab23e000         4K rw---
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libbsd_name_mapping.so
00007fe0ab23f000        24K rw--- [ anon ]
00007fe0ab245000        20K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libmalloc_stat.so.0.0.1
00007fe0ab24a000      2048K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libmalloc_stat.so.0.0.1
00007fe0ab44a000         4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libmalloc_stat.so.0.0.1
```



```

00007fe0ab44b000      32K rw---    [ anon ]
00007fe0ab453000    128K r-x--   /lib64/ld-2.12.so
00007fe0ab473000      4K rw-s-   /dev/shm/tmp/syslogd_syslogd
00007fe0ab474000     12K rw-s-   /dev/shmem/ltrace/install/inv_error
00007fe0ab477000     12K rw-s-   /dev/shmem/ltrace/install/inv
00007fe0ab47a000     16K rw-s-   /dev/shmem/ltrace/install/inst_io
00007fe0ab47e000     12K rw-s-   /dev/shmem/ltrace/install/pkg
00007fe0ab481000     12K rw-s-   /dev/shmem/ltrace/install/ifc
00007fe0ab484000     36K rw-s-   /dev/shmem/ltrace/install/instdir_loadpath_error
00007fe0ab48d000     12K rw-s-   /dev/shmem/ltrace/install/instdir_loadpath
00007fe0ab490000     12K rw-s-   /dev/shmem/ltrace/aqsmllib/190/errors
00007fe0ab493000     12K rw-s-   /dev/shmem/ltrace/aqsmllib/190/debug
00007fe0ab496000     12K rw-s-   /dev/shmem/ltrace/aqsmllib/190/api
00007fe0ab499000      4K rw-s-   /dev/shm/dev/shmem/tty_db_pty_map
00007fe0ab49a000      4K rw-s-   /dev/shm/dev/shmem/ship_data_0
00007fe0ab49b000     32K rw-s-   /dev/shmem/ltrace/cdm/190/heap_b1_o846
00007fe0ab4a3000      4K r--s-   /dev/shm/dev/shmem/sysmgr_shmem
00007fe0ab4a4000     12K rw-s-   /dev/shmem/ltrace/cdm/190/repl
00007fe0ab4a7000     12K rw-s-   /dev/shmem/ltrace/cdm/190/heap
00007fe0ab4aa000     12K rw-s-   /dev/shmem/ltrace/cdm/190/errors
00007fe0ab4ad000     12K rw-s-   /dev/shmem/ltrace/cdm/190/api
00007fe0ab4b0000      4K -----   [ anon ]
00007fe0ab4b1000    512K rw---    [ anon ]
00007fe0ab531000      4K -----   [ anon ]
00007fe0ab532000    512K rw---    [ anon ]
00007fe0ab5b2000     12K rw-s-   /dev/shmem/ltrace/lwmlib/1_syslogd/err
00007fe0ab5b5000     12K rw-s-   /dev/shmem/ltrace/lwmlib/1_syslogd/dbg
00007fe0ab5b8000     12K rw-s-   /dev/shmem/ltrace/lwmlib/1_syslogd/api
00007fe0ab5bb000     52K rw-s-   /dev/shmem/ltrace/install/inst_devicemgr_error
00007fe0ab5c8000     16K rw-s-   /dev/shmem/ltrace/install/inst_devicemgr
00007fe0ab5cc000     12K rw-s-   /dev/shmem/ltrace/install/pkg
00007fe0ab5cf000     52K rw-s-   /dev/shmem/ltrace/install/inst_io_error
00007fe0ab5dc000     16K rw-s-   /dev/shmem/ltrace/install/inst_io
00007fe0ab5e0000     96K rw-s-   /dev/shmem/ltrace/install/pkgfs_error
00007fe0ab5f8000     16K rw-s-   /dev/shmem/ltrace/install/pkgfs
00007fe0ab5fc000     36K rw-s-   /dev/shmem/ltrace/install/inst_mem_error
00007fe0ab605000     12K rw-s-   /dev/shmem/ltrace/install/inst_mem
00007fe0ab608000      4K rw-s-   /dev/shm/shm_mutex_monitors
00007fe0ab609000      4K rw-s-   /dev/shm/cdm_db_dir
00007fe0ab60a000      4K rw-s-   /dev/shmem/ltrace/ltrace_global_ctrl
00007fe0ab60b000    412K rw---    [ anon ]
00007fe0ab672000      4K r----   /lib64/ld-2.12.so
00007fe0ab673000      4K rw---   /lib64/ld-2.12.so
00007fe0ab674000      4K rw---    [ anon ]
00007fff6409b000    132K rw---    [ stack ]
00007fff640db000      4K r-x--    [ anon ]
ffffffffffff600000      4K r-x--    [ anon ]
total                2700196K

```

node: node0_RP1_CPU0

No context

RP/0/RP0/CPU0:NCS6008-SJ#

RP/0/RP0/CPU0:NCS6008-SJ#**dir harddisk:**

Wed Feb 19 12:31:10.577 UTC

Directory of /harddisk:/

```

 15 -rwx----- 1      42499 Feb  7  2011 running_backup
 24 -rwxr--r-- 1     5181440 Feb  7 15:33 ncs6k-mpis.pkg-5.0.1
 28 -rw-r--r-- 1     8231199 Feb 19 12:25

```

```

syslogd_2117.by.11.20140219-122529.xr-vm_node0_RP0_CPU0.ddc58.core.gz
21 -rwxr--r-- 1 7874560 Feb 7 14:57 ncs6k-mcast.pkg-5.0.1
16 -rwxr--r-- 1 19387904 Feb 7 2011 NCS6000-iosxr-k9-5.0.0.tar
784897 drwxr-xr-x 2 4096 Jan 5 1970 shutdown
13 -rw-r--r-- 1 10193834 Feb 1 2011
devc-conaux-con_2114.by.11.20110201-123522.xr-vm_node0_RP0_CPU0.8a616.core.gz
22 -rwxr--r-- 1 1515520 Feb 7 14:57 ncs6k-mgbl.pkg-5.0.1
12 -rw-r--r-- 1 49755237 Feb 1 2011
fia_driver_2157.by.6.20110201-062609.xr-vm_node0_0_CPU0.4b965.core.gz
27 -rwx----- 1 3947 Feb 12 13:14 running_config_upgrade_test.txt
2223873 drwxr-xr-x 2 4096 Jan 5 1970 nvram
26 -rwxr--r-- 1 621035520 Feb 10 21:15 ncs6k-usb-boot-5.0.1.zip
25 -rwxr--r-- 1 327680 Feb 10 18:55
ncs6k-sysadmin-5.0.0.CSCul30161-0.0.11.d.smu
18 -rwx----- 1 2079 Feb 17 2011 running-config
19 -rwxr--r-- 1 1720320 Feb 7 14:55 ncs6k-doc.pkg-5.0.1
14 -rwxr--r-- 1 643317760 Feb 4 2011 ncs6k-mini-x.iso
20 -rwxr--r-- 1 3471360 Feb 7 14:56 ncs6k-k9sec.pkg-5.0.1
17 -rwxr--r-- 1 1341440 Feb 7 2011
panini-admin-5.0.90.CSCui84753-0.0.10.d.smu
23 -rwxr--r-- 1 815474688 Feb 7 15:31 ncs6k-mini-x.iso-5.0.1
11 drwx----- 2 16384 Jan 5 1970 lost+found

```

```

RP/0/RP0/CPU0:NCS6008-SJ#dir disk0:/core
Wed Feb 19 12:32:15.252 UTC

```

Directory of /disk0:/core

```

16 -rw-r--r-- 1 87359 Feb 19 12:25
syslogd_2117.by.11.20140219-122529.xr-vm_node0_RP0_CPU0.ddc58.core.txt
19 drwxr-xr-x 2 4096 Feb 19 12:25 .1

```

dll ضرع

قال ط، دي دخت جاح سم cisco NCS 6000 sery ل ج ع جرم رمأ قراد ماظن لا نم مسق [dll ضرع ل](#) ت ل ج 5.0.x ةمول عم ري ثك ل .

تاجر خم ل ي ف تاريخي غت و تاريخي خ ل ي ف تاريخي غت ك انه : صخ لم

عق و مل ل ة ي س اس ال ة مل ك ال ة لازا تم . ط ق ف pid ة ي س اس ال ة مل ك ال م عد متي : لي ص اف ت ل

ي و ن ا ث : ة ي م ال

```

RP/0/RP0/CPU0:NCS6008-A#show dll ?
pid Pid of the process

```

```

RP/0/RP0/CPU0:NCS6008-A#show dll pid ?
<0-4294967295> <pid> of the process

```

```

RP/0/RP1/CPU0:CRS-H#show dll ?
address Display the dllname for a particular address.
dllname Display the pid_info for a particular dllname (virt-path).
jobid job id
location location to display
memory Display only a summary of memory usage.
symbol Static function symbols will NOT work
virtual Displays virtual path.
| Output Modifiers
<cr>

```

show controller fabric

Cisco NCS 6000 سلسلة تاهجومل مازنللا ةرادا رماوا عجرم في [show controller fabric](#) مسق عجار تامولعمل نم ديزم يلعل لوصولل.

ضرعلا رماوا تاملك ريغيغت متي: صخلم

ةفاضل متت. ةيساسال تاملكلل صخلملاو، لاصتالا، ةمزحلا معد ةلازلا متت: ليصافتلا ةياغلل لثامم جتانلل بلغاو. fsdb-aggregation و fsdb-server ةيساسال تاملكلل معدلا

SysAdmin VM. في trace ةيساسال ةمكلا ءانثتساب ضرعلا رماوا لك

يوناث: ةمهال

