

Introducción

Este documento describe el sistema de la convergencia de la red de Cisco (NC) 6000 comandos CLI de la independiente de la plataforma en la versión 5.0.1 del [®] XR del Cisco IOS que han cambiado comparado al Routers del Cisco Carrier Routing System (CRS) que funciona con otras versiones del Cisco IOS XR.

Este documento se piensa para cualquier persona que sea familiar con el Cisco IOS XR y quiera entender qué cambios CLI se han realizado con los NC 6008 y la versión 5.0.1.

Nota: Este documento no dirige los comandos de la dependiente de la plataforma (paladio) que han cambiado ni se ha creado específicamente para la plataforma NC 6008.

Prerrequisitos

Requisitos

Cisco recomienda que usted tiene un conocimiento de alto nivel de estos temas:

- Comandos CLI del Cisco IOS XR
- Arquitectura NC 6008

Componentes Utilizados

Este documento se restringe a la versión 5.0.1 del Cisco IOS XR que se ejecuta en los NC 6008.

La información que contiene este documento se creó a partir de los dispositivos en un ambiente de laboratorio específico. Todos los dispositivos que se utilizan en este documento se pusieron en funcionamiento con una configuración verificada (predeterminada). Si la red está funcionando, asegúrese de haber comprendido el impacto que puede tener cualquier comando.

Cómo utilizar este documento

Los comandos independientes NC 6008 Platform enumerados en este documento han cambiado para los NC 6008 y la versión 5.0.1 del Cisco IOS XR. Cada comando se enumera en el orden alfabético. Un resumen de los cambios así como proporcionan los detalles adicionales con respecto a las diferencias específicas. Cada comando se conecta al guía de referencia del comando apropiado cuando está disponible.

El ejemplo CLI hizo salir y las comparaciones con CRS las salidas CLI son incluidas para muchos de los comandos.

Una significación del menor o del comandante se ha señalado para cada comando para ayudar al lector a identificar los cambios importantes de los que son sintaxis, opción, o cambios de menor

importancia de la salida solamente.

asocie

Refiera a la sección de la [fijación de la referencia de comandos de la administración del sistema para el 6000 Series Router de Cisco NC](#), la versión 5.0.x para más información.

Resumen La opción es disponible desde el modo EXEC.

Detalles: Para conectar con un host de un lugar remoto, utilice el **comando location de la fijación** en los modos EXEC del EXEC y XR del System Admin. Esta operación diferencia levemente del **comando attach del funcionamiento** en CRS la plataforma debido a la separación del System Admin (SysAdmin) y de las máquinas virtuales XR (VM) en la versión 5.0.1 del Cisco IOS XR. Para cada linecard y el (RP) del Route Processor, existe un shell del host para el System Admin VM y XR VM.

Significación: Menor

Aquí es cómo usted asocia a un linecard o a un RP de XR VM:

```
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/RP?????1/CPU0 ??????
Mon Jan 20 10:04:08.287 UTC
[xr-vm_node0_RP1_CPU0:~]$ export PS1=#
#
#
#exit
```

Aquí es cómo usted asocia a un linecard o a un RP del SysAdmin VM:

```
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#
```

borre el contexto

Refiera a la sección [clara del contexto de la referencia de comandos de la administración del sistema para el 6000 Series Router de Cisco NC](#), la versión 5.0.x para más información.

Resumen Hay cambios de menor importancia del comportamiento.

Detalles: Tiene las mismas opciones CLI.

Significación: Menor

copia

Refiera a la sección de la [copia de la referencia de comandos de la administración del sistema para el 6000 Series Router de Cisco NC](#), la versión 5.0.x para más información.

Resumen Algunas opciones no están disponibles. Es difícil copiar entre SysAdmin VM y XR VM.

Detalles: El FTP se soporta para la transferencia de archivos bajo copia CLI XR VM.

El SysAdmin VM y el filesystems XR VM son separados. El SysAdmin y el XR VM tienen **disco duro**: y **disk0**: directorios. Cuando usted copia o instala agregue los paquetes del **disk0**: o **disco duro**: , los paquetes que están instalados del XR VM (ISO, los paquetes opcionales, XR SMUs) se deben copiar al filesystem XR VM. SysAdmin VM SMUs se copia al filesystem Admin VM antes de que realicen el instalar agreguen la operación.

