



Secure Domain Router Commands

For detailed information about secure domain router concepts, configuration tasks, and examples, see the *Configuring Secure Domain Routers on Cisco IOS XR Software* module in *System Management Configuration Guide for Cisco NCS 5500 Series Routers*, *System Management Configuration Guide for Cisco NCS 540 Series Routers*, and *System Management Configuration Guide for Cisco NCS 560 Series Routers*.

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console attach-sdr location

console attach-sdr location

To create console access to the named-SDRs, use **console attach-sdr location** command in System Admin Config mode.

console attach-sdr location node-id tty name tty-name sdr-name sdr-name

Syntax Description	console attach-sdr location Specifies the location of the RP. <i>node-id</i>				
	Note XR VMs RP can be either RP0 or RP1 based on the RP on which XR VM is active gets created first, similar to default-SDR.				
	tty name <i>tty-name</i> Specifies the name of tty. It can either be console1 or console2.				
	sdr-name <i>sdr-name</i> Specifies the named-SDR that can be accessed through console.				
	Note The consoles are per node base. They can be assigned to RP or standby RP. With console port assigned to standby RP, the standby console cannot be used for command input, similar to default-SDR.				
Command Default	None				
Command Modes	System Admin Config mode				
Command History	<table border="1"> <thead> <tr> <th>Release</th> <th>Modification</th> </tr> </thead> <tbody> <tr> <td>Release 7.0.1</td> <td>This command was introduced.</td> </tr> </tbody> </table>	Release	Modification	Release 7.0.1	This command was introduced.
Release	Modification				
Release 7.0.1	This command was introduced.				

- Usage Guidelines**
- With named-SDRs, you can either use console1 or console2 of RP to access XR VM. You can connect up to two named-SDRs at any given time.
 - Console attach CLI needs to be configured for both Active and Standby RPs.
 - On redundancy switchover, access is seamlessly transferred to the new RP. You need to connect to the new RPs console (similar to default-SDR).
 - When all the VMs are created, you need to issue console attach-sdr CLI to get console access to the XR console.

Example

The following example shows how to configure console access to named-SDR.

```
sysadmin-vm:0_RP0# configure
sysadmin-vm:0_RP0(config)# console attach-sdr location 0/RP0 tty-name console1 sdr-name
sdr2
sysadmin-vm:0_RP0(config)# console attach-sdr location 0/RP1 tty-name console1 sdr-name
```

```
sdr2
sysadmin-vm:0_RP0(config)# commit
```

placement reoptimize

placement reoptimize

To reoptimize the placement of processes to provide high availability, use the **placement reoptimize** command in the System Admin EXEC mode.

placement reoptimize

Syntax Description This command has no keywords or arguments.

Command Default None

Command Modes System Admin EXEC

Command History	Release	Modification
	Release 7.0.1	This command was introduced.

Usage Guidelines None

This example shows how to initiate a placement reoptimization of processes:

```
sysadmin-vn:0_RP0# placement reoptimize
Mon Jun 26 21:50:26.030 UTC
-----
Group-Name          Current-Placement      Reoptimized-Placement
-----
central-services    0/RP0/CPU1(0/RP1/CPU1)  0/RP0/CPU1(0/RP1/CPU1)
v4-routing          1/RP0/CPU1(NONE)        0/RP0/CPU1(0/RP1/CPU1)
netmgmt             1/RP0/CPU1(NONE)        0/RP0/CPU1(0/RP1/CPU1)
mcast-routing       0/RP0/CPU1(0/RP1/CPU1)  0/RP0/CPU1(0/RP1/CPU1)
v6-routing          1/RP0/CPU1(NONE)        0/RP0/CPU1(0/RP1/CPU1)
Group_0_1            0/RP0/CPU1(0/RP1/CPU1)  0/RP0/CPU1(0/RP1/CPU1)
Group_0_0            1/RP0/CPU1(NONE)        0/RP0/CPU1(0/RP1/CPU1)

Do you want to proceed with the reoptimization[y/n]y
Triggering reoptimize
Migration running in the background
Please don't trigger one more migration
```

sdr

To create a secure domain router (SDR) and to enter SDR configuration mode, use the **sdr** command in System Admin Config mode. To remove a secure domain router from the configuration, use the **no** form of this command.

sdr sdr-name

Syntax Description

sdr-name Name of the SDR to be created or modified.