```
RP/0/RP0/CPU0:NCS6008-A#show controller fabric ?
trace trace information
```

```
sysadmin-vm:0_RP0# show controller fabric ?
Possible completions:
fgid FGID management information
fsdb-aggregator FSDB Aggregator informaiton
fsdb-pla Plane availability status option
fsdb-server FSDB Server information
health Fabric Health
link Fabric link option
plane plane info
sfe Switch Fabric Element option
standby Plane info in standby
| Output modifiers <cr>
```

```
RP/0/RP1/CPU0:CRS-H#show controller fabric ?
barriers Barriers(cisco-support)
block Block Information(cisco-support)
debug show debug utilities(cisco-support)
eio Show eio commands for the Fabricq ASIC(cisco-support)
fabric-backpressure Fabric Backpressure details
health Health(cisco-support)
imdr IMDR (ISSU) upgrade info
link-info Link Information(cisco-support)
queues Queues Information(cisco-support)
statistics Packet Statistics
summary Summary(cisco-support)
```

```
RP/0/RP1/CPU0:CRS-H#admin
```

```
Mon Mar 31 17:36:58.363 EDT
```

```
RP/0/RP1/CPU0:CRS-H(admin)#show controller fabric ?
bundle Fabric bundle option
connectivity Connectivity to fabric option
deferral-info deferral information
fgid FGID management information
fsdb-pla plane availability status option
link Fabric link option
plane Fabric plane option
pod Fabric pod option
rack Rack status option
sfe Switch Fabric Element option
trace Fabric trace option(cisco-support)
tuning Dynamic link tuning option
warm-reload Show fabric warm-reload data(cisco-support)
```

ضرع الة ئيب

ل دي دخت جاحسم ل cisco NCS 6000 sery ل عجرم رمأ ةرادا ماظنل ن م مسق [ئيب ضرع ل](#) تلحأ ةمولعم ريثك.

رم اوأل ةسس الة ةمولكل يف تاريغيغتو تاجرخل يف تاريغيغت كانه: **صخلم**

ةمولكل معد ةفاضا تمت. ةسس الة لودجلا تاملكو تامامصل معد ةلازا متي: **لي صافات ل** ةحريش لك تامولعم تاجرخل ن م ضتت. امامت فل تخم جتان لال. **ةللح الة** ةسس الة.

يوناث: ةمه الة

```
sysadmin-vm:0_RP0# show environment ?
Description: environment data
Possible completions:
all           All environment monitor parameters
current       Current information
fan           Chassis Fans information
power        Power supply voltage and current information
temperatures Temperature information
trace        Debug trace information
voltages     Voltage information
|            Output modifiers
<cr>
```

```
RP/0/RP1/CPU0:CRS-H(admin)#show env ?
all           All environmental monitor parameters
fans          Fans information
last          Last readings of environmental parameters
leds          LEDS on cards
location      Location of a node
power-supply  Power supply voltage and current information
table        Environmental parameter ranges
temperatures Temperature information
trace         Show trace data for environment monitoring
voltages     Voltage information
|            Output Modifiers
<cr>
```

show filesystem

دي دخت جاحسم ل cisco NCS 6000 sery ل عجرم رمأ ةرادا ماظنل ن م مسق [filesystem ضرع ل](#) تلحأ ةمولعم ريثك ل 5.0.x قالطال.

رم اوأل رطس ةهجاو جارخا عم تاراخي ل يف تاريغيغت كانه: **صخلم**

SysAdmin VM. ن رفوتم ريغ رمأ ل. لم عي: **show filesystem disk0:** رمأ ل دع ي مل: **لي صافات ل** NCS 6008 ل ع س ي ل نكل ل CRS ل ع exec و ةرادا ل ع و ن م تامولعم ل س فن رمأ ل ضرع ي.

يوناث: ةمه الة

```
RP/0/RP0/CPU0:NCS6008-A#show filesystem
Tue Feb 10 22:09:42.941 UTC
File Systems:
```

Size(b)	Free(b)	Type	Flags	Prefixes
0	0	network	rw	tftp:
39380996096	39196561408	harddisk	rw	harddisk:
1031311360	1012842496	flash-disk	rw	disk0:

RP/0/RP0/CPU0:NCS6008-A#**show filesystem loc all**

Tue Feb 10 22:10:20.285 UTC

node: node0_4_CPU0

File Systems:

Size(b)	Free(b)	Type	Flags	Prefixes
1031311360	981569536	flash-disk	rw	disk0:

node: node0_RP0_CPU0

File Systems:

Size(b)	Free(b)	Type	Flags	Prefixes
0	0	network	rw	tftp:
39380996096	39196561408	harddisk	rw	harddisk:
1031311360	1012838400	flash-disk	rw	disk0:

RP/0/RP0/CPU0:NCS6008-A#**show filesystem ?**

location specify the location

sysadmin-vm:0_RP0# **show filesystem**

-----^
syntax error: element does not exist

RP/0/RP0/CPU0:CRS-J#**show filesystem**

Mon Nov 25 16:11:36.810 UTC

File Systems:

Size(b)	Free(b)	Type	Flags	Prefixes
-	-	network	rw	qsm/dev/fs/tftp:
-	-	network	rw	qsm/dev/fs/rcp:
-	-	network	rw	qsm/dev/fs/ftp:
11492376576	10348458496	dumper-lnk	rw	qsm/dumper_disk0:
1312817152	1056006144	dumper-lnk	rw	qsm/dumper_disk0a:
16568549376	15307819008	dumper-lnk	rw	qsm/dumper_harddisk:
3051651072	3049283584	dumper-lnk	rw	qsm/dumper_nvmem:
1017208832	1016152064	dumper-lnk	rw	qsm/dumper_nvmem2:
16392388608	16388352512	dumper-lnk	rw	qsm/dumper_harddiska:
1125122048	1124809216	dumper-lnk	rw	qsm/dumper_diskla:
11492376576	9500605440	dumper-lnk	rw	qsm/dumper_diskl1:
11492376576	10348458496	flash-disk	rw	disk0:
11492376576	9500605440	flash-disk	rw	diskl1:
16568549376	15307819008	harddisk	rw	harddisk:
16392388608	16388352512	harddisk	rw	harddiska:
1312817152	1056006144	flash-disk	rw	disk0a:
1125122048	1124809216	flash-disk	rw	diskla:
1043456	998400	nvram	rw	nvram:
3051651072	3049283584		rw	nvmem:
1017208832	1016152064		rw	nvmem2:

RP/0/RP0/CPU0:CRS-J(admin)#**show filesystem**

Mon Nov 25 16:14:24.159 UTC

File Systems:

Size(b)	Free(b)	Type	Flags	Prefixes
-	-	network	rw	qsm/dev/fs/tftp:
-	-	network	rw	qsm/dev/fs/rcp:
-	-	network	rw	qsm/dev/fs/ftp:
11492376576	10348458496	dumper-lnk	rw	qsm/dumper_disk0:
1312817152	1056006144	dumper-lnk	rw	qsm/dumper_disk0a:
16568549376	15307819008	dumper-lnk	rw	qsm/dumper_harddisk:
3051651072	3049283584	dumper-lnk	rw	qsm/dumper_nvmem:
1017208832	1016152064	dumper-lnk	rw	qsm/dumper_nvmem2:
16392388608	16388352512	dumper-lnk	rw	qsm/dumper_harddiska:
1125122048	1124809216	dumper-lnk	rw	qsm/dumper_diskla:
11492376576	9500605440	dumper-lnk	rw	qsm/dumper_disk1:
11492376576	10348458496	flash-disk	rw	disk0:
11492376576	9500605440	flash-disk	rw	disk1:
16568549376	15307819008	harddisk	rw	harddisk:
16392388608	16388352512	harddisk	rw	harddiska:
1312817152	1056006144	flash-disk	rw	disk0a:
1125122048	1124809216	flash-disk	rw	diskla:
1043456	998400	nvr	rw	nvr:
3051651072	3049283584		rw	nvmem:
1017208832	1016152064		rw	nvmem2:

RP/0/RP0/CPU0:CRS-J(admin)#show filesystem ?

```
bootflash: Show bootflash FFS3 file system information
configflash: Show configflash file system information
disk0: Show device information
disk1: Show device information
disk2: Show device information
harddisk: Show device information
lcdisk0: Show device information
lcdisk0a: Show device information
location specify the location
```

RP/0/RP0/CPU0:CRS-J(admin)#show filesystem disk0:

Mon Nov 25 16:15:10.110 UTC

```
Model: SMART iSATA
Serial Number: SMART iSATA 111110E984
Firmware: 20101203
BIOS Geometry: 16 Heads, 63 Sectors
Drive Geometry: 16 Heads, 16383 Tracks, 63 Sectors
Drive Capacity: 16514064 Cur Sctrs, 16514064 User Sctrs, Extd
Address Mode: LBA
PIO mode: 0
Multimode Blocks/Transfer: 32769
```

Capacity: 59071696 Sectors, Total 30244708352 Bytes, (512 Bytes/sector)

تثبيت الراهظ

لوصح ل Cisco NCS 6000 ةلسلس تاهجومل ماطنل ةراد رماو عجرم نم [show install](#) مسق عجار تامولعمل نم دي زم يل ع

تاجرخلما تاريغيغت عم ةيساسأل ةملكل راخي في تاريغيغت كانه: صخلم

ةملكل معدلازا تمت. ريضحتل او عدوتسمل تاملكل معدلا فاضا متي: لي صافاتلا صخلمل ةيساسأل.

يسيئر: ةمهال

