

AddPac VoIP Gateway Series

Release Note

V6.120

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1. New added function

1.1. Polling

This function is that connection is close by force if there is no RX RTP packet connecting between gateways. You can control polling timer by tpoll setting in timeout category.

Related command

```
router(config)# voice-port 0/0
```

```
router(config-voice-port-0/0)# connection polling
```

```
router(config-voice-port-0/0)# connection plar-with-polling ?
```

```
<[0-9#*]+> Destination digits
```

plar-with-polling command is adding polling function setting on connection plar.

```
router(config)# voice service voip
```

```
router(config-vservice-voip)# time tpoll <timeout value>
```

1.2. DNS Update

It is for registering dynamic IP address of gateway in Broadcasting system.

DNS update packet is forwarding to DNS server when gateway's IP address was changed.

command

```
router(config)# nsupdate ?
```

domain-name	Set Domain name for local
interval	Set nsupdate request interval when update fail
nameserver	Set Domain Name server address
timeout	Set nsupdate request timeout count when update fail
ttl	Set TTL value
verbose	Set verbose (display debugging information)

```
router(config)# nsupdate domain-name <name>
```

setting Local domain-name

```
router(config)# nsupdate nameserver <IP address>
```

indicate IP address of Domain server.

Default value : If Update is failed, it attempts for 10 seconds. TTL value is 60secs

```
router(config)# interface eth 0 0
```

```
router(config-ether0.0)# ip nsupdate ?
```

```
domain-name    Set Domain name for this interface
```

```
<cr>
```

When IP address of gateway was changed, it update DNS server if this setting applied.

1.3. VPMS (VoIP Plug & Play Management System)

You can control easily Gateway default setting, changing Firmware Autoupgrade configuration and Debugging.

command

```
router(config)# ems-server ?
```

```
key                set shared key (secret key)
```

```
host                set EMS server address
```

```
provisioning-required set when provisioning is required from EMS
```

```
retransmit         set retransmit counter value (default 3 times)
```

```
status-interval    set status report interval (default 5 min.)
```

```
timeout            set retransmit timeout value (default 3 seconds)
```

```
router(config)# ems-server key <string>
```

EMS server's authentication shared key(password) setting

```
router(config)# ems-server host ?
```

```
<A.B.C.D>         set IP address of EMS server
```

```
alias             set domain name of EMS server
```

EMS Server's IP address or domain name setting

```
router(config)# ems-server provisioning-required
```

Request registering to EMS server.

Default value : interval value of status information period with EMS server is 5 minutes, and timeout value is 3 by 3 secs.

1.4. RADIUS Accounting function

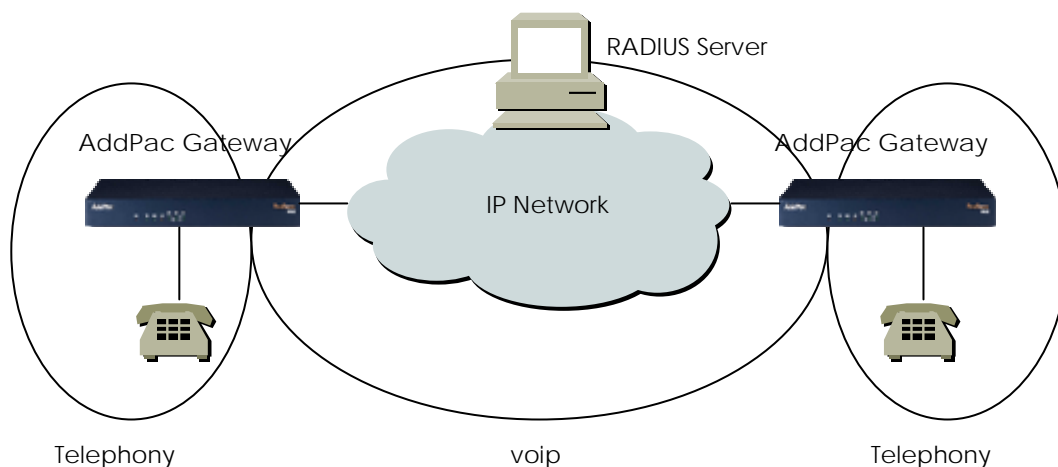
Before : CDR is send to CDR server by syslog protocol.