Command Default

The system comes configured as a single secure domain router known as the *default-SDR*.

Command Modes

System Admin Config mode

Command History

Release

Modification

Release 7.0.1

This command was introduced.

Usage Guidelines

Use the **sdr** command to create an SDR or modify an existing SDR.



Note The *sdr-name* argument creates an SDR if the SDR specified for the *sdr-name* argument does not exist.

By default, a router running Cisco IOS XR software contains one SDR, the *default-SDR*. You can create multiple SDRs by deleting the *default-SDR*.

Use the **no** form of the command to remove a the SDR configuration. When an SDR is removed from the router configuration, all nodes included in the SDR configuration are returned to the default SDR inventory.

Maximum Number of SDR Configurations

A maximum of three named-SDRs can be configured.

The following example shows how to delete the *default-SDR*.

```
sysadmin-vm:0_RP0# configure
Thu Jun 25 09:36:03.496 UTC
Entering configuration mode terminal
sysadmin-vm:0_RP0(config)# no sdr default-sdr
sysadmin-vm:0_RP0(config)# commit
```

The following example shows how enter SDR configuration mode to configure an SDR.

```
sysadmin-vm:0_RP0# configure
sysadmin-vm:0_RP0(config)# sdr sdr1
sysadmin-vm:0_RP0(config-sdr-sdr1)#
```

sdr location

To reload, start, or shutdown a secure domain router (SDR), use the **sdr location** command in the System Admin EXEC mode.

```
sdr sdr-name location {node-id | all} {reload [coredump | force] | shut | start}
```

Syntax Description	<table border="0"> <tr> <td><i>sdr-name</i></td><td>Name of the SDR, default-sdr or named-SDR .</td></tr> <tr> <td><i>node-id</i></td><td>Selects the target location. The <i>node-id</i> is expressed in the rack/slot notation.</td></tr> <tr> <td>all</td><td>Selects all the nodes.</td></tr> <tr> <td>reload</td><td>Reloads the XR VM on the node.</td></tr> <tr> <td>coredump</td><td>Performs the VM core dump and then reloads the SDR.</td></tr> <tr> <td>force</td><td>Forces shutdown and does not wait for an orderly system shutdown.</td></tr> <tr> <td>shut</td><td>Shuts down the XR VM on the node.</td></tr> <tr> <td>start</td><td>Starts the XR VM on the node.</td></tr> </table>	<i>sdr-name</i>	Name of the SDR, default-sdr or named-SDR .	<i>node-id</i>	Selects the target location. The <i>node-id</i> is expressed in the rack/slot notation.	all	Selects all the nodes.	reload	Reloads the XR VM on the node.	coredump	Performs the VM core dump and then reloads the SDR.	force	Forces shutdown and does not wait for an orderly system shutdown.	shut	Shuts down the XR VM on the node.	start	Starts the XR VM on the node.
<i>sdr-name</i>	Name of the SDR, default-sdr or named-SDR .																
<i>node-id</i>	Selects the target location. The <i>node-id</i> is expressed in the rack/slot notation.																
all	Selects all the nodes.																
reload	Reloads the XR VM on the node.																
coredump	Performs the VM core dump and then reloads the SDR.																
force	Forces shutdown and does not wait for an orderly system shutdown.																
shut	Shuts down the XR VM on the node.																
start	Starts the XR VM on the node.																

Command Default	A single SDR named default-sdr is configured on the router and started. In case of SOST mode, a single SDR named default-sdr is configured on the router and started. In case of SOMT mode, one or more Named-SDRs is/are configured on the router and started.
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Command Modes	System Admin EXEC
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Command History	Release	Modification
	Release 7.0.1	This command was introduced.