```
RP/0/RP0/CPU0:NCS6008-A#show install ?
active      Show active package(s) installed
inactive    Show inactive package(s) information
log         Show log file
package     Show information for package(s) in repository
prepare     Show prepared package(s) ready for activation
repository  Show SDR software repository
request     Show current request
which       Show information about an installed file
```

```
RP/0/RP1/CPU0:CRS-H#show install ?
active      Show the active package information
audit       Audit installed packages
auto-abort-timer Show auto-abort-timer value
boot-options Show boot options
committed   Show the committed package information
compression Show Install File Compression information(cisco-support)
events      Show key events from the install history
inactive    Show inactive package information
log         Show log file
package     Name of the package
pie-info    Show information in a PIE file
request     Show current request
rollback    Show package information for a rollback point
summary     Show summary information
superseded  Show superseded packages
which       Show the origin of a named process, component or package
```

نوزخمل راهظا

Cisco NCS 6000 ةلسلس تاهجومل ماظنلا ةرادا رماوا عجرم نم [show inventory](#) مسق عجار تامولعمل نم ديزم لعل لوصحلل.

ةسسألا ةملكلل تاريغت عم تاجرخمل في تاريغت كانه: صخلم

رخألا فيئاظول او ضرعل تاشاش مظعم. **trace** ةسسألا ةملكلل معد ةلازا تمت: ليصافتلا اهسفن يه.

في ةلثامم تاجرخم ضرعي و SysAdmin VM أو XR VM نم **show inventory** رمالا ليغشت نكمي ةلسلسلستلا ماقرال او PIDs تافرم XR VM في نوزخمل جارج | ضرع ضرعي. نيزاهجال الك دنع تامولعمل هذه نيمضت متي الامنيب، روطسال تامالعي في ةتبثم ةيرصب لم اوعل SysAdmin VM نم ليغشتلا.

يسيئر: ةمهالا

```
RP/0/RP0/CPU0:NCS6008-A#show inventory ?
WORD Partially qualified location specification
all Inventory information for all the physical entities
location Location of node for inventory
oid oid information
raw raw information
| Output Modifiers
<cr>
```

```
sysadmin-vm:0_RP0# show inventory ?
Possible completions:
all Get all FRU info
chassis Get chassis info
```

```
fan Get Fan info
location Select node location
power Get Power info
raw Get all entity info
| Output modifiers
<cr>
```

طئاسولأ راهظأ

5.0.x رادصلأ، Cisco NCS 6000 ةلسلس هوجل ماطنلأ ةرادأ رمأ عجرم نم [show media](#) مسق عجار تامولعمل نم ديزم ىلع لوصحلل.

CLI تاجرخم تاريغت كانه :صخلم

مسق **rootfs:** مسقلا لثم ي. NCS 6000 ىلع ديهمتلا صرقك مدختسم ريغ **Disk0:** لىصافتلا SysAdmin ل 2.9G و XR VM ل 3.9 G وه ديهمتلا مسق SysAdmin VMs و XR نم لك ديهمتلا ةركاذب دوزم صارقأ كرحم نم (VM) يضا رتفا زاغ لك مسقلا :نپوانعلا تحن متي. ءاشنإ متي. هيجوتلا جلاع م ىلع دوجوم تيابا جي 32 ةعس (SSD) ةبلص تانوكم نم ةعونصم نم ةعونصم ةركاذب دوزم صارقأ كرحم نم (VM) يضا رتفا زاغ لك مسقلا :تباثلا صرقلا هيجوتلا جلاع م ىلع تيابا جي 200 ةعس (SSD) ةبلص تانوكم.

يسيسئر :ةيمهالا

```
RP/0/RP0/CPU0:NCS6008-A#show media
Mon Mar 31 14:25:38.992 UTC
```

Media Information for local node.

Partition	Size	Used	Percent	Avail
rootfs:	3.9G	746M	20%	3.0G
log:	485M	25M	6%	436M
config:	485M	17M	4%	443M
disk0:	984M	18M	2%	916M
harddisk:	37G	1.7G	5%	34G

```
rootfs: = root file system (read-only)
log: = system log files (read-only)
config: = configuration storage (read-only)
```

```
RP/0/RP0/CPU0:NCS6008-A#show media loc 0/3/cpu0
Mon Mar 31 14:51:44.648 UTC
```

Media Information for node0_3_CPU0.

Partition	Size	Used	Percent	Avail
rootfs:	3.9G	745M	20%	3.0G
log:	485M	21M	5%	439M
config:	485M	17M	4%	444M
disk0:	984M	52M	6%	883M

```
rootfs: = root file system (read-only)
log: = system log files (read-only)
config: = configuration storage (read-only)
```

```
RP/0/RP0/CPU0:NCS6008-A#admin
```


Mon Mar 31 14:26:24.575 UTC

lab connected from 127.0.0.1 using console on xr-vm_node0_RP0_CPU0
sysadmin-vm:0_RP0# sh media

Mon Mar 31 14:26:31.960 UTC

```
-----  
Partition                Size      Used  Percent  Avail  
-----  
rootfs:                  2.9G     485M    18%     2.3G  
log:                     494M      63M    14%     406M  
config:                  494M      24M     6%     445M  
disk0:                   965M      18M     2%     899M  
harddisk:                37G     956M     3%      34G  
-----
```

rootfs: = root file system (read-only)
log: = system log files (read-only)
config: = configuration storage (read-only)

RP/0/RP0/CPU0:CRS-K#show media

Sun Mar 30 21:31:30.784 UTC

Media Information for 0/RP0/CPU0.

Mountpoint	Image FsType	Current FsType	Part Size	State	DrvrPid	Mirror	Flags
/disk0:	QNX4	QNX4	10.0G	Mounted	0036891	Enabled	
/disk0a:	QNX4	QNX4	1.1G	Mounted	0036891		
/harddiska:	QNX4	QNX4	14.2G	Mounted	0036891		
/disk1:	QNX4	QNX4	10.0G	Mounted	0036891		
/disk1a:	QNX4	QNX4	1.0G	Mounted	0036891		
/harddisk:	QNX4	QNX4	14.4G	Mounted	0036891		
/nvmmem:	FAT32	FAT32	2.8G	Mounted	0032789		
/nvmmem2:	FAT32	FAT32	0.9G	Mounted	0032789		
/disk2:	FAT32	(?)		Not Present			
/lcdisk0:	FAT32	(?)		Not Present			
/lcdisk0a:	FAT32	(?)					

Output Truncated to size 1023

ةركاذلا راهظا

ديدخت جاحسم Cisco NCS 6000 sery ل جرحم رمأ ةرادا ماظنلا نم مسق [ةركاذ ضرعلا](#) تلحأ،
ةمولعم ريثك ل 5.0.x قالطا.

CLI تاجرحم عم تاراخي تاريخي غت كانه: صخلم

كانه، كلذل ةجيتنو. NCS 6008 مادختساب ريبك لكشب ةركاذلا ةينب ريغتت: ليصافتلا
رمأ CLI ل show memory رمألا نم (CLI) رمأوالا رطس ةهجاو جارجا ل تاريخي غتلا نم ديدعلا
يوناث نوكي ريغت.

يوناث: ةيمهالا

```
RP/0/RP0/CPU0:NCS6008-A#show memory ?  
<0-4294967295> pid  
compare      Create and compare memory snapshots  
heap         Show process heap.  
location     location to display  
summary      Display only a summary of memory usage.
```

RP/0/RP0/CPU0:NCS6008-A#show memory summ

Sat Jan 31 23:42:43.354 UTC

Physical Memory: 11838M total (8707M available)
Application Memory : 11838M (8707M available)
Image: 4M (bootram: 0M)
Reserved: 0M, IOMem: 0M, flashfsys: 0M

sysadmin-vm:0_RP0# **show memory summ**

Sat Jan 31 23:44:12.805 UTC

Sat Jan 31 23:44:12 UTC 1970

Physical Memory: 1905 MB total (781 MB available)

RP/0/RP0/CPU0:CRS-J#**show memory ?**

<0-4294967295> job id
compare Create and compare memory snapshots
heap Show process heap.
location location to display
summary Display only a summary of memory usage.

RP/0/RP0/CPU0:CRS-J#**show mem summ**

Fri Nov 15 17:42:47.525 UTC

Physical Memory: 12288M total (10223M available)
Application Memory : 11896M (10223M available)
Image: 71M (bootram: 71M)
Reserved: 256M, IOMem: 64K, flashfsys: 0
Total shared window: 28M

RP/0/RP0/CPU0:CRS-J(admin)#**show mem summ**

Fri Nov 15 17:44:04.400 UTC

Physical Memory: 12288M total (10221M available)
Application Memory : 11896M (10221M available)
Image: 71M (bootram: 71M)
Reserved: 256M, IOMem: 64K, flashfsys: 0
Total shared window: 28M

تايل لمعلا راهظا

ديدخت جاحسم cisco NCS 6000 sery ل ل عجرم رمأ قراذا ماظنلا نم مسق [قيلمع ضرعلا](#) تلحأ ةمولعم ريثك ل 5.0.x قالظا

تارايل ضعب تاجرخم يف اضياؤة موعدملا تارايل خال يف ةطي سب تاريي غت كانه : صخلم

ةدمت عم **show pidin** ةي ساسأل ةم لك ل دعتم ل : لي صافاتلا

يوناث : ةيمهالا

RP/0/RP0/CPU0:NCS6008-SJ#**show processes ?**

<0-4294967295> job id
WORD Name of the executable
aborts Show process aborts
all Show process data for all processes
blocked Show file and channel use per process
boot Show process boot info
boot-stalled Show process boot-up blocked
cpu Show CPU use per process new
distribution Show distribution of processes
dynamic Show process data for dynamically created processes
failover Show process failover info