Significación: Principal

```
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
```

describa

Resumen Hay cambios de menor importancia de la salida. El comando está disponible en XR VM y en SysAdmin VM.

La salida de comando indica que hay algunos cambios al TaskIDs necesario para funcionar con los comandos XR en a CRS contra en el NCS-6008.

Detalles: Cuando **describa** se utiliza en el SysAdmin VM, él trabaja para algunos comandos pero no para otros. La versión de SysAdmin VM de esta salida de comando visualiza el comando del operating system (OS) de Linux llamado para ejecutar el comando en SysAdmin VM. Puesto que TaskIDs no se utiliza para ejecutar los comandos de SysAdmin VM, la salida de la descripción no incluye esa información cuando está utilizada en SysAdmin VM.

Significación: Menor

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-MSC, 140G-MSC, 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)
```

dumpcore

Refiera a la sección del [dumpcore de la referencia de comandos de la administración del sistema para el 6000 Series Router de Cisco NC](#), la versión 5.0.x para más información.

Resumen Hay cambios menores a las opciones y al comportamiento CLI.

Detalles: El corehelper de proceso se utiliza en vez del descargador. Cuando el funcionamiento del dumpcore se ejecuta en los NC, hay salida reducida en los Syslog puesto que el RMtermcode = 3 nfw no es escrito al Syslog por el descargador.

Significación: Menor

```
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/libsysmgr.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/libios.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
RP/0/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
RP/0/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
RP/0/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 0x00062000 0x083a3000
0x00002000      0
RP/0/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
RP/0/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
RP/0/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
RP/0/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
RP/0/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
RP/0/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
RP/0/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
RP/0/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
RP/0/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
RP/0/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
RP/0/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
RP/0/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
RP/0/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
RP/0/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
RP/0/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
RP/0/RP0/CPU0:Nov 15 17:56:33.868 : dumper[61]: %OS-DUMPER-7-DLL_INFO :
/hfr-os-4.1.2/0x100008/lib/libshmalloc.dll 0x08ebc000 0x00005000 0x08ec1000
0x00001000 0
RP/0/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
RP/0/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

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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
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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
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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 :
/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/libipv4_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_ipv6_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
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/liblsd.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

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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
```

sig

Refiera a la sección del [siguiente de la referencia de comandos de la administración del sistema para el 6000 Series Router de Cisco NC](#), la versión 5.0.x para más información.

Resumen El cambio de las opciones junto con la salida.

Significación: Menor

instalar

Refiera a la sección del [instalar de la referencia de comandos de la administración del sistema para los 6000 Series Router de Cisco NC](#) para más información.

Resumen Hay cambios de las opciones junto con la salida. Disponible en XR VM y el modo de SysAdmin VM.

Detalles: La versión 5.0.1 soporta solamente un solo procedimiento de la instalación de la actualización del sistema para el router del XR VM. Un separado instala de una versión para el SysAdmin VM y XR VM no se soporta en la versión 5.0.1, a excepción de la actualización del mantenimiento de software (SMU) instala. SMUs para cada VM (SysAdmin o XR) se debe instalar del VM correcto. Los paquetes opcionales se deben instalar del XR VM.

El instalar prepara el comando option se agrega para reducir el tiempo muerto de la actualización/del mantenimiento. **El instalar prepara el** comando no se requiere.

Se ha desaprobado la opción del **aborto del instalar**. No hay planes para soportarla en el futuro.

Instale la restauración no actualizada se ha quitado en la versión 5.0.1. Un retraso/una restauración no actualizada a una versión se trata mientras que cualquier otro instala el proceso.

Instale el cometer no se requiere y está implícito en la versión 5.0.1. **El comando commit del instalar** está disponible en la versión 5.0.1 pero no es necesario puesto que el cometer es automático.

En la versión 5.2.1, el **cometer del instalar** parará el estar implícito y requerirá un explícito **instala el cometer**.

En una futura versión, la capacidad **de instalar la restauración no actualizada** será introducida junto con el cambio al **comando commit del instalar**.

Significación: Principal

```
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
```

procesos del monitor

Refiera a la sección de los [procesos del monitor de la referencia de comandos de la administración del sistema para el 6000 Series Router de Cisco NC](#), la versión 5.0.x para más información.

Resumen Hay cambios de menor importancia de la opción y de la salida.

Detalles: La opción de la ubicación no está disponible.

Significación: Menor

```
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

Refiera a la [sección de configuración de la demostración de la referencia de comandos de la administración del sistema para el 6000 Series Router de Cisco NC](#), la versión 5.0.x para más información.