Usage Guidelines	None
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This example shows how to reload the SDR:

```
sysadmin@vm:0_RP0#sdr default-sdr location 0/1 reload
```

sdr resources

To allocate resources for a secure domain router (SDR), use the **sdr resources** command in System Admin Config mode. To remove the allocated resources, use the **no** form of this command.

```
sdr {sdr-name | default-sdr} resources {card-type {lc | RP} [vm-cpu num-of-cpus | vm-memory memory-size]} | disk-space-size disk-space-size | fgid fgid | mgmt_ext_vlan ext-vlan-id}
```

Syntax Description	<p>sdr-name Specifies the name of the SDR. Permitted values are 1 to 30 characters (0-9,a-z,A-Z,-,_).</p> <p>default-sdr Specifies the default SDR.</p> <p>card-type Specifies the type of the card, that is RP or LC.</p> <p>vm-cpu num-of-cpus Specifies the number of VM CPUs.</p> <p>vm-memory memory-size Specifies the VM memory size in gigabytes.</p> <p>disk-space-size disk-space-size Specifies the size of the SDR disk space, as an unsigned integer.</p> <p>fgid fgid Specifies the fragment ID of the SDR, as an unsigned integer ranging from 25000 to 524288.</p> <p>mgmt_ext_vlan ext-vlan-id Specifies the management external VLAN for the SDR.</p>				
Command Default	None				
Command Modes	System Admin Config				
Command History	<table border="1"> <thead> <tr> <th>Release</th> <th>Modification</th> </tr> </thead> <tbody> <tr> <td>Release 7.0.1</td> <td>This command was introduced.</td> </tr> </tbody> </table>	Release	Modification	Release 7.0.1	This command was introduced.
Release	Modification				
Release 7.0.1	This command was introduced.				

Usage Guidelines This command must be used to fine tune the physical memory resources of each Cisco ASR 9000 High Density 100GE Ethernet line card in order to achieve full scale with Cisco IOS XR 64-bit BNG.

This command enforces to reboot the LC XR-VMs to adjust the requested resources like VM memory.

This example shows how to fine tune the memory for LC XR-VM by configuring resources for secure domain router:

BB/0/BPO/CPU0:router#admin

```
sysadmin-vm:0_RSP1(config)# sdr default-sdr resources card-type lc vm-memory 21
```

```
RP/0/RP0/CPU0:router#admin  
sysadmin-vm:0_RSP1# config  
sysadmin-vm:0 RSP1(config)# sdr default-sdr resources card-type lc vm-memory 21
```

sdr default-sdr re_pair

sdr default-sdr re_pair

To initiate re-pairing of RPs in the currently defined secure domain routers (SDRs), use the **sdr default-sdr re_pair** command in the System Admin EXEC mode.

sdr default-sdrre_pair

Syntax Description	default-sdr	Shows the details of the default SDR.				
	re_pair	Activates the re-pairing of RPs in the defined SDR.				
Command Default	None					
Command Modes	System Admin EXEC					
Command History	<table border="1"> <thead> <tr> <th>Release</th> <th>Modification</th> </tr> </thead> <tbody> <tr> <td>Release 7.0.1</td> <td>This command was introduced.</td> </tr> </tbody> </table>		Release	Modification	Release 7.0.1	This command was introduced.
Release	Modification					
Release 7.0.1	This command was introduced.					
Usage Guidelines	None					

This example shows how to display the pairing of the default SDR:

```
sysadmin-vm:0_RP0#sdr default-sdr re_pair
Fri May 19 21:22:36.625 UTC
Current Configuration
  0/RP0 1/RP1
  1/RP0 2/RP1
  2/RP0 0/RP1
Re_Paired Configuration
  0/RP0 1/RP1
  1/RP0 0/RP1
Would you like to proceed ? [yes/no]: yes
Proceeding with action
```

sdr default-sdr pairing-mode inter-rack

To enable pairing RPs between racks in a diasy chain algorithm defined secure domain routers (SDRs), use the **sdr default-sdr pairing-mode inter-rack** command in the System Admin EXEC mode. The inter-rack mode of pairing provides high availability against rack failures.