```

family          Show process family information.
files           Show file and channel use per process
location        location to display
log             Show process log
mandatory       Show process data for mandatory processes
memory          Show process memory information.
searchpath      Show the search path
signal          Show signal use for processes.
startup         Show process data for processes created at startup
threadname      Show thread names.
|              Output Modifiers
<cr>

```

```
RP/0/RP0/CPU0:CRS-J#show process ?
```

```

<0-4294967295>  job id
WORD            Name of the executable
aborts          Show process aborts
all             Show process data for all processes
blocked         Show detail for reply/send/mutex blocked processes.
boot            Show process boot info
boot-stalled    Show process boot-up blocked
cpu             Show CPU use per process
distribution     Show distribution of processes
dynamic         Show process data for dynamically created processes
failover        Show process failover info
family          Show process family information.
files           Show file and channel use per process
location        location to display
log             Show process log
mandatory       Show process data for mandatory processes
memory          Show memory use per process
pidin          Show processes using QNX pidin command
searchpath      Show the search path
signal          Show signal use for processes.
startup         Show process data for processes created at startup
threadname      Show thread names.

```

ي اساسأل ماظنلأ راهظإ

Cisco NCS 6000 ةلسلس تاهجومل ماظنلأ ةرادإ رمأوأ عجرم نم [show platform مسق](#) عجار تامولعمل نم ديزم ىلع لوصحلل.

تاجرخلال في تاريخيغتو ةيساسألأ ةملكلل ةيفاضا تاراخي كانه: صخلم

SysAdmin VM وأ XR نم **show platform** رملأل ليغشت نكمي: ليصافتل

XR VM: ةيساسألأ ةملكلل معد ةفاضإ تمت

ال وه امنيب، XR VM ل نم ةقاطلأ ةدحوو ةحورملاو ةينبلا تامولعمل رملأل ضرعي، NCS 6000 في XR في تانوكمل نم عاونألأ هذه لوح تامولعمل ىلع لوصحلل. يديلقتل XR في ضرعي لوؤسملأ عضو نم رملأل ليغشت بجي، يكييساللكل

ةلاحل لوح ةيفاضا تامولعمل ريفوتل **detail** ةيساسألأ ةملكلل ةفاضإ تمت **SysAdmin VM**: جئارشلا ةيساسألأ ةملكلل معد ةفاضإ متي. ماظنلأ في ةدقعل ديهمتل تامولعملو

يسيسيئر: ةيمهألأ

```
RP/0/RP0/CPU0:NCS6008-A#show platform
```

Mon Mar 31 21:28:58.255 UTC

Node name	Node type	Node state	Admin state	Config state
0/3	NC6-10X100G-M-P	OPERATIONAL	UP	NSHUT
0/3/NPU0	Slice	UP	UP	
0/3/NPU1	Slice	UP	UP	
0/3/NPU2	Slice	UP	UP	
0/3/NPU3	Slice	UP	UP	
0/3/NPU4	Slice	UP	UP	
0/4	NC6-10X100G-L-K	OPERATIONAL	UP	NSHUT
0/4/NPU0	Slice	UP	UP	
0/4/NPU1	Slice	UP	UP	
0/4/NPU2	Slice	UP	UP	
0/4/NPU3	Slice	UP	UP	
0/4/NPU4	Slice	UP	UP	
0/RP0	NC6-RP	OPERATIONAL	UP	NSHUT
0/RP1	NC6-RP	OPERATIONAL	UP	NSHUT
0/FC0	NC6-FC	OPERATIONAL	UP	NSHUT
0/FC1	NC6-FC	OPERATIONAL	UP	NSHUT
0/FC2	NC6-FC	OPERATIONAL	UP	NSHUT
0/FC3	NC6-FC	OPERATIONAL	UP	NSHUT
0/FC4	NC6-FC	OPERATIONAL	UP	NSHUT
0/FC5	NC6-FC	OPERATIONAL	UP	NSHUT
0/FT0	NC6-FANTRAY	OPERATIONAL	UP	NSHUT
0/FT1	NC6-FANTRAY	OPERATIONAL	UP	NSHUT
0/PT0	NCS-AC-PWRTRAY	OPERATIONAL	UP	NSHUT
0/PT1	NCS-AC-PWRTRAY	OPERATIONAL	UP	NSHUT
0/PT2	NCS-AC-PWRTRAY	OPERATIONAL	UP	NSHUT
0/PT3	NCS-AC-PWRTRAY	OPERATIONAL	UP	NSHUT
0/PT4	NCS-AC-PWRTRAY	OPERATIONAL	UP	NSHUT
0/PT5	NCS-AC-PWRTRAY	OPERATIONAL	UP	NSHUT

RP/0/RP0/CPU0:NCS6008-A#show platform vm

Mon Mar 31 21:26:11.922 UTC

Node name	Node type	Partner name	SW status	IP address
0/4/CPU0	LC (ACTIVE)	NONE	FINAL Band	192.0.80.3
0/3/CPU0	LC (ACTIVE)	NONE	FINAL Band	192.0.76.3
0/RP0/CPU0	RP (ACTIVE)	0/RP1/CPU0	FINAL Band	192.0.0.4
0/RP1/CPU0	RP (STANDBY)	0/RP0/CPU0	FINAL Band	192.0.4.4

sysadmin-vm:0_RP0# show platform ?

Description: Show platform node information

Possible completions:

detail Show details of node type and state

location Location of node to show; omit to show all locations

slices Show summary of node forwarding slices

| Output modifiers

<cr>

sysadmin-vm:0_RP0# show platform

Mon Mar 31 21:32:14.929 UTC

Location	Card Type	HW State	SW State	Config State
0/RP0	NC6-RP	OPERATIONAL	OPERATIONAL	NSHUT
0/RP1	NC6-RP	OPERATIONAL	OPERATIONAL	NSHUT
0/FC0	NC6-FC	OPERATIONAL	N/A	NSHUT
0/FC1	NC6-FC	OPERATIONAL	N/A	NSHUT
0/FC2	NC6-FC	OPERATIONAL	N/A	NSHUT
0/FC3	NC6-FC	OPERATIONAL	N/A	NSHUT
0/FC4	NC6-FC	OPERATIONAL	N/A	NSHUT
0/FC5	NC6-FC	OPERATIONAL	N/A	NSHUT

0/FT0	NC6-FANTRAY	OPERATIONAL	N/A	NSHUT
0/FT1	NC6-FANTRAY	OPERATIONAL	N/A	NSHUT
0/3	NC6-10X100G-M-P	OPERATIONAL	OPERATIONAL	NSHUT
0/4	NC6-10X100G-L-K	OPERATIONAL	OPERATIONAL	NSHUT
0/PT0	NCS-AC-PWRTRAY	OPERATIONAL	N/A	NSHUT
0/PT1	NCS-AC-PWRTRAY	OPERATIONAL	N/A	NSHUT
0/PT2	NCS-AC-PWRTRAY	OPERATIONAL	N/A	NSHUT
0/PT3	NCS-AC-PWRTRAY	OPERATIONAL	N/A	NSHUT
0/PT4	NCS-AC-PWRTRAY	OPERATIONAL	N/A	NSHUT
0/PT5	NCS-AC-PWRTRAY	OPERATIONAL	N/A	NSHUT

sysadmin-vm:0_RP0# **show platform slices**

Mon Mar 31 21:29:29.852 UTC

Location	Slice Num	Admin State	Oper State
0/3	0	UP	UP
	1	UP	UP
	2	UP	UP
	3	UP	UP
	4	UP	UP
0/4	0	UP	UP
	1	UP	UP
	2	UP	UP
	3	UP	UP
	4	UP	UP

sysadmin-vm:0_RP0# **show platform detail loc 0/4/cpu0**

Sun Feb 1 03:09:15.363 UTC

Platform Information for 0/4/cpu0

PID : NC6-10X100G-M-P

Description : "NCS 6000 10x100G Multi-Service CXP"

VID/SN : V01

HW Oper State : OPERATIONAL

SW Oper State : OPERATIONAL

Configuration : "NSHUT RST"

HW Version : 0.6

Last Event : HW_EVENT_OK

Last Event Reason : "Initial discovered state:BOOTED (card ok)"

RP/0/RP1/CPU0:CRS-H#**show platform**

Mon Mar 31 17:21:18.956 EDT

Node	Type	PLIM	State	Config State
0/0/CPU0	MSC-140G	14-10GbE	IOS XR RUN	PWR,NSHUT,MON
0/4/CPU0	MSC-140G	1-100GbE	IOS XR RUN	PWR,NSHUT,MON
0/RP0/CPU0	RP(Standby)	N/A	IOS XR RUN	PWR,NSHUT,MON
0/RP1/CPU0	RP(Active)	N/A	IOS XR RUN	PWR,NSHUT,MON
1/2/CPU0	MSC-140G	N/A	IN-RESET	PWR,NSHUT,MON
1/3/CPU0	MSC	Jacket Card	IOS XR RUN	PWR,NSHUT,MON
1/3/1	MSC(SPA)	8X1GE	OK	PWR,NSHUT,MON
1/4/CPU0	MSC	10C768-POS	IOS XR RUN	PWR,NSHUT,MON
1/5/CPU0	FP-140G	4-40GbE-OTN	IOS XR RUN	PWR,NSHUT,MON
1/8/CPU0	MSC	Jacket Card	IOS XR RUN	PWR,NSHUT,MON
1/8/1	MSC(SPA)	4XOC3-POS-V2	OK	PWR,NSHUT,MON
1/9/CPU0	MSC	10C768-DWDM	IOS XR RUN	PWR,NSHUT,MON
1/RP0/CPU0	RP(Active)	N/A	IOS XR RUN	PWR,NSHUT,MON
1/RP1/CPU0	RP(Standby)	N/A	IOS XR RUN	PWR,NSHUT,MON

RP/0/RP1/CPU0:CRS-H#**show platform ?**