After : CDR is send to CDR server by syslog protocol and RADIUS protocol. It is for compatible operation with Cisco.

command

router(config)# radius ?

accounting	set accounting option
cisco-vsa	enable Cisco Vender Specific Attributes
key	set shared key (secret key)
host	set radius server address
retransmit	set retransmit counter value (default 3 times)
timeout	set retransmit timeout value (default 3 seconds)



- router(config)# radius accounting ?

telephony	set telephony accounting event option
voip	set voip accounting event option

- router(config)# radius accounting telephony ?

none	disable all event
start-stop	start and stop of a session
stop-only	only stop of a session

- default : disable

1.5. SIP-UA

SIP User Agent function.

SIP System consist of User Agent and Network Server. User Agent is terminal, it is operated function like H.323 terminal, generally it is operated as UAC(User Agent Client, request call) and UAS(User Agent Server, acknowledge call)

When User Agent need to be registered Network Server, it need to being set.

command

```
router(config)# sip-ua
```

```
router(config-sip-ua)# ?
```

no	set to default configuration
register	try registration to sip registrar
signalling-port	set SIP signalling port (default 5060)
sip-server	Configure a SIP Server Interface
sip-username	Set Username of SIP User Agent
sip-password	Set Password of SIP User Agent
timeout	Set timeout value
end	Go to Top menu
exit	Exit from the EXEC

```
router(config-sip-ua)# sip-server ?
```

<A.B.C.D>	set SIP Server IP address
<cr>	

```
router(config-sip-ua)# register ?
```

e164	set SIP REGISTER with E164 port
gateway	set SIP REGISTER with Gateway

```
router(config-sip-ua)# timeout ?
```

tretry	set SIP retry timeout value (msec)
treg	set SIP REGISTER timeout value (sec)

```
router(config-sip-ua)# sip-username <string>
```

Input username registered in proxyserver (Not limited length)

```
router(config-sip-ua)# sip-password <string>
```

input password registered in proxyserver
default : disable

```
router(config-dialpeer-voip-1000)# session protocol ?
```

sip	use SIP
-----	---------

```
router(config-dialpeer-voip-100)# session target ?
```

<A.B.C.D>	Set session target IP address
ras	Use gatekeeper to get IP address
sip-server	Use SIP server to get IP address

1.6. Keep-gk-on-rrj

After Gateway set Primary, Secondary gatekeeper, When it receive RRJ from gatekeeper, it doesn't switching(primary -> secondary, secondary -> primary).

(default : disable)

command

```
router(config)# gateway
```

```
router(config-gateway)# keep-gk-on-rrj
```

```
router(config)# voice service voip
```

```
router(config-vservice-voip)# timeout treg2 <timeout value>
```

2. Function be changed

2.1. Gatekeeper added function

It is security option between gateway and gatekeeper. If you set secure token with gateway, you should use command "**secure password**". If password is enable, gateway should send message to gatekeeper with Crypto token. Crypto Token is MD5 Hashed and When gatekeeper register gateway and permit call, their password must be same.

command

```
router(config-gk)# security password <string>
```

default : disable

2.2. Call-ID

It is enable to display Caller ID and Name

command

```
router(config-voice-port-1/0)# caller-id name ?
```

enable enable name field

disable disable name field

default : enable

2.3. Domain name

You can input domain name (substituting IP address of VoIP-peer와 gatekeeper).

command

```
router(config)# dial-peer voice 1000 voip
```

```
router(config-dialpeer-voip-1000)# session target <domain name>
```

```
router(config)# gateway
```

```
router(config-gateway)# gkip <domain name>
```