sdr default-sdr pairing-mode inter-rack

Syntax Description	default-sdr Shows the details of the default SDR. pairing-mode Specifies the pairing mode of RPs. inter-rack Enables the pairing of RPs between racks in a configuration.
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Command Default	A single SDR named default-sdr is configured on the router and started. In case of SOST mode, a single SDR named default-sdr is configured on the router and started. In case of SOMT mode, one or more Named-SDRs is/are configured on the router and started.
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Command Modes	System Admin EXEC
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Command History	Release	Modification
	Release 7.0.1	This command was introduced.

Usage Guidelines	None
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This example shows how to enable inter-rack pairing:

```
sysadmin-vm:0_RP0#sdr default-sdr pairing-mode inter-rack
```

sdr default-sdr pairing-mode intra-rack

sdr default-sdr pairing-mode intra-rack

To enable pairing of RPs within a rack, use the **sdr default-sdr pairing-mode intra-rack** command in the System Admin EXEC mode. The intra-rack mode of pairing is the default pairing mechanism as defined in the SDR.

sdr default-sdrpairing-modeintra-rack

Syntax Description	default-sdr Shows the details of the default SDR. pairing-mode Specifies the pairing mode of RPs. intra-rack Enables the pairing of RPs within a rack in a configuration.				
Command Default	A single SDR named default-sdr is configured on the router and started. In case of SOST mode, a single SDR named default-sdr is configured on the router and started. In case of SOMT mode, one or more Named-SDRs is/are configured on the router and started.				
Command Modes	System Admin EXEC				
Command History	<table border="1"> <thead> <tr> <th>Release</th> <th>Modification</th> </tr> </thead> <tbody> <tr> <td>Release 7.0.1</td> <td>This command was introduced.</td> </tr> </tbody> </table>	Release	Modification	Release 7.0.1	This command was introduced.
Release	Modification				
Release 7.0.1	This command was introduced.				
Usage Guidelines	None				

This example shows how to enable inter-rack pairing:

```
sysadmin-vm:0_RP0#sdr default-sdr pairing-mode intra-rack
```

sh placement reoptimize

To show the predictions from reoptimizing the placement of processes to provide high availability, use **sh placement reoptimize** command in the System Admin EXEC mode.

shplacement reoptimze

Syntax Description This command has no keywords or arguments.

Command Default None

Command Modes System Admin EXEC

Command History	Release	Modification
	Release 7.0.1	This command was introduced.

Usage Guidelines None

This example shows how to see the predictions for a placement reoptimization of processes:

```
sysadmin-vm:0_RP0#sh placement reoptimize
Mon Jun 26 21:49:24.504 UTC
-----
Group-Name          Current-Placement      Reoptimized-Placement
-----
central-services    0/RP0/CPU1 (0/RP1/CPU1)  0/RP0/CPU1 (0/RP1/CPU1)
v4-routing          1/RP0/CPU1 (NONE)        0/RP0/CPU1 (0/RP1/CPU1)
netmgmt             1/RP0/CPU1 (NONE)        0/RP0/CPU1 (0/RP1/CPU1)
mcast-routing       0/RP0/CPU1 (0/RP1/CPU1)  0/RP0/CPU1 (0/RP1/CPU1)
v6-routing          1/RP0/CPU1 (NONE)        0/RP0/CPU1 (0/RP1/CPU1)
Group_0_1            0/RP0/CPU1 (0/RP1/CPU1)  0/RP0/CPU1 (0/RP1/CPU1)
Group_0_0            1/RP0/CPU1 (NONE)        0/RP0/CPU1 (0/RP1/CPU1)
```

show sdr

show sdr

To display information about the currently defined secure domain routers (SDRs), pairing details, and reboot history, use the **show sdr location** command in the System Admin EXEC mode.

