

RCMS RLS

1

LIMP

RCMS

2

rls

1 rcms ()

2 rls ()

3 limp IP()

4 ()

5 Limp

6 rls

2.1 rcms

rcms

rcms_config.ini

```
RCMS#rls load-config
```

2.2 rls

rls

LIMP

RCMS

rls

```
RCMS(config)#rls enable
```

2.3 limp IP

```
) IP LIMP IP ( IP
```

```
rls ip IP
```

```
RCMS(config)#rls ip 192.168.201.19
```

2.4

```
rcms tty rcms tty
```

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
```

clear session [*id num*]

:

```
RCMS#clear rls session
```

```
RCMS#clear rls session id 41
```

2.6 rls

rls

:

| | |
|--|-------------------|
| | |
| clear rls information [<i>port num</i>] | rcms port port |
| show rls command-string | rcms |
| show rls information | 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 save interval:600 , sensitive cmd length:0 r€P,(¼)C T Đ@à`
```

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 6

disable

enable

TTY 2:write ok

TTY 2 rx ring :0

Tty 2 , Get config file length :2048

2048

disable

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  
!  
rfs enable  
rfs ip 192.168.196.2  
rfs 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  
3
```

```

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 ;;;

```

```

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;

```

