

eXR:默认管理接口映射

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问题

我们在ASR-9901上看不到第二个管理接口。

```
Intf Intf LineP封装MTU BW
```

```
名称状态类型 ( 字节 ) (Kbps)
```

```
Nu0 up Null 1500 0
```

```
Mg0/RSP0/CPU0/0上行ARPA 1514 1000000
```

```
Gi0/0/0/0up ARPA 1514 1000000
```

答案

在eXR中，XR VM可使用一个MgmtEth，管理VM可使用另一个MgmtEth接口。



```
RP/0/RSP0/CPU0:ios#sho interfaces brief | include Mg
Fri Jun 23 08:17:48.427 UTC
Mg0/RSP0/CPU0/0 admin-down admin-down
Mg0/RSP1/CPU0/0 up up

RP/0/RSP0/CPU0:ios#admin
Fri Jun 23 08:20:12.545 UTC

cisco connected from 127.0.0.1 using console on host
sysadmin-vm:0 RSP0# show interface ?
Description: Management Interfaces
Possible completions:
MgmtEth0/RSP0/0/0
MgmtEth0/RSP1/0/0
```

IOS XR 64 Bit



```
RP/0/RSP1/CPU0:ASR9904-2#show interfaces brief
Sat Jun 24 09:54:42.700 UTC
Mg0/RSP0/CPU0/0 admin-down admin-down
Mg0/RSP0/CPU0/1 admin-down admin-down
Mg0/RSP1/CPU0/0 up up
Mg0/RSP1/CPU0/1 admin-down admin-down
RP/0/RSP1/CPU0:ASR9904-2#
```

Classic IOS XR

CLI输出

```
P/0/RSP1/CPU0:ASR-9904-eXR#show interfaces brief |i Mg
```

10月10日星期四08:07:37.708 HKT

```
Mg0/RSP0/CPU0/0上行ARPA 1514 100000
```

```
Mg0/RSP1/CPU0/0向下关闭ARPA 1514 1000000
```

```
RP/0/RSP1/CPU0:ASR-9904-eXR#admin
```

10月10日星期四08:07:42.689 HKT

syszaidi从127.0.0.1连接，使用sysadmin-vm:0_RSP0上的控制台

```
sysadmin-vm:0_RSP0# show interface ?
```

描述:管理接口

可能的完成：

```
MgmtEth0/RSP0/0/0
```

```
MgmtEth0/RSP1/0/0
```

|输出修饰符

<cr>

```
sysadmin-vm:0_RSP0# show interface
```

常见问题：

1)能否在管理VM中配置管理接口？

是，可以使用IP地址进行配置，如下所示：

```
sysadmin-vm:0_RSP0(config)# int MgmtEth 0/RSP0/0/0 ? Possible completions: arp Configure static  
ARP entry default-gw Default Gateway address: A.B.C.D ipv4 IPv4 parameters mtu MTU for interface  
shutdown Shut the interface down
```