show sdr [sdr-name detail [location [node-id] | pairing | reboot-history location [node-id]]]

Syntax Description	<table border="0"> <tr> <td><i>sdr-name</i></td><td>Name of the SDR, default-sdr or named-SDR.</td></tr> <tr> <td><i>detail</i></td><td>Display detailed information for the local SDR.</td></tr> <tr> <td>location <i>node-id</i></td><td>Selects the target location. The <i>node-id</i> is expressed in the <i>rack/slot</i> notation.</td></tr> <tr> <td>pairing</td><td>Displays the SDR pairing information.</td></tr> <tr> <td>reboot-history</td><td>Displays the reboot history of the SDR.</td></tr> </table>	<i>sdr-name</i>	Name of the SDR, default-sdr or named-SDR .	<i>detail</i>	Display detailed information for the local SDR.	location <i>node-id</i>	Selects the target location. The <i>node-id</i> is expressed in the <i>rack/slot</i> notation.	pairing	Displays the SDR pairing information.	reboot-history	Displays the reboot history of the SDR.
<i>sdr-name</i>	Name of the SDR, default-sdr or named-SDR .										
<i>detail</i>	Display detailed information for the local SDR.										
location <i>node-id</i>	Selects the target location. The <i>node-id</i> is expressed in the <i>rack/slot</i> notation.										
pairing	Displays the SDR pairing information.										
reboot-history	Displays the reboot history of the SDR.										
Command Default	Displays all SDRs in the system.										
Command Modes	System Admin EXEC										
Command History	<table border="1"> <thead> <tr> <th>Release</th> <th>Modification</th> </tr> </thead> <tbody> <tr> <td>Release 7.0.1</td> <td>This command was introduced.</td> </tr> </tbody> </table>	Release	Modification	Release 7.0.1	This command was introduced.						
Release	Modification										
Release 7.0.1	This command was introduced.										
Usage Guidelines	No specific guidelines impact the use of this command.										

This example shows how to display the detailed information of the SDR:

```
sysadmin-vm:0_RP0# show sdr Internet-SDR detail
Sat Aug 27 06:05:36.757 UTC
-----SDR Detail at location 0/RP0/VM1-----
  SDR Id          2
  IP Address of VM      192.0.0.4
  MAC address of VM    64:F6:9D:78:FD:36
  Boot Partition        /dev/panini_vol_grp/xr_lv0
  Data Partition        /dev/pci_disk1/xr_data_lv0
  Big Disk Partition   /dev/pci_disk1/ssd_disk1_xr_2
  VM Id              1
  VM CPUs            4
  VM Memory[in MB]    11264
  Card Type           RP_Card
  Card Serial         SAL19058TGE
  Rack Type           Line_Card_Controller
  Chassis Serial      FLM184073K4
  Hardware Version    0.4
  Management External VLAN 12
  VM State            RUNNING
  Start Time          "08/11/2016 00:33:12"
  Reboot Count(Since VM Carving) 1
  Reboot Count(Since Card Reload) 1
                                08/11/2016 00:33:12 FIRST_BOOT
-----SDR Detail at location 0/RP1/VM1-----
```

```

SDR Id          2
IP Address of VM 192.0.4.4
MAC address of VM 4C:4E:35:B6:94:BC
Boot Partition   /dev/panini_vol_grp/xr_lv0
Data Partition   /dev/pci_disk1/xr_data_lv0
Big Disk Partition /dev/pci_disk1/ssd_disk1_xr_2
VM Id           1
VM CPUs         4
VM Memory[in MB] 11264
Card Type       RP_Card
Card Serial     SAL1830XFD5
Rack Type       Line_Card_Controller
Chassis Serial   FLM184073K4
Hardware Version 0.4
Management External VLAN 12
VM State        RUNNING
Start Time      "08/11/2016 00:33:01"
Reboot Count(Since VM Carving) 1
Reboot Count(Since Card Reload) 1
                           08/11/2016 00:33:01 FIRST_BOOT
-----SDR Detail at location 0/6/VM1-----
SDR Id          2
IP Address of VM 192.0.88.3
MAC address of VM E2:3B:46:4F:8D:05
Boot Partition   /dev/panini_vol_grp/xr_lv0
Data Partition   /dev/panini_vol_grp/xr_data_lv0
Big Disk Partition (null)
VM Id           1
VM CPUs         3
VM Memory[in MB] 6383
Card Type       LC_Card
Card Serial     SAD161300T5
Rack Type       Line_Card_Controller
Chassis Serial   FLM184073K4
Hardware Version 0.2
Management External VLAN 12
VM State        RUNNING
Start Time      "08/11/2016 00:32:48"
Reboot Count(Since VM Carving) 1
Reboot Count(Since Card Reload) 1
                           08/11/2016 00:32:48 FIRST_BOOT

