

Revision : 6.10

Added Function

Gatekeeper Function is embedded into AddPac VoIP Gateway

Now, gatekeeper feature is embedded into AddPac VoIP gateway in order to solve the dynamic IP changing of gateway and extremely easier configuration of a lot of gateways for main-branch offices.

The gatekeeper can be configured as hot-standby relationship to solve the network or system fault on the gatekeeper. Normally, the primary gatekeeper is providing gatekeeper service to gateways and the secondary gatekeeper is in operational down status with monitoring primary gatekeeper. Whenever the primary gatekeeper become to be unavailable or abnormal, the secondary gatekeeper wake up to provide service.

This feature is applied to AP1000, AP1005, AP2110, AP2120, AP2520, AP3100, AP3120, AP3220 models.

- Related Commands

Below commands are configuration commands

```
ap2520-A(config)# gatekeeper ?
ap2520-A(config-gk)# ?
primary-gk      set primary GK address when this is secondary GK
server          set gatekeeper server parameter
shutdown       shutdown gatekeeper
timer          set timer
no              set to default configuration
show           show running system information
end            Go to Top menu
exit           Exit from the EXEC
```

```
ap2520-A(config-gk)# server ?
identifier      set gatekeeper ID
port           set gatekeeper service UDP port (default 1719)
```

```
ap2520-A(config-gk)# server identifier ?
string         string
```

```
ap2520-A(config-gk)# server port ?
<1 - 65535>    UDP port
```

```
ap2520-A(config-gk)# timer ?
ttl           set time to live timer
```

```
ap2520-A(config-gk)# timer ttl ?
<10-86400>          seconds
```

```
ap2520-A(config-gk)# primary-gk ? ← When this is secondary GK set
                                primary GK address to polling.
<A.B.C.D>          set gatekeeper IP address
```

```
ap2520-A(config-gk)# no shutdown ? ← Enable gatekeeper service
```

Below commands shows gatekeeper status and information

```
ap2520-A(config-gk)# show gatekeeper status
Gatekeeper Server Information
  Administrative status = Up
  Operational status = Shutdowned
  GK ID = AddPacGK
  GK port = 1719
  Timer TTL value = 60
  Primary GK = 172.16.3.208:1719
```

```
ap2520-A(config-gk)# show gatekeeper endpoints
Gatekeeper Registered Endpoints
```

```
=====
Total number of registered endpoints = 0
Total number of registered aliases   = 0
```

EP_ID	SignalAddr	Port	RASAddr	Port	Prefix & Alias
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Below commands are useful for debugging

```
ap2520-A# debug voip gatekeeper
```

Default value

Gatekeeper service is shutdowned.