

## RCMS    RLS

**1**

LIMP

RCMS

## 2

rls

1 rcms ( )

2 rls ( )

3      linp      IP(      )

4 ( )

5 Limp

6 rls

## 2.1 rcms

rcms

rcms\_config.ini

```
RCMS#r1s load-config
```

## 2.2 rls

r l s

r l s

LIMP

RCMS

```
RCMS(config)#r1s enable
```

## 2.3 limp IP

$$) \quad \text{IP} \quad \text{LIMP} \quad \text{IP} \quad ( \quad \text{IP}$$
$$\text{rls ip } IP$$

RCMS(config)#rls ip 192.168.201.19

2.4

rcms

tty

tty

rcms

15

facility enable level *num* secret {0|7} *line*

rcms(config-line)#facility enable level 1 secret 0 w

2.5 LIMP

rcms

LIMP

id

id

show rls

session

clea rls session [*id num*]

:

RCMS#clear rls session

RCMS#clear rls session id 41

2.6 rls

| rls                                     | :                 |
|-----------------------------------------|-------------------|
| clea rls infomation [ <b>port num</b> ] | rcms<br>port port |
| show rls command-string                 | rcms              |
| show rls infomation                     | tty               |
| debug rls                               | rls               |

show rls information

PORT:0 idle

book id:0 , user ip:0.0.0.0 , autosave interval:0

facility type 0 , facility vendor:0

time left:0, facility is not ready and not allow use

PORT:1 idle

book id:0 , user ip:0.0.0.0 , autosave interval:0

facility type 0 , facility vendor:0

time left:0, facility is not ready and not allow use

PORT:2 idle

book id:90 , user ip:192.168.196.2 , autosave interval:600

facility type 3 , facility vendor:1

time left:0, facility is not ready and allow use

PORT:3 idle

book id:0 , user ip:0.0.0.0 , autosave interval:0

facility type 0 , facility vendor:0

time left:0, facility is not ready and not allow use

PORT:4 idle

book id:0 , user ip:0.0.0.0 , autosave interval:0

facility type 0 , facility vendor:0

time left:0, facility is not ready and not allow use

PORT:5 idle

book id:0 , user ip:0.0.0.0 , autosave interval:0

facility type 0 , facility vendor:0

time left:0, facility is not ready and not allow use

PORT:6 idle

book id:0 , user ip:0.0.0.0 , autosave interval:0

facility type 0 , facility vendor:0

time left:0, facility is not ready and allow use

PORT:7 idle

book id:0 , user ip:0.0.0.0 , autosave interval:0

facility type 0 , facility vendor:0

time left:0, facility is not ready and not allow use

PORT:8 idle

book id:0 , user ip:0.0.0.0 , autosave interval:0

facility type 0 , facility vendor:0

time left:0, facility is not ready and not allow use

|                   |       |    |               |
|-------------------|-------|----|---------------|
| RCMS 2003(line 3) | 1     | 3  | NGSA          |
| idle              | ID 90 | IP | 192.168.196.2 |

time left:0 0

**debug rls**

2003 ( RCMS )  
RCMS(config)#RLS net60:recv packet len:40 , cur\_size:40  
RLS net60:recv packet type:0,sub\_head:16  
RLS net60: recv basic info  
RLS net60 : get info . tty num :2  
Recv basic info: port:2 , book id:89 , facility type 3 ,vendor:1  
time length:354, user ip 192.168.196.2 , flag:1  
2003 1 s a b y e @ H e r i v a l d y c a ñ t t , l o y e ã n b v é , x m d C l e n g t 0 2 0 1 6 P 8 D 9 1 8 1 B B 1 @ a - T C 2 \_ O M C T f 0 T c - 3 6 < . 4 9 7 0 T o

TTY 2: tty down config

TTY 2 rx ring :0

TTY 2: tty reload

disable

enable

Tty 2 , disable

Tty 2 , facility ready

RLS net42:recv packet len:8 , cur\_size:8

RLS net42:recv packet type:2,sub\_head:0

RLS net42: recv disconnect user packet

RLS net42: Disconnect telnet TTY num :2

RLS net42: recv process ret:0

RLS net :listen :39

RLS inter2 :Recv msg 6

RLS inter2 :proc msg 6

Rls inter 2:Recv disconnect msg.

RLS net60:recv packet len:40 , cur\_size:40

RLS net60:recv packet type:3,sub\_head:32

RLS net60: recv pick config packet

RLS net60:Recv pick config: port:2 , config name:89\_2003.txt

RLS net60: recv process ret:0

RLS net :listen :39

RLS inter2 :Recv msg 3

disable

enable

TTY 2:write ok

TTY 2 rx ring :0

Tty 2 , Get config file length :2048

2048

## LIMP

### 3

```
limp                                ip: 192.168.196.2,  
ip: 192.168.196.30.    2001(line tty 1)          aaa
```

```
version 8.51 (building 51a)  
hostname RCMS  
!  
rls enable  
rls ip 192.168.196.2  
rls ip 192.168.196.30  
!  
!  
no service password-encryption  
!  
!  
interface FastEthernet 1/0  
    duplex auto  
    speed auto  
!  
interface FastEthernet 1/1  
    ip address 192.168.196.28 255.255.255.0  
    duplex auto  
    speed auto  
!  
interface Null 0  
!  
!  
line con 0  
line aux 0  
line tty 1  
    facility enable level 15 secret 0 aaa
```

```

no login
line vty 3 4
no exec
transport input telnet
exec-timeout 0 0
privilege level 15
no login
line vty 5 8
no exec
transport input telnet
privilege level 15
no login
line vty 9 19
privilege level 15
no login
!
!
end

```

## 4 rcms

rcms

RLS

RLS

RLS

:

rcms

```

# 1- 1
KEY1 = STRING1
KEY2 = STRING2

```

...

```

# 1- 2
KEY1 = STRING1
KEY2 = STRING2

```

```

# 1- 1

```

```

! 1 1 , S2126G
down_cfg = delete flash:vlan.dat;copy xmodem startup-config;;
down_sens = copy xmodem flash:script.text;;
up_cfg = copy startup-config xmodem;;
clear_config = copy flash:default.text flash:config.text;;
reload = reload ;n;;

```

```

reload_wait_time = 30
# 1- 2
!          1          2 ,
down_cfg  = copy xmodem startup-config;
down_sens = copy xmodem flash:script.text;y;
up_cfg    = copy startup-config xmodem;
clear_config      = copy flash:default.text flash:config.text;
reload            = reload ;y;;
reload_wait_time = 30

```

```

! :
; :
# num1-num2:
    num1          ,      1-6 1
    num2          ,
        1
        2
        3-16          S29
        3

```

KEY

```

down_cfg :
down_sens:
up_cfg   :
clear_config:
reload   :
reload_wait_time :

```

STRING:

```

( reload)
','
reload
:
router#reload
Processed with reload? [no]y

1 reload,
2 y

reload :reload;y;

```