Resumen La salida del comando `show configuration` es diferente del XR clásico.

Detalles: Las palabras claves disponibles han cambiado para el SysAdmin VM. Las palabras claves para el XR VM siguen siendo lo mismo que con el XR clásico.

Significación: Menor

XR VM - Lo mismo que tradicionales IOS-XR

```
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 - (solamente palabra clave del cometer mostrada como opción):

```
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
```

muestre el contexto

Refiera a la sección del [contexto de la demostración de la administración del sistema para el 6000 Series Router de Cisco NC](#), la versión 5.0.x para más información.

Resumen No hay cambios importantes a las opciones CLI. Cambios de menor importancia de la salida CLI.

Detalles: El directorio donde se guarda el archivo núcleo no se visualiza siempre (**disco duro:** por abandono). Los archivos CRASHINFO no se escriben al mismo directorio que los archivos núcleo por abandono y se guardan al directorio `disk0:/core`. El comando `show context` y el archivo CRASHINFO asociado (.txt) incluye la información del backtrace y del registro para cada hilo del

proceso que causa un crash en los NC 6008

Significación: Menor

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: 0xffffffffffffffffc

rbx: 0x18

rcx: 0xfffffffffffffffff

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 0x00000000041483a 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 0x000000000405869 in ?? () from
/opt/cisco/XR/packages/iosxr-os.rp-5.0.1/sbin/syslogd
```