```
WORD Partially qualified location specification
drops Forwarding drops
| Output Modifiers
<cr>
```

ليغش التل ةداع | راهظ |

NG-XR. في **show reboot** رمأل ريغ ت مت ، SysAdmin VM و XR VM لصف ل ارظن :صخلم

لكل XR VM ب ةصاخ ل ليغش التل ةداع | تاظوف حم ضرع كنكمي ، XR VM ل تحت :ليصافات ل ةطشن RP / طوطخ ةق اطب

طخ لكل SysAdmin VM ب ةصاخ ل ليغش التل ةداع | تاظوف حم ضرع كنكمي ، SysAdmin VM تحت / RP هسفن linecard / RP ب ةصاخ ل ليغش التل ةداع | تاظوف حم ل ةفاض ل اب ، طشن RP (هنأ ركذت) .(ةلعل طخال ةق اطب ليحت ةداع | نودب SysAdmin VM ديهمت ةداع | كنكمي

يوناث :ةيمهألا

```
RP/0/RP0/CPU0:NCS#show reboot ?
  history  Display reboot history of node
RP/0/RP0/CPU0:TLAB97-NCS1#
RP/0/RP0/CPU0:TLAB97-NCS1#
RP/0/RP0/CPU0:TLAB97-NCS1#admin
Wed Dec 11 03:37:51.036 EST
```

```
admin connected from 127.0.0.1 using console on xr-vm_node0_RP0_CPU0
sysadmin-vm:0_RP1# show reboot ?
Description: Show reboot history events
Possible completions:
admin-vm  Admin VM reboot history
card      Card reboot history
reverse   Show reboot history in reverse order
|         Output modifiers
<cr>
```

show sdr-invmgr

XR + Sysadmin VM. في اثيديح هتفاض | تمت رمأ اذه :صخلم

ديديج ي تايللمع كولس اذهل :ليصافات ل

يسيريئر :ةيمهألا

ينفل م عدل | راهظ |

رمأل ةيساسأل ةم لك ل تاراخي تاريغيغت مادختساب تاجرخل م لي تاريغيغت كانه :صخلم

NCS 6000: في هذه ينفل م عدل تاملك معد ةلازا متت :ليصافات ل

- Aipcproxy
- ATM
- لزنم ل اب ل اصتال
- كلدش
- config-group
- م كحت ل تادحو
- ريفشت
- وي باف

- تاراطالال ليحرت
- ارفنيبا
- ننسم
- بيوا
- سيساسالماظنل
- علض
- SVD
- رغمسيس
- tunnel-ip

NCS 6000: ىلع ينفال معدلل ةيساسال تاملكل اذه لوؤسملا عضو معد ةلازا متت

- كيسا
- مزحل
- cfgmgr
- Control-Ethernet
- صيخشيت
- DSC
- سيا
- يحيص صحف
- رغمن
- وسيا
- صيخرتل
- ننسم
- nrs
- PCIE ةحتف
- رغمفلش
- sysdb
- رغمسيس

ىلع سيل نكلو، NCS 6008 ىلع **show tech-support** ةيساسال تاملكل اذه معدل رفوتي CRS:

- ةينبال - ف XR VM ىلع NCS 6008
- تپكر - ف XR VM ىلع NCS 6008
- LWM - ف XR VM ىلع NCS 6008
- NPU - ف XR VM ىلع NCS 6008
- ProcessMGR - ف XR VM ىلع NCS 6008
- RDM - ف XR VM ىلع NCS 6008
- SDR-invmgr - ف XR VM ىلع NCS 6008

ىلع سيل نكلو، NCS 6000 ىلع ةيساسال SysAdmin VM **show tech-support** تاملكل معدل رفوتي CRS:

- alarm_mgr
- لكال
- يسيس
- تونت
- نومفن
- يسيلوب نيروف

- ل ف ب و أ
- ر ت م و ك ي ب
- sdr_mgr
- shelf_mgr
- SLICE_MANAGER
- syslog

يوناث: ةيمهالا

RP/0/RP0/CPU0:NCS#show tech-support ?

```

access-lists      Output show commands of interest for access-lists debugging
aps               Output show commands of interest for APS debugging
arp              Output show commands of interest for ARP debugging
bcdl             Output show commands of interest for bcdl debugging
bcdlv2          Output show commands of interest for bcdlv2 debugging
bundles         Output show commands of interest for bundle debugging
cef             CEF tech-support information
cef             Output show commands of interest for CEF debugging
cfgmgr          cfgmgr tech-support information
chkpt           Gather information required to debug checkpoint
cpuctrl        cpuctrl tech-support
dhcp            DHCP tech-support
eem             Show eem information for tech-support
ema             Output show commands of interest for ema debugging
ethernet        Output show commands of interest for ethernet debugging
fabric          fabric tech support information
file            Specify a valid file name (e.g. disk0:tmp.log)
gsp            gsp tech-support information
hsrp           Output show commands of interest for HSRP debugging
install        Gather all the information about Install for tech-support
iphc           Output show commands of interest for iphc debugging
l2tp           Output show commands for L2TP tech-support
l2vpn          Output show commands for L2VPN debugging
location       Specify a location
lpts           show tech-support output for LPTS
lwm            Gather all the information about the Light Weight Messagat (LWM)
mpls           Output show commands of interest for MPLS debugging
multicast      Show multicast related information
multilink      show tech-support output for multilink
netflow        Output show commands of interest for Netflow debugging
npu            npu tech-support
nrs            NRS tech-support information
p2p-ipc        aipc show tech-support output
parser         Parser show tech-support output for debugging
password       Include password in output
performance-mgmt Performance management show tech-support output
pfi           Collect PFI related information and save to disk
placed        Gather all the information about the Placement Daemon (Placed)
pos           Output show commands of interest for pos debugging
ppp           Output show commands of interest for ppp debugging
processmgr     Gather all the information about the Process Manager (ProcessMgr)
protection-notif Collect fast traffic protection information and save to disk
qos           Collect QOS related information and save to disk
rack          Show list of racks
radius        Output show commands of interest for radius debugging
rcmd          RCMD show tech-support output
rdm           rdm tech-support
rdsfs         Gather lots of information about RDSFS
rib           Show IP RIB related information

```


routing	Routing show tech-support output
rsi	show tech-support output for RSI (Router Space Infrastructure)
sanitized	Sanitized configuration in output
sdr-invmgr	Spawn parallel show tech-support - use only if directed
serial	Output show commands of interest for serial debugging
services	Show tech-support information relating to services
snmp	SNMP tech-support information
spa	Gather information about SPA
spp	Output show commands of interest for SPP debugging
srlg	show tech-support output for SRLG (Shared Risk Link Group)
ssm	Service State Monitoring (SSM) tech-support information
statsd	Output show commands of use for statistics debugging
sysdb	System Database (SysDB) tech-support information
tcp	TCP supported trace and debugging
tunnel-template	Output show commands of interest for tunnel-template debugging
vrrp	Output show commands of interest for VRRP debugging
xos	Gather information about Cross-OS Services
<cr>	

RP/0/RP0/CPU0:NCS#**admin**

Sat Mar 12 23:45:23.763 UTC

cisco connected from 127.0.0.1 using console on xr-vm_node0_RP0_CPU0

sysadmin-vm:0_RP0# **show tech-support ?**

Possible completions:

alarm_mgr	Show tech of alarm_mgr process
all	Show tech of entire node
ccc	Show tech of ccc_driver process
confd	show debug information for confd
control-ethernet	Show tech of control ethernet subsystem
envmon	Show tech of envmon process
fabric	Show tech of fabric component
fpd	Show tech of fpd process
install	show debug information for install
obfl	Show tech of obfl process
pm	Show tech of pm process
sdr_mgr	Show tech of sdr_mgr process
shelf_mgr	Show tech of shelf_mgr process
slice_manager	Show tech of slice_manager process
syslog	Show tech of syslog process

RP/0/RP0/CPU0:CRS#**show tech-support ?**

access-lists	Output show commands of interest for access-lists debugging
(cisco-support)	
aipcproxy	Gather lots of information about aipc_proxy
(cisco-support)	
aps	Output show commands of interest for APS debugging
arp	Output show commands of interest for ARP debugging
(cisco-support)	
atm	Output show commands of interest for atm debugging
(cisco-support)	
bcdl	Output show commands of interest for bcdl debugging
bcdlv2	Output show commands of interest for bcdlv2 debugging
(cisco-support)	
bundles	Output show commands of interest for bundle debugging
(cisco-support)	
call-home	Show call-home information for tech-support
cef	CEF tech-support information(cisco-support)
cef	Output show commands of interest for CEF debugging
cfgmgr	cfgmgr tech-support information(cisco-support)
chdlc	Output show commands of interest for chdlc debugging
(cisco-support)	
chkpt	Gather information required to debug checkpoint