2)我能否将此mgmt ip用于telnet/ssh或带外访问？

不，此接口不对外部世界开放。

3)管理VM中的mgmt接口有何用途？

此接口可用于使用mgmt将文件从路由器复制到外部位置。接口。

4)如果用户关闭管理VM中的管理接口，我们是否会失去对管理VM的访问权限？

否，关闭接口不会阻止对管理VM的访问，请检查以下内容：

```
sysadmin-vm:0_RSP0(config)# interface MgmtEth 0/RSP0/0/0 Wed Mar 31 19:20:15.547 UTC+00:00
sysadmin-vm:0_RSP0(config-MgmtEth-0/RSP0/0/0)# shut Wed Mar 31 19:20:19.472 UTC+00:00 sysadmin-
vm:0_RSP0(config-MgmtEth-0/RSP0/0/0)# commit Wed Mar 31 19:20:22.438 UTC+00:00 Commit complete.
sysadmin-vm:0_RSP0(config-MgmtEth-0/RSP0/0/0)# sysadmin-vm:0_RSP0(config-MgmtEth-0/RSP0/0/0)#
sysadmin-vm:0_RSP0(config-MgmtEth-0/RSP0/0/0)# exit Wed Mar 31 19:20:25.529 UTC+00:00 sysadmin-
vm:0_RSP0(config)# exit Wed Mar 31 19:20:27.353 UTC+00:00 sysadmin-vm:0_RSP0# sysadmin-
vm:0_RSP0# sysadmin-vm:0_RSP0# sh int Wed Mar 31 19:20:29.235 UTC+00:00 MgmtEth0/RSP0/0/0 Link
encap: Ethernet HWaddr 02:b3:90:92:72:98 inet addr: 0.0.0.0 DOWN BROADCAST MULTICAST MTU:1500
Metric:1 <<< port is down. RX packets: 0 errors:0 dropped:0 overruns:0 frame:0 TX packets: 5
errors:0 dropped:0 overruns:0 carrier:0 collisions:0 txqueuelen:1000 RX bytes: 0 TX bytes: 398
sysadmin-vm:0_RSP0# exit Wed Mar 31 19:20:34.518 UTC+00:00 RP/0/RSP0/CPU0:ASR-9904-E-eXR_NPE1#
RP/0/RSP0/CPU0:ASR-9904-E-eXR_NPE1# RP/0/RSP0/CPU0:ASR-9904-E-eXR_NPE1# RP/0/RSP0/CPU0:ASR-9904-
E-eXR_NPE1#admin Wed Mar 31 19:20:36.732 UTC saavadha connected from 127.0.0.1 using console on
sysadmin-vm:0_RSP0 sysadmin-vm:0_RSP0# exit <<< we are still able to connect to the admin VM.
Wed Mar 31 19:20:41.461 UTC+00:00 RP/0/RSP0/CPU0:ASR-9904-E-eXR_NPE1# RP/0/RSP0/CPU0:ASR-9904-E-
eXR_NPE1# RP/0/RSP0/CPU0:ASR-9904-E-eXR_NPE1#conf t Wed Mar 31 19:20:44.587 UTC
RP/0/RSP0/CPU0:ASR-9904-E-eXR_NPE1(config)#exit RP/0/RSP0/CPU0:ASR-9904-E-eXR_NPE1#
RP/0/RSP0/CPU0:ASR-9904-E-eXR_NPE1#admin conf Wed Mar 31 19:21:03.263 UTC Mar 31 19:21:03 :
ADMIN-CLI: ERROR: ABORT: Please run this command from admin prompt RP/0/RSP0/CPU0:ASR-9904-E-
eXR_NPE1#admin Wed Mar 31 19:21:05.319 UTC saavadha connected from 127.0.0.1 using console on
sysadmin-vm:0_RSP0 sysadmin-vm:0_RSP0# con Possible completions: config Manipulate software
configuration information controller Access to hardware controller data sysadmin-vm:0_RSP0#
config Wed Mar 31 19:21:09.125 UTC+00:00 Entering configuration mode terminal sysadmin-
vm:0_RSP0(config)# interface MgmtEth 0/RSP0/0/0 Wed Mar 31 19:21:19.887 UTC+00:00 sysadmin-
vm:0_RSP0(config-MgmtEth-0/RSP0/0/0)# no shut Wed Mar 31 19:21:21.662 UTC+00:00 sysadmin-
vm:0_RSP0(config-MgmtEth-0/RSP0/0/0)# commit Wed Mar 31 19:21:23.798 UTC+00:00 Commit complete.
sysadmin-vm:0_RSP0(config-MgmtEth-0/RSP0/0/0)# exit Wed Mar 31 19:21:25.293 UTC+00:00 sysadmin-
vm:0_RSP0(config)# exit Wed Mar 31 19:21:26.162 UTC+00:00 sysadmin-vm:0_RSP0# sysadmin-
vm:0_RSP0# sysadmin-vm:0_RSP0# sh int Wed Mar 31 19:21:27.967 UTC+00:00 MgmtEth0/RSP0/0/0 Link
encap: Ethernet HWaddr 02:b3:90:92:72:98 inet addr: 0.0.0.0 UP RUNNING BROADCAST MULTICAST
MTU:1500 Metric:1 RX packets: 0 errors:0 dropped:0 overruns:0 frame:0 TX packets: 11 errors:0
dropped:0 overruns:0 carrier:0 collisions:0 txqueuelen:1000 RX bytes: 0 TX bytes: 906 sysadmin-
vm:0_RSP0#
```