Registers for Thread 2366

```
rax: 0xffffffffffffffe0
rbx: 0x7fe0ab5b0bf0
rcx: 0xffffffffffffff
rdx: 0x7fe0ab5b0bac
rsi: 0x7fe0ab5b0bf0
rdi: 0xa
rbp: 0x7fe0ab5b0c80
rsp: 0x7fe0ab5b0b90
r8: 0x6e
r9: 0x101010101010101
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: 0xffffffffffffffc
rbx: 0x7fe0ab52fe30
rcx: 0xffffffffffffff
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: 0xffffffffffffffffc
rbx: 0x1
rcx: 0xfffffffffffffffff
rdx: 0x40
rsi: 0x7fe08eb6abb0
rdi: 0x4
rbp: 0x7fe08eb6aee0
rsp: 0x7fe08eb6aa60
r8: 0x7fe0ab44a4a0
r9: 0x941
r10: 0xfffffffff
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: 0xffffffffffffffffc
rbx: 0xb67b70
rcx: 0xfffffffffffffffff
rdx: 0x20
rsi: 0xb67e00
rdi: 0x6
rbp: 0xb5e9c0
rsp: 0x7fe08eae9790
r8: 0xb68000
r9: 0x0
r10: 0xfffffffff
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: 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
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: 0xffffffffffffffe0
rbx: 0x0
rcx: 0xffffffffffffff
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: 0xffffffffffffc
rbx: 0xbb6290
rcx: 0xfffffffffffff
rdx: 0x20
rsi: 0xbb6560
rdi: 0x1f
rbp: 0xbb6520
rsp: 0x7fe08efa0b40
r8: 0x1
r9: 0x9f0
r10: 0xfffffffff
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 levh_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: 0xfffffffffffffc
rbx: 0x7fe08ec9de20
rcx: 0xffffffffffffffff
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: 0xfffffffffffffffffc
rbx: 0x7fe08ec1ce20
rcx: 0xffffffffffffffffff
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: 0xffffffffffffffffc
rbx: 0x7fe08e7cde20
rcx: 0xfffffffffffffffff
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: 0xffffffffffffc
rbx: 0x8
rcx: 0xfffffffffffff
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
000000000400000 148K r-x-- /opt/cisco/XR/packages/iosxr-os.rp-5.0.1/sbin/syslogd
000000000625000 8K rw--- /opt/cisco/XR/packages/iosxr-os.rp-5.0.1/sbin/syslogd
000000000627000 48K rw--- [anon]
000000000b4e000 880K rw--- [anon]
000000008000000 1920K ---s- /dev/zero (deleted)
00000000801e000 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/1_syslogd/dbg_b2_o846
00007fe08e12e000 40K rw-s- /dev/shmem/ltrace/lwmlib/1_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/aqsmlib/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 ]
00007fe08eca000     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/aqsmlib/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--
/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
00007fe08fc1a000    2048K -----
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libacl_ltracedebug.so
00007fe08fe1a000      4K rw---
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libacl_ltracedebug.so
00007fe08fe1b000      4K r-x--
/opt/cisco/XR/packages/iosxr-sse.rp_lc-5.0.1/lib/liblpts_ifib_platform_com.so
00007fe08fe1c000    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
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/libhdr_invmgr_capi_proto.so
00007fe0936f9000    2044K -----
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libhdr_invmgr_capi_proto.so
00007fe0938f8000      4K rw---
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libhdr_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/libiparmlv.so
00007fe096bb3000    2044K -----
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libiparmlv.so
00007fe096db2000         4K rw---
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libiparmlv.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---
```

```
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
00007fe0999ce2000     8K rw--- /lib64/libm-2.12.so
00007fe0999ce4000    12K r-x--&nbsp;
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/librsi_util.so
00007fe0999ce7000    2044K -----
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/librsi_util.so
00007fe0999ee6000     4K rw---
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/librsi_util.so
00007fe0999ee7000     8K r-x--
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/librsi_dbg.so
00007fe0999ee9000    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/libhdr_invmgr_capi.so
00007fe09b517000         4K rw---
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libhdr_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/libttynmspc.so
00007fe09bd2e000    2048K -----
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libttynmspc.so
00007fe09bf2e000      4K rw---
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libttynmspc.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
00007fe09ddf000 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
00007fe0a1d0f000        4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libcapi_cipc_proto.so
00007fe0a1d10000        8K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libcapi_impl.so
00007fe0a1d12000     2044K -----
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libcapi_impl.so
00007fe0a1f11000        4K rw---
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libcapi_impl.so
00007fe0a1f12000     124K r-x--
/opt/cisco/XR/packages/iosxr-os.rp_lc-5.0.1/lib/libcdr_nm_proto.so.0.0.1
00007fe0a1f31000     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/libsystemgr.so
00007fe0a79bb000 2044K -----
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libsystemgr.so
00007fe0a7bba000 8K rw---
/opt/cisco/XR/packages/iosxr-infra.rp_lc-5.0.1/lib/libsystemgr.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/libipv4.so
00007fe0a9830000    2048K -----
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libipv4.so
00007fe0a9a30000      4K rw---
/opt/cisco/XR/packages/iosxr-fwding.rp_lc-5.0.1/lib/libipv4.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/aqsmlib/190/errors
00007fe0ab493000     12K rw-s-   /dev/shmem/ltrace/aqsmlib/190/debug
00007fe0ab496000     12K rw-s-   /dev/shmem/ltrace/aqsmlib/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 ]
fffffffffff60000      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-mpls.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
```

muestre el DLL

Refiera a la sección [DLL de la demostración de la referencia de comandos de la administración del sistema para el 6000 Series Router de Cisco NC](#), la versión 5.0.x para más información.

Resumen Hay cambios de las opciones y cambios de la salida.

Detalles: Solamente la palabra clave del pid suuported. Se quita la palabra clave de la ubicación.

Significación: Menor

```
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>
```

muestre la tela del regulador

Refiera a la sección de la [tela del regulador de la demostración de la referencia de comandos de la administración del sistema para los 6000 Series Router de Cisco NC](#) para más información.

Resumen Se cambian las palabras claves del comando show.

Detalles: El soporte para el conjunto, la **Conectividad**, y las palabras claves **sumarias** se quita. El soporte para el **fsdb-aggregator** y las palabras claves del **fsdb-servidor** se agrega. La mayor parte de la salida es muy similar.

Todos los comandos show a excepción de la palabra clave de la **traza** están en el SysAdmin VM.

Significación: Menor

```
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)

```

show environment

Refiera a la sección del [entorno de la demostración de la referencia de comandos de la administración del sistema para los 6000 Series Router de Cisco NC](#) para más información.