```

(cisco-support)
config-group      Config Group tech-support information(cisco-support)
controllers      Show tech-support information for controllers(cisco-support)
cpuctrl          cpuctrl tech-support(cisco-support)
crypto           CRYPTO show tech-support output
dhcp            DHCP tech-support(cisco-support)
eem             Show eem information for tech-support
ethernet        Ethernet show tech commands(cisco-support)
ethernet        Output show commands of interest for ethernet debugging
(cisco-support)
fabio           fabio tech-support(cisco-support)
file            Specify a valid file name (e.g. disk0:tmp.log)
frame-relay     Output show commands of interest for Frame-Relay debugging
(cisco-support)
gsp            gsp tech-support information
hsrp           Output show commands of interest for HSRP debugging
(cisco-support)
iphc           Output show commands of interest for iphc debugging
ipinfra        Output show commands of interest for ip-infra debugging
(cisco-support)
l2tp           Output show commands for L2TP tech-support(cisco-support)
l2vpn         Output show commands for L2VPN debugging(cisco-support)
location       Specify a location(cisco-support)
lpts          show tech-support output for LPTS
lrd           Output show commands of interest for lrd debugging
(cisco-support)
mpls          Output show commands of interest for MPLS debugging
(cisco-support)
multicast      Show multicast related information
multilink     show tech-support output for multilink(cisco-support)
netflow       Output show commands of interest for Netflow debugging
(cisco-support)
nrs           NRS tech-support information
onep         Collect ONEP related information and save to disk
(cisco-support)
p2p-ipc       aipc show tech-support output
parser        Parser show tech-support output for debugging
(cisco-support)
password      Include password in output
performance-mgmt Performance management show tech-support output(cisco-support)
pfi          Collect PFI related information and save to disk(cisco-support)
placed       Gather all the information about the Placement Daemon (Placed)
platform     show tech-support platform output(cisco-support)
pos          Output show commands of interest for pos debugging
(cisco-support)
ppp          Output show commands of interest for ppp debugging
(cisco-support)
protection-notif Collect fast traffic protection information and save to disk
(cisco-support)
qos          Collect QOS related information and save to disk(cisco-support)
rack        Show list of racks(cisco-support)
radius      Output show commands of interest for radius debugging
(cisco-support)
rcmd        RCMD show tech-support output
rdsfs      Gather lots of information about RDSFS(cisco-support)
rib        Show IP RIB related information(cisco-support)
routing     Routing show tech-support output
rsi        show tech-support output for RSI (Router Space Infrastructure)
(cisco-support)
sanitized   Sanitized configuration in output
satellite   Collect Satellite related information and save to disk
(cisco-support)
serial      Output show commands of interest for serial debugging

```

```

(cisco-support)
services          Show tech-support information relating to services
(cisco-support)
snmp              SNMP tech-support information(cisco-support)
spa              Gather information about SPA
spaipc           Output show commands of interest for spaipc debugging
(cisco-support)
span             Collect tech-support information for the SPAN feature
(cisco-support)
spio             Collect SPIO information and save to disk(cisco-support)
spp             Output show commands of interest for SPP debugging
(cisco-support)
srlg            show tech-support output for SRLG (Shared Risk Link Group)
(cisco-support)
ssm             Service State Monitoring (SSM) tech-support information
statsd          Output show commands of use for statistics debugging
(cisco-support)
svd             show tech-support output for svd(cisco-support)
sysdb           System Database (SysDB) tech-support information(cisco-support)
sysmgr         Gather all the information about the System Manager (SysMgr)
tcp            TCP supported trace and debugging
tty           TTY tech-support information(cisco-support)
tunnel-ip      Output show commands of interest for GRE/IPinIP(cisco-support)
tunnel-template Output show commands of interest for tunnel-template debugging
vrrp          Output show commands of interest for VRRP debugging
(cisco-support)
xos            Gather information about Cross-OS Services
<cr>

```

RP/0/RP0/CPU0:CRS#**admin**

RP/0/RP0/CPU0:CRS(admin)#**show tech-support ?**

```

asic            Run asic snapshot script
bundles        Output show commands of interest for bundle debugging
(cisco-support)
cctl           Spawn parallel show tech-support - use only if directed
cfgmgr        cfgmgr tech-support information(cisco-support)
control-ethernet Output show commands of interest for control-ethernet debugging
diagnostics   Output show commands of interest for diagnostics debugging
dsc           DSC tech-support for troubleshooting
ees           Show EES snapshot information for tech-support
fabric        Output of show tech-support from fabric debugging
file          Specify a valid file name (e.g. disk0:tmp.log)
gsp           gsp tech-support information
health-check  Run health check script
install       Write install information for tech-support to a file
invmgr       Spawn parallel show tech-support - use only if directed
issu         Write ISSU information for tech-support to a file
license       Show license information for tech-support
location     Specify a location
lrd          LRd tech-support information
media        Write media information for tech-support to a file
nrs          NRS tech-support information
password     Include password in output
pcie         Output show commands of interest for pcie debugging
pm           Output show commands of interest for power-management debugging
rack         Show list of racks
sanitized    Sanitized configuration in output
shelfmgr     Spawn parallel show tech-support - use only if directed
sysdb        System Database (SysDB) tech-support information
sysdb-config-grp System Database (SysDB) Config Group tech-support information
sysmgr       Gather all the information about the System Manager (SysMgr)
<cr>

```

show version

ل دي دخت جاحسم Cisco NCS 6000 sery ل ل عجرم رمأ ةرادا ماظنلا نم مسق [قغيص ضرعلا](#) تلحاً ةمولعم ريثك.

تاجرمل ي ف ةيساسأ تاريغيغت كانه: **صخلم**.

ماظن لكيه فال تخأ ببسب NCS 6008 ىلع ريبك لكشب تاجرمل طيسبت مت: **ليصافتلا** ليغشتلا.

يوناث: ةيمهالا

```
RP/0/RP0/CPU0:NCS6008-SJ#show version
Wed Feb 19 13:28:14.726 UTC
```

```
Cisco IOS XR Software, Version 5.0.1
Copyright (c) 2013 by Cisco Systems, Inc.
```

Build Information:

```
Built By      : palwal
Built On      : Tue Feb  4 13:35:37 PST 2014
Build Host    : iox-bld4
Workspace     : /auto/srcarchive9/production/5.0.1/all/workspace
Version       : 5.0.1
Location      : /opt/cisco/XR/packages/
```

System uptime is 6 days, 23 hours, 25 minutes

```
RP/0/RP0/CPU0:NCS6008-SJ#admin
Wed Feb 19 13:28:35.460 UTC
```

```
sysadmin-vm:0_RP0# show version
Wed Feb 19 13:29:39.923 UTC
```

```
Cisco IOS XR Admin Software, Version 5.0.1
Copyright (c) 2013 by Cisco Systems, Inc.
```

Build Information:

```
Built By      : palwal
Built On      : Tue Feb  4 11:17:38 PST 2014
Build Host    : iox-bld4
Workspace     : /auto/srcarchive9/production/cal-r50x-501
Version       : 5.0.1
Location      : /opt/cisco/calvados/packages/
```

BIOS Version : 10.2

System uptime is 6 days, 23 hours, 28 minutes

```
sysadmin-vm:0_RP0#
```

ةمق

لوصحلل Cisco NCS 6000 ةلسلس تاهجومل ماظنلا ةرادا رمأوا عجرم نم يولعلا [مسقلا](#) عجار تامولعمل نم ديزم ىلع.

نم لك ي ف رفو تي رمألا. اهتاجر م و ةيساسأ ةمكلل تاراخي ىلع تاريغيغت كانه: **صخلملا** SysAdmin VM و XR VM.

NCS في رم اوألا رطس ةهجاو في dumbtty ل ةيساسألا ةم لكلا عقوم لقن متي :ل صافاتلا
طخلا عقوم لمعت ال CRS. ل ع اناثأ طخلا عقوم عم ل عألا ديدحت نكمي ، 6000.

يوناث :ةمهألا