```

This example shows how to display the SDR pairing information:

```

sysadmin-vm:0_RP0# show sdr Internet-SDR pairing
Sat Aug 27 06:01:08.174 UTC
Pairing Mode AUTOMATIC
SDR Lead
  Node 0 0/RP0
  Node 1 0/RP1
Pairs
  Pair Name Pair0
    Node 0 0/RP0
    Node 1 0/RP1

```

This example shows the output of the **show sdr** command:

This example shows the output of the **show sdr <sdr-name> reboot-history**

```

sysadmin-vm:0_RP0# show sdr Internet-SDR reboot-history
Sat Aug 27 06:06:42.315 UTC

```

```

Reboots
Since

```

show sdr

Location	Created	Reason
0/RP0/VM1	1	08/11/2016 00:33:12 FIRST_BOOT
0/RP1/VM1	1	08/11/2016 00:33:01 FIRST_BOOT
0/6/VM1	1	08/11/2016 00:32:48 FIRST_BOOT
<pre>sysadmin-vm:0_RP0#show sdr Fri Aug 23 10:22:21.540 UTC sdr default-sdr location 0/RP0 sdr-id 2 IP Address of VM 192.0.0.4 MAC address of VM E0:50:07:FA:99:06 VM State RUNNING start-time 2013-08-23T10:17:34.33455+00:00 Last Reload Reason CARD_SHUTDOWN Reboot Count 1 location 0/RP1 sdr-id 2 IP Address of VM 192.0.4.4 MAC address of VM E2:3A:D7:21:9E:06 VM State RUNNING start-time 2013-08-23T10:17:33.387279+00:00 Last Reload Reason CARD_SHUTDOWN Reboot Count 1 location 0/0 sdr-id 2 IP Address of VM 192.0.64.3 MAC address of VM E0:50:91:A2:D7:05 VM State RUNNING start-time 2011-01-01T00:04:20.921688+00:00 Last Reload Reason CARD_SHUTDOWN Reboot Count 1 location 0/1 sdr-id 2 IP Address of VM 192.0.68.3 MAC address of VM E2:3B:41:C3:83:05 VM State RUNNING start-time 2011-01-01T00:07:09.249358+00:00 Last Reload Reason CARD_SHUTDOWN Reboot Count 1</pre>		

show sdr default-sdr pairing

To display information about the pairing details of the currently defined secure domain routers (SDRs), use the **show sdr default-sdr pairing** command in the System Admin EXEC mode.

show sdr default-sdr pairing

Syntax Description	default-sdr	Shows the details of the default SDR.				
	pairing	Displays the pairing of RPS in the SDR.				
Command Default	A single SDR named default-sdr is configured on the router and started. In case of SOST mode, a single SDR named default-sdr is configured on the router and started. In case of SOMT mode, one or more Named-SDRs is/are configured on the router and started.					
Command Modes	System Admin EXEC					
Command History	<table border="1"> <thead> <tr> <th>Release</th> <th>Modification</th> </tr> </thead> <tbody> <tr> <td>Release 7.0.1</td><td>This command was introduced.</td></tr> </tbody> </table>		Release	Modification	Release 7.0.1	This command was introduced.
Release	Modification					
Release 7.0.1	This command was introduced.					
Usage Guidelines	None					