Resumen Hay cambios hechos salir y cambios de la palabra clave del comando.

Detalles: El soporte para las palabras claves **LED** y de la **tabla** se quita. El soporte la palabra clave **actual** se agrega fot. La salida es cosméticamente diferente. La salida incluye por la información de la rebanada.

Significación: Menor

```
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>

muestre el filesystem

Refiera a la sección del [filesystem de la demostración de la referencia de comandos de la administración del sistema para el 6000 Series Router de Cisco NC](#), la versión 5.0.x para más información.

Resumen Hay cambios de las opciones junto con la salida CLI.

Detalles: El disk0 del filesystem de la demostración: el comando no trabaja más de largo. El comando no es disponible desde el SysAdmin VM. El comando visualiza la misma información del modo admin y el ejecutivo en CRS pero no en los NC 6008.

Significación: Menor

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_disk1a:
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	disk1a:
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    nvram rw nvram:
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

```

la demostración instala

Refiera a la [demostración instalan la](#) sección de la **referencia de comandos de la administración del sistema para los 6000 Series Router de Cisco NC** para más información.

Resumen Hay cambios de la opción de palabra clave junto con los cambios de la salida.

Detalles: El soporte para la **preparación** y las palabras claves del **repositorio** se agrega. El soporte para la palabra clave **sumaria** se quita.

Significación: Principal


```
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
superceded     Show superceded packages
which          Show the origin of a named process, component or package
```

muestre el inventario

Refiera a la sección del [inventario de la demostración de la referencia de comandos de la administración del sistema para los 6000 Series Router de Cisco NC](#) para más información.

Resumen Hay cambios hechos salir junto con los cambios de la palabra clave.

Detalles: El soporte para la palabra clave de la **traza** se quita. La mayoría del otras visualizaciones y functionality son lo mismo.

El comando del **inventario de la demostración** se puede funcionar con del XR VM o el SysAdmin VM y muestra las salidas similares en ambos VM. La salida del **inventario de la demostración** en el XR VM visualiza los PID y los números de serie para las óptica instaladas en el linecards, mientras que esta información no es incluida cuando está ejecutada del SysAdmin VM.

Significación: Principal

```
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>
```

muestre los media

Refiera a la sección de los [media de la demostración de la referencia de comandos de la administración del sistema para el 6000 Series Router de Cisco NC](#), la versión 5.0.x para más información.

Resumen Hay cambios de la salida CLI.

Detalles: Disk0: no se utiliza como el disco de arranque en los NC 6000. **Los rootfs:** la división es la división de inicio para el XR y SysAdmin VM. La división de inicio es 3.9G para el XR VM y 2.9G para el SysAdmin VM. **Los rootfs:** la división para cada VM se talla de una unidad de estado sólido de la unidad 32GB (SSD) en el Route Processor. **El disco duro:** la división para cada VM se talla de una unidad SSD 200GB en el Route Processor.

Significación: Principal

```
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

show memory

Refiera a la sección de la [memoria de la demostración de la referencia de comandos de la administración del sistema para el 6000 Series Router de Cisco NC](#), la versión 5.0.x para más información.

Resumen Hay cambios de las opciones junto con la salida CLI.

Detalles: La arquitectura de la memoria se cambia perceptiblemente con NC 6008. Como consecuencia, hay muchos cambios a la salida CLI del comando **show memory**. Los cambios de la opción del comando CLI son de menor importancia.

Significación: Menor

```
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

[show processes](#)

Refiera a la sección de los [procesos de la demostración de la referencia de comandos de la administración del sistema para el 6000 Series Router de Cisco NC](#), la versión 5.0.x para más información.

Resumen Hay cambios menores en las opciones soportadas y también en la salida para algunas de las opciones.

Detalles: La palabra clave del **pidin de la demostración** se soporta no más.