```
sysadmin-vm:0_RP0# top location 0/4 dumbtty
```

```
Thu Feb 12 21:54:27.686 UTC
```

```
*****
```

```
Location : 0/4
```

```
*****
```

```
top - 21:54:28 up 18:54, 1 user, load average: 0.00, 0.00, 0.00
```

```
Tasks: 153 total, 1 running, 152 sleeping, 0 stopped, 0 zombie
```

```
Cpu(s): 1.2%us, 0.5%sy, 0.0%ni, 98.2%id, 0.0%wa, 0.0%hi, 0.0%si, 0.0%st
```

```
Mem: 1009016k total, 769648k used, 239368k free, 27072k buffers
```

```
Swap: 14444k total, 0k used, 14444k free, 323424k cached
```

PID	USER	PR	NI	VIRT	RES	SHR	S	%CPU	%MEM	TIME+
1	root	20	0	14932	1368	1132	S	0.0	0.1	0:01.76
init										
2	root	20	0	0	0	0	S	0.0	0.0	0:00.00
kthreadd										
3	root	RT	0	0	0	0	S	0.0	0.0	0:00.00
migration/0										
4	root	20	0	0	0	0	S	0.0	0.0	0:01.28
ksoftirqd/0										
5	root	RT	0	0	0	0	S	0.0	0.0	0:00.00
watchdog/0										
6	root	20	0	0	0	0	S	0.0	0.0	0:02.68
events/0										
7	root	20	0	0	0	0	S	0.0	0.0	0:00.00
cpuset										
8	root	20	0	0	0	0	S	0.0	0.0	0:00.00
khelper										
9	root	20	0	0	0	0	S	0.0	0.0	0:00.00
netns										
10	root	20	0	0	0	0	S	0.0	0.0	0:00.00
async/mgr										
11	root	20	0	0	0	0	S	0.0	0.0	0:00.00
pm										
12	root	20	0	0	0	0	S	0.0	0.0	0:00.06
sync_supers										
13	root	20	0	0	0	0	S	0.0	0.0	0:00.08 bdi-

default

14 root	20	0	0	0	0 S	0.0	0.0	0:00.00
kintegrityd/0								
15 root	20	0	0	0	0 S	0.0	0.0	0:00.20
kblockd/0								
16 root	20	0	0	0	0 S	0.0	0.0	0:00.00
kacpid								
17 root	20	0	0	0	0 S	0.0	0.0	0:00.00
kacpi_notify								
18 root	20	0	0	0	0 S	0.0	0.0	0:00.00
kacpi_hotplug								
19 root	20	0	0	0	0 S	0.0	0.0	0:00.00
ata/0								
20 root	20	0	0	0	0 S	0.0	0.0	0:00.00
ata_aux								
21 root	20	0	0	0	0 S	0.0	0.0	0:00.00
khubd								
22 root	20	0	0	0	0 S	0.0	0.0	0:00.00
kseriod								
24 root	15	-5	0	0	0 S	0.0	0.0	0:00.00
kslowd000								
25 root	15	-5	0	0	0 S	0.0	0.0	0:00.00
kslowd001								
26 root	20	0	0	0	0 S	0.0	0.0	0:00.01
khungtaskd								
27 root	20	0	0	0	0 S	0.0	0.0	0:00.00
kswapd0								
28 root	25	5	0	0	0 S	0.0	0.0	0:00.00
ksmd								
29 root	20	0	0	0	0 S	0.0	0.0	0:00.00
aio/0								
30 root	20	0	0	0	0 S	0.0	0.0	0:00.00
crypto/0								
34 root	20	0	0	0	0 S	0.0	0.0	0:00.00
pciehpd_0000:00								
35 root	20	0	0	0	0 S	0.0	0.0	0:00.00
pciehpd_0000:00								
36 root	20	0	0	0	0 S	0.0	0.0	0:00.00
pciehpd_0000:00								
37 root	20	0	0	0	0 S	0.0	0.0	0:00.00
pciehpd_0000:00								
38 root	20	0	0	0	0 S	0.0	0.0	0:00.00

pciehp_d_0000:00										
39 root	20	0	0	0	0 S	0.0	0.0	0:00.00		
pciehp_d_0000:00										
40 root	20	0	0	0	0 S	0.0	0.0	0:00.00		
pciehp_d_0000:00										
41 root	20	0	0	0	0 S	0.0	0.0	0:00.00		
pciehp_d_0000:00										
42 root	20	0	0	0	0 S	0.0	0.0	0:00.00		
pciehp_d_0000:00										
43 root	20	0	0	0	0 S	0.0	0.0	0:00.00		
pciehp_d_0000:00										
44 root	20	0	0	0	0 S	0.0	0.0	0:00.00		
pciehp_d_0000:37										
45 root	20	0	0	0	0 S	0.0	0.0	0:00.00		
pciehp_d_0000:37										
46 root	20	0	0	0	0 S	0.0	0.0	0:00.00		
pciehp_d_0000:37										
47 root	20	0	0	0	0 S	0.0	0.0	0:00.00		
pciehp_d_0000:37										
48 root	20	0	0	0	0 S	0.0	0.0	0:00.00		
pciehp_d_0000:37										
49 root	20	0	0	0	0 S	0.0	0.0	0:00.00		
pciehp_d_0000:37										
50 root	20	0	0	0	0 S	0.0	0.0	0:00.00		
pciehp_d_0000:37										
51 root	20	0	0	0	0 S	0.0	0.0	0:00.00		
pciehp_d_0000:37										
52 root	20	0	0	0	0 S	0.0	0.0	0:00.00		
pciehp_d_0000:37										
53 root	20	0	0	0	0 S	0.0	0.0	0:00.00		
pciehp_d_0000:37										
54 root	20	0	0	0	0 S	0.0	0.0	0:00.00		
pciehp_d_0000:37										
55 root	20	0	0	0	0 S	0.0	0.0	0:00.00		
pciehp_d_0000:37										
56 root	20	0	0	0	0 S	0.0	0.0	0:00.00		
pciehp_d_0000:37										
57 root	20	0	0	0	0 S	0.0	0.0	0:00.00		
pciehp_d_0000:37										
58 root	20	0	0	0	0 S	0.0	0.0	0:00.00		
pciehp_d_0000:37										
59 root	20	0	0	0	0 S	0.0	0.0	0:00.00		

pciehp_d_0000:37

60 root 20 0 0 0 0 S 0.0 0.0 0:00.00

pciehp_d_0000:48

61 root 20 0 0 0 0 S 0.0 0.0 0:00.00

pciehp_d_0000:48

62 root 20 0 0 0 0 S 0.0 0.0 0:00.00

pciehp_d_0000:48

63 root 20 0 0 0 0 S 0.0 0.0 0:00.00

pciehp_d_0000:48

64 root 20 0 0 0 0 S 0.0 0.0 0:00.00

pciehp_d_0000:48

65 root 20 0 0 0 0 S 0.0 0.0 0:00.00

pciehp_d_0000:48

66 root 20 0 0 0 0 S 0.0 0.0 0:00.00

pciehp_d_0000:48

67 root 20 0 0 0 0 S 0.0 0.0 0:00.00

pciehp_d_0000:48

68 root 20 0 0 0 0 S 0.0 0.0 0:00.00

pciehp_d_0000:48

69 root 20 0 0 0 0 S 0.0 0.0 0:00.00

pciehp_d_0000:48

70 root 20 0 0 0 0 S 0.0 0.0 0:00.00

pciehp_d_0000:48

71 root 20 0 0 0 0 S 0.0 0.0 0:00.00

pciehp_d_0000:48

72 root 20 0 0 0 0 S 0.0 0.0 0:00.00

pciehp_d_0000:48

73 root 20 0 0 0 0 S 0.0 0.0 0:00.00

pciehp_d_0000:48

74 root 20 0 0 0 0 S 0.0 0.0 0:00.00

pciehp_d_0000:48

75 root 20 0 0 0 0 S 0.0 0.0 0:00.00

pciehp_d_0000:48

76 root 20 0 0 0 0 S 0.0 0.0 0:00.00

pciehp_d_0000:59

77 root 20 0 0 0 0 S 0.0 0.0 0:00.00

pciehp_d_0000:59

78 root 20 0 0 0 0 S 0.0 0.0 0:00.00

pciehp_d_0000:59

79 root 20 0 0 0 0 S 0.0 0.0 0:00.00

pciehp_d_0000:59

80 root 20 0 0 0 0 S 0.0 0.0 0:00.00

pciehp_d_0000:59										
81	root	20	0	0	0	0	S	0.0	0.0	0:00.00
pciehp_d_0000:59										
82	root	20	0	0	0	0	S	0.0	0.0	0:00.00
pciehp_d_0000:59										
83	root	20	0	0	0	0	S	0.0	0.0	0:00.00
pciehp_d_0000:59										
84	root	20	0	0	0	0	S	0.0	0.0	0:00.00
pciehp_d_0000:59										
85	root	20	0	0	0	0	S	0.0	0.0	0:00.00
pciehp_d_0000:59										
86	root	20	0	0	0	0	S	0.0	0.0	0:00.00
pciehp_d_0000:59										
87	root	20	0	0	0	0	S	0.0	0.0	0:00.00
pciehp_d_0000:59										
88	root	20	0	0	0	0	S	0.0	0.0	0:00.00
pciehp_d_0000:59										
89	root	20	0	0	0	0	S	0.0	0.0	0:00.00
pciehp_d_0000:59										
90	root	20	0	0	0	0	S	0.0	0.0	0:00.03
pciehp_d_0000:59										
91	root	20	0	0	0	0	S	0.0	0.0	0:00.01
pciehp_d_0000:59										
93	root	20	0	0	0	0	S	0.0	0.0	0:00.00
uio/0										
94	root	20	0	0	0	0	S	0.0	0.0	0:00.00
kpsmoused										
95	root	20	0	0	0	0	S	0.0	0.0	0:00.00
usbhid_resumer										
114	root	20	0	0	0	0	S	0.0	0.0	0:00.00
kstriped										
529	root	20	0	0	0	0	S	0.0	0.0	0:00.00
scsi_eh_0										
530	root	20	0	0	0	0	S	0.0	0.0	0:00.00