This example shows how to display the pairing of the default SDR:

```
sysadmin-vm:0_RP0#show sdr default-sdr pairing
Fri May 19 21:23:039.938 UTC
Pairing Mode INTER-RACK
SDR Lead
  Node 0 0/RP0
  Node 1 1/RP1
Pairs
  Pair Name Pair0
    Node 0 0/RP0
    Node 1 1/RP1
Pairs
  Pair Name Pair1
    Node 0 1/RP0
    Node 1 0/RP1
```

show sdr-manager trace

show sdr-manager trace

To display SDR manager trace details, use the **show sdr-manager trace** command in the System Admin EXEC mode.

show sdr-manager trace {all trace-name} location node-id [all trace-attribute]

Syntax Description	<tr> <td><i>trace-name</i></td><td>Trace buffer name.</td></tr>	<i>trace-name</i>	Trace buffer name.
<i>trace-name</i>	Trace buffer name.		
location node-id	Specifies the target location. The <i>node-id</i> argument is expressed in the <i>rack/slot</i> notation.		
<i>trace-attributes</i>	Trace attribute.		
all	Displays all the details.		

Command Default	None				
Command Modes	System Admin EXEC				
Command History	<table border="1"> <thead> <tr> <th>Release</th> <th>Modification</th> </tr> </thead> <tbody> <tr> <td>Release 7.0.1</td> <td>This command was introduced.</td> </tr> </tbody> </table>	Release	Modification	Release 7.0.1	This command was introduced.
Release	Modification				
Release 7.0.1	This command was introduced.				

Usage Guidelines This command displays the SDR manager debug traces that are meant only for diagnostics.

This example shows how to display the SDR manager trace details:

```
sysadmin-vm:0_RP0#show sdr-manager trace all location 0/0 timestamp
Fri Aug  9  07:02:28.644 UTC
06.55.47.185784448:1376031347185784662:sdr_mgr SDR MGR started
06.55.47.187332096:1376031347187332362: @msc_entity id="0/19581" display_name="sdr_mgr"
06.55.47.187343744:1376031347187344066:@msc_event entity_id="0/19581/19581"
time="1376031347187344066" label="requesting connection to syslog (CAPI hdl=0x1bcad60, CIPC
hdl = 0x1bcb0a0)" type="Connection" completed="false"
06.55.47.187395968:1376031347187396272:DS handle 0x1bcad60 instantiated for syslog client
handle
06.55.47.187745024:1376031347187745236: @msc_entity id="0/19581" display_name="sdr_mgr"
06.55.47.188629504:1376031347188629812:@msc_event entity_id="0/19581/19581"
time="1376031347188629812"
label="requesting connection to calvados_ds (CAPI hdl=0x1bee4a0, CIPC hdl = 0x1bee8d0)"
type="Connection" completed="false"
06.55.47.188833024:1376031347188833246:@msc_event entity_id="0/19581/19581"
time="1376031347188833246" label="connecting to calvados_ds with endpoint (0x7f000001, 7400)
hdl=0x0x1bee4a0)" type="Connection" completed="false"
@msc_source pairing_id="0/19581/con_0x1bee4a0" type="Lane"
06.55.47.189353600:1376031347189353766:CIPC:CONN (hdl=0x1bee8d0):cipc_connect():
invoked on endpoint (127.0.0.1, 7400)
06.55.47.189588736:1376031347189588924:CIPC:INFO (hdl=0x1bee8d0):socket_connect():
async socket connection in progress
```

```
06.55.47.190383488:1376031347190383718:SMIL: set 0xlafa8d0 created
06.55.47.190388352:1376031347190388492:DEBUG: sdr_main_fsa_init
```

show sdr-manager trace