Significación: Menor

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.

```

muestre la plataforma

Refiera a la sección de la [plataforma de la demostración de la referencia de comandos de la administración del sistema para los 6000 Series Router de Cisco NC](#) para más información.

Resumen Hay opciones de palabra clave y cambios adicionales de la salida.

Detalles: El comando `show platform` puede ser funcionado con del XR o del SysAdmin VM.

XR VM: El soporte para la palabra clave `VM` fue agregado.

En los NC 6000, el comando visualiza la tela, la fan, y la información del MÓDULO DE ENERGÍA del XR VM, mientras que no lo hace en el XR clásico. Para conseguir la información sobre esos tipos de componentes en el XR clásico, el comando se debe funcionar con del modo admin.

SysAdmin VM: La palabra clave del **detalle** fue agregada para proporcionar la información adicional sobre el estado y iniciar la información para un nodo en el sistema. Soporte para las **rebanadas que se agrega la palabra clave.**

Significación: Principal

```
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>
```

muestre la reinicialización

Resumen Debido a la separación del XR VM y SysAdmin VM, el **comando reboot de la demostración** ha cambiado en NG-XR.

Detalles: Bajo el XR VM, usted puede ver el historial de la reinicialización del XR VM para cada linecard activo/RP.

Bajo el SysAdmin VM, el historial de la reinicialización del SysAdmin VM para cada linecard activo/RP se puede ver, junto con el historial de la reinicialización para el linecard/RP sí mismo (memoria que el SysAdmin VM se puede reiniciar sin una recarga de la placa de línea real).

Significación: Menor

```
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>
```

muestre el sdr-invmgr

Resumen Esto es un comando nuevamente agregado en XR + Sysadmin VM.

Detalles: Esto tiene nuevo comportamiento operativo.

Significación: Principal

show tech-support

Resumen Hay cambios hechos salir con los cambios de las opciones de la palabra clave del comando

Detalles: El soporte para estas palabras claves del tecnología-soporte de la demostración se quita en los NC 6000:

- aipcproxy
- ATM
- llamada casera
- chdlc
- config-grupo
- reguladores
- crypto
- Fabio
- frame-relay
- ipinfra
- LRD
- onep
- plataforma
- RIB
- svd
- sysmgr
- túnel-IP

El soporte para estas palabras claves del tecnología-**soporte de la demostración del modo admin** se quita en los NC 6000:

- asic
- conjuntos
- cfgmgr
- control-Ethernetes
- diagnósticos
- dsc
- ees
- revisión médica
- invmgr
- issu
- licencia
- LRD
- nrs
- pcie
- shelfmgr
- sysdb
- sysmgr

El soporte para estas palabras claves del tecnología-**soporte de la demostración** está disponible en NC 6008, pero no en CRS:

- **tela** - En XR VM en NC 6008
- **instale** - En XR VM en NC 6008
- **lwm** - En XR VM en NC 6008
- **npu** - En XR VM en NC 6008
- **processmgr** - En XR VM en NC 6008
- **rdm** - En XR VM en NC 6008

- **sdr-invmgr** - En XR VM en NC 6008

El soporte para estas palabras claves del tecnología-soporte de la demostración de SysAdmin VM está disponible en los NC 6000, pero no en CRS:

- **alarm_mgr**
- **todos**
- **ccc**
- **confd**
- **envmon**
- **fpd**
- **obfl**
- **P.M.**
- **sdr_mgr**
- **shelf_mgr**
- **slice_manager**
- **syslog**

Significación: Menor

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 Messaging (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](#)

Refiera a la sección de la [versión de la demostración de la referencia de comandos de la administración del sistema para los 6000 Series Router de Cisco NC](#) para más información.

Resumen Hay cambios importantes de la salida.

Detalles: La salida se simplifica grandemente en los NC 6008, debido a la diversa estructura OS.

Significación: Menor

```
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#
```

top

Refiera a la sección [superior de la referencia de comandos de la administración del sistema para](#)

los 6000 Series Router de Cisco NC para más información.

Resumen Hay cambios a las opciones de palabra clave y a las salidas. El comando está disponible en SysAdmin VM y XR VM.

Detalles: La ubicación de la palabra clave para el **dumbtty** se mueve en el CLI. En los NC 6000, el top se puede especificar con la ubicación del linecard mientras que encendido CRS. No trabaja para la ubicación del linecard.

Significación: Menor