scsi_eh_1										
539	root	20	0	0	0	0	S	0.0	0.0	0:00.00
khvcd										
567	root	20	0	0	0	0	S	0.0	0.0	0:00.07
8 jbd2/vda1-										
568	root	20	0	0	0	0	S	0.0	0.0	0:00.00
ext4-dio-unwrit										
618	root	16	-4	4576	1100	432	S	0.0	0.1	0:00.08

udev

1106	root	20	0	0	0	0	S	0.0	0.0	0:00.78	jbd2/vdc1-8
1107	root	20	0	0	0	0	S	0.0	0.0	0:00.00	ext4-dio-unwrit
1151	root	20	0	0	0	0	S	0.0	0.0	0:00.00	jbd2/vdc2-8
1152	root	20	0	0	0	0	S	0.0	0.0	0:00.00	ext4-dio-unwrit
1165	root	20	0	0	0	0	S	0.0	0.0	0:00.00	jbd2/vdc3-8
1166	root	20	0	0	0	0	S	0.0	0.0	0:00.00	ext4-dio-unwrit
1175	root	20	0	0	0	0	S	0.0	0.0	0:00.00	kjournald
1328	root	20	0	11280	1304	1100	S	0.0	0.1	0:00.00	oom.sh
1332	root	20	0	0	0	0	S	0.0	0.0	0:00.00	low_mem_thread
1334	root	20	0	11280	552	300	S	0.0	0.1	0:00.17	oom.sh
1440	root	20	0	6104	660	524	S	0.0	0.1	0:00.22	syslogd
1444	root	20	0	6848	3380	432	S	0.0	0.3	0:00.08	klogd
1499	root	20	0	13172	864	712	S	0.0	0.1	0:00.03	lldpad
1511	root	20	0	12844	624	456	S	0.0	0.1	0:00.00	dbus-daemon
1543	root	20	0	23252	1140	772	S	0.0	0.1	0:00.00	sshd
1551	root	20	0	11120	836	676	S	0.0	0.1	0:00.00	xinetd
1583	root	20	0	7012	1096	572	S	0.0	0.1	0:00.35	crond
1595	root	20	0	148m	4268	2928	S	0.0	0.4	0:00.13	libvirtd
1664	root	20	0	3992	392	312	S	0.0	0.0	0:00.00	agetty
1690	root	20	0	3992	388	312	S	0.0	0.0	0:00.00	agetty
1692	root	20	0	3992	392	312	S	0.0	0.0	0:00.00	agetty

agetty

1715 root udevd	18	-2	4572	1064	400	S	0.0	0.1	0:00.00
1716 root udevd	18	-2	4572	976	312	S	0.0	0.1	0:00.00
1724 root 8	20	0	0	0	0	S	0.0	0.0	0:00.00 jbd2/vdb1-
1725 root unwrit	20	0	0	0	0	S	0.0	0.0	0:00.00 ext4-dio-
1727 root pm	20	0	144m	11m	3860	S	0.0	1.2	0:04.96
1732 root bios_fpd	20	0	201m	7916	4004	S	0.0	0.8	0:00.65
1733 root calv_alarm_mgr	20	0	110m	4776	2792	S	0.0	0.5	0:00.14
1734 root ccc_driver	20	0	424m	19m	5652	S	0.0	1.9	8:20.74
1735 root cm	20	0	172m	16m	3188	S	0.0	1.7	0:04.05
1736 root debug_client	20	0	83668	2916	1864	S	0.0	0.3	0:00.67
1737 root ds	20	0	120m	9472	2200	S	0.0	0.9	0:00.71
1738 root dumper	20	0	106m	3068	1920	S	0.0	0.3	0:00.64
1739 root envmon	20	0	266m	11m	5088	S	0.0	1.2	0:06.72
1740 root esd	20	0	429m	16m	6060	S	0.0	1.7	0:28.45
1741 root inst_agent	20	0	197m	8192	4900	S	0.0	0.8	0:02.28
1742 root led_mgr	20	0	165m	7552	3932	S	0.0	0.7	0:01.25
1743 root ntp_helper	20	0	90160	3340	2136	S	0.0	0.3	0:01.99
1744 root obfl_mgr	20	0	175m	7472	4152	S	0.0	0.7	0:02.82
1745 root obfl_show	20	0	112m	3608	2332	S	0.0	0.4	0:01.69
1746 root sdr_mgr	20	0	238m	28m	4140	S	0.0	2.9	0:00.79
1747 root	20	0	359m	19m	7116	S	0.0	2.0	0:12.10

shelf_mgr

1748 root 20 0 102m 4008 2584 S 0.0 0.4 0:00.97
ship_server

1749 root 20 0 338m 16m 7192 S 0.0 1.7 7:22.68
slice_manager

1750 root 20 0 99584 3280 2108 S 0.0 0.3 0:01.69
ssh_key_client

1751 root 20 0 140m 4204 2620 S 0.0 0.4 0:54.73
syslogd_helper

1752 root 20 0 102m 3604 2432 S 0.0 0.4 0:00.65
timezone_notify

1753 root 20 0 146m 7864 3864 S 0.0 0.8 0:01.68
vm_manager

1754 root 20 0 121m 6680 2464 S 0.0 0.7 0:06.02
wdmon

1782 root 20 0 37860 2528 1912 S 0.0 0.3 0:00.00
ssh

2012 root 20 0 28176 1488 1160 S 0.0 0.1 0:00.26
ntpd

4680 root 20 0 0 0 0 S 0.0 0.0 0:00.05 flush-
252:32

7469 root 20 0 0 0 0 S 0.0 0.0 0:00.00 flush-
252:0

7521 root 20 0 3852 392 316 S 0.0 0.0 0:00.00
sleep

7522 root 20 0 27884 2432 1972 S 0.0 0.2 0:00.01
sshd

7524 root 20 0 10820 1164 844 R 0.0 0.1 0:00.00 top

RP/0/RP0/CPU0:CRS-J(admin)#top dumbtty loc ?

WORD Fully qualified location specification

RP/0/RP0/CPU0:CRS-J(admin)#top dumbtty loc 0/RP0/CPU0

Wed Nov 27 15:55:14.736 UTC

Computing times...348 processes; 1904 threads;

CPU states: 97.6% idle, 2.0% user, 0.2% kernel

Memory: 12288M total, 10004M avail, page size 4K

Time: Wed Nov 27 15:55:16.911 UTC

JID	TID	LAST_CPU	PRI	STATE	HH:MM:SS	CPU	COMMAND
367	10	1	10	Run	0:00:42	0.84%	qsm
367	11	1	10	Rcv	0:00:23	0.67%	qsm
67	10	1	50	NSlp	1:29:44	0.33%	ce_switch
1	63	0	10	Run	0:02:49	0.29%	procnto-smp-instr
67	9	1	50	NSlp	0:31:09	0.12%	ce_switch
67	6	1	10	NSlp	0:12:26	0.04%	ce_switch
65883	1	0	10	Rply	0:00:00	0.02%	top
62	12	1	55	Rcv	0:19:41	0.02%	eth_server
67	11	1	56	NSlp	0:00:02	0.00%	ce_switch

343 1 0 10 Rcv 0:00:00 0.00% oir_daemon

RP/0/RP0/CPU0:CRS-J(admin)#**top loc 0/RP0/CPU0 ?**
<cr>

RP/0/RP0/CPU0:CRS-J(admin)#**top loc 0/0/CPU0**

Wed Nov 27 15:56:40.661 UTC

Sorry, that node can't be found

RP/0/RP0/CPU0:CRS-J(admin)#**show plat**

Wed Nov 27 15:56:46.461 UTC

Node	Type	PLIM	State	Config State
0/0/CPU0	MSC-140G	20-10GbE	IOS XR RUN	PWR,NSHUT,MON
0/1/SP	MSC(SP)	N/A	IOS XR RUN	PWR,NSHUT,MON
0/1/CPU0	MSC	Jacket Card	IOS XR RUN	PWR,NSHUT,MON
0/1/0	MSC(SPA)	OC192RPR-XFP	OK	PWR,NSHUT,MON
0/1/1	MSC(SPA)	8X1GE	OK	PWR,NSHUT,MON
0/1/2	MSC(SPA)	10X1GE	OK	PWR,NSHUT,MON
0/6/SP	MSC(SP)	N/A	IOS XR RUN	PWR,NSHUT,MON
0/6/CPU0	MSC	4-10GbE	IOS XR RUN	PWR,NSHUT,MON
0/7/SP	MSC(SP)	N/A	IOS XR RUN	PWR,NSHUT,MON
0/7/CPU0	MSC	10C768-POS	IOS XR RUN	PWR,NSHUT,MON
0/RP0/CPU0	RP(Active)	N/A	IOS XR RUN	PWR,NSHUT,MON
0/RP1/CPU0	RP(Standby)	N/A	IOS XR RUN	PWR,NSHUT,MON
0/SM0/SP	FC-140G/S(SP)	N/A	IOS XR RUN	PWR,NSHUT,MON
0/SM1/SP	FC-140G/S(SP)	N/A	IOS XR RUN	PWR,NSHUT,MON
0/SM2/SP	FC-140G/S(SP)	N/A	IOS XR RUN	PWR,NSHUT,MON
0/SM3/SP	FC-140G/S(SP)	N/A	IOS XR RUN	PWR,NSHUT,MON

RP/0/RP0/CPU0:CRS-J(admin)#**top loc 0/1/CPU0**

Wed Nov 27 15:56:57.012 UTC

Sorry, that node can't be found

Cisco NCS 6000 ةلسلس رماوأل ةي عجرملا ةلدأل

- [Cisco NCS 6000 ةلسلس تاهجومل ماظنلا ةرادا رماوأل عجرم](#)
- [Cisco NCS 6000، رادصإلا، ةلسلس رماوأل ةي عجرم، ماظنلا ةرادا رماوأل عجرم](#)

ةمچرتل هذه ل و ح

ةلأل تاي نقتل ن م ة و مچ م ادخت ساب دن تسمل اذ ه Cisco ت مچرت
م ل اع ل اء ان ا ع مچ ي ف ن م دخت سمل ل م عد ى و تح م م يدقت ل ة يرش ب ل و
امك ة ق ي قد ن و ك ت ن ل ة ل آل ة مچرت ل ض ف ا ن ا ة ظ حال م ى چ ر ي . ة ص ا خ ل م ه ت غ ل ب
Cisco ي ل خ ت . ف ر ت ح م مچرت م ا ه م د ق ي ي ت ل ا ة ي ف ا ر ت ح ا ل ا ة مچرت ل ا ع م ل ا ح ل ا و ه
ى ل ا م اء ا د ع و چ ر ل ا ب ي ص و ت و ت ا مچرت ل ا ه ذ ه ة ق د ن ع ا ه ت ي ل و ئ س م Cisco
Systems (ر ف و ت م ط ب ا ر ل ا) ي ل ص ا ل ا ي ز ي ل چ ن ا ل ا دن تسمل ا