```
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+
```

```
COMMAND
```

```
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 netns	20	0	0	0	0 S	0.0	0.0	0:00.00	
10 root async/mgr	20	0	0	0	0 S	0.0	0.0	0:00.00	
11 root pm	20	0	0	0	0 S	0.0	0.0	0:00.00	
12 root sync_supers	20	0	0	0	0 S	0.0	0.0	0:00.06	
13 root default	20	0	0	0	0 S	0.0	0.0	0:00.08	bdi-
14 root kintegrityd/0	20	0	0	0	0 S	0.0	0.0	0:00.00	
15 root kblockd/0	20	0	0	0	0 S	0.0	0.0	0:00.20	
16 root kacpid	20	0	0	0	0 S	0.0	0.0	0:00.00	
17 root kacpi_notify	20	0	0	0	0 S	0.0	0.0	0:00.00	
18 root kacpi_hotplug	20	0	0	0	0 S	0.0	0.0	0:00.00	
19 root ata/0	20	0	0	0	0 S	0.0	0.0	0:00.00	
20 root ata_aux	20	0	0	0	0 S	0.0	0.0	0:00.00	
21 root khubd	20	0	0	0	0 S	0.0	0.0	0:00.00	
22 root kseriod	20	0	0	0	0 S	0.0	0.0	0:00.00	
24 root kslowd000	15	-5	0	0	0 S	0.0	0.0	0:00.00	
25 root kslowd001	15	-5	0	0	0 S	0.0	0.0	0:00.00	
26 root khungtaskd	20	0	0	0	0 S	0.0	0.0	0:00.01	

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
pciehp_d_0000:00										
35	root	20	0	0	0	0	S	0.0	0.0	0:00.00
pciehp_d_0000:00										
36	root	20	0	0	0	0	S	0.0	0.0	0:00.00
pciehp_d_0000:00										
37	root	20	0	0	0	0	S	0.0	0.0	0:00.00
pciehp_d_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_ah_0											
530	root	20	0	0	0	0	S	0.0	0.0	0:00.00	
scsi_ah_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	jbd2/vda1-

8

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	
udevd											
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											
1715	root	18	-2	4572	1064	400	S	0.0	0.1	0:00.00	
udev											
1716	root	18	-2	4572	976	312	S	0.0	0.1	0:00.00	
udev											
1724	root	20	0	0	0	0	S	0.0	0.0	0:00.00	jbd2/vdb1-
8											
1725	root	20	0	0	0	0	S	0.0	0.0	0:00.00	ext4-dio-
unwrit											
1727	root	20	0	144m	11m	3860	S	0.0	1.2	0:04.96	
pm											
1732	root	20	0	201m	7916	4004	S	0.0	0.8	0:00.65	
bios_fpd											
1733	root	20	0	110m	4776	2792	S	0.0	0.5	0:00.14	
calv_alarm_mgr											
1734	root	20	0	424m	19m	5652	S	0.0	1.9	8:20.74	
ccc_driver											
1735	root	20	0	172m	16m	3188	S	0.0	1.7	0:04.05	
cm											
1736	root	20	0	83668	2916	1864	S	0.0	0.3	0:00.67	
debug_client											
1737	root	20	0	120m	9472	2200	S	0.0	0.9	0:00.71	
ds											

1738	root	20	0	106m	3068	1920	S	0.0	0.3	0:00.64
dumper										
1739	root	20	0	266m	11m	5088	S	0.0	1.2	0:06.72
envmon										
1740	root	20	0	429m	16m	6060	S	0.0	1.7	0:28.45
esd										
1741	root	20	0	197m	8192	4900	S	0.0	0.8	0:02.28
inst_agent										
1742	root	20	0	165m	7552	3932	S	0.0	0.7	0:01.25
led_mgr										
1743	root	20	0	90160	3340	2136	S	0.0	0.3	0:01.99
ntp_helper										
1744	root	20	0	175m	7472	4152	S	0.0	0.7	0:02.82
obfl_mgr										
1745	root	20	0	112m	3608	2332	S	0.0	0.4	0:01.69
obfl_show										
1746	root	20	0	238m	28m	4140	S	0.0	2.9	0:00.79
sdr_mgr										
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

Guías de referencia de comandos del 6000 Series Router de Cisco NC

- [Referencia de comandos de la administración del sistema para los 6000 Series Router de Cisco NC](#)
- [Referencia de comandos de la administración del sistema para el 6000 Series Router de Cisco NC, versión 5.0.x](#)