

# VoIP Gateway Series



APOS™ SIP Server with DHCP  
(DHCP option 120)

**AddPac**

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- DHCP Option
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# DHCP Option 120

- DHCP Option
  - DHCP Option for Session Initiation Protocol (SIP) Servers
  - Defined at RFC3361 (Standards Track)
  - SIP Server information Encoding
    - Domain Name List (enc = 0)
    - IPv4 Address List ( end = 1)

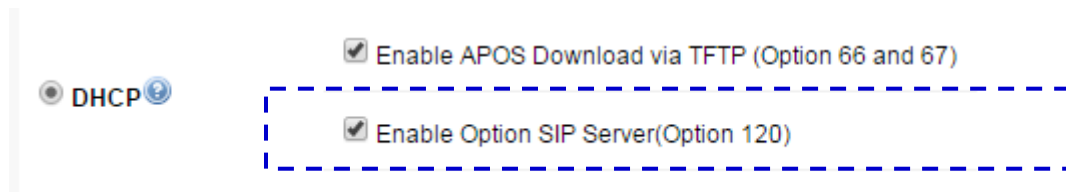
# Enable DHCP Option (CLI)

- **CLI**

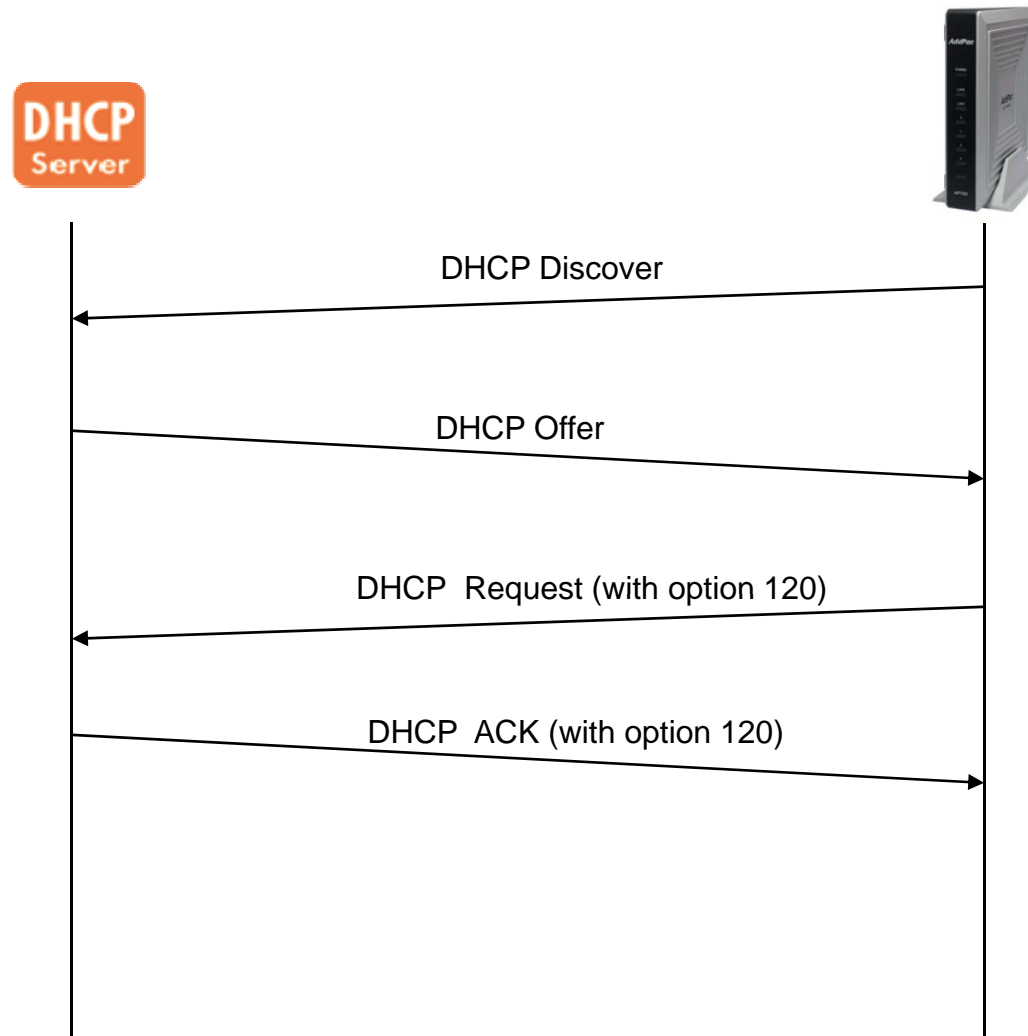
```
!  
interface FastEthernet0/0  
ip address dhcp  
ip dhcp unicast  
ip dhcp request option 120  
speed auto  
!
```

# Enable DHCP Option (Smart Web)

- HTTP Server
  - System WAN Setup



# DHCP Message Flow



# Firmware Update Procedure

- Received DHCP ACK Message
  - Check DHCP Option 120
  - If option exist
    - Decoding SIP Server Information (enc=0 or enc=1)
    - Compare DHCP SIP Server and Local SIP Server
    - If same, no action
    - If not same
      - Unregister Current SIP Server
      - Update SIP Server using DHCP SIP Server
      - Register New SIP Server



# Thank you!

**AddPac Technology Co., Ltd.**  
Sales and Marketing

Phone +82.2.568.3848 (KOREA)

FAX +82.2.568.3847 (KOREA)

E-mail [sales@addpac.com](mailto:sales@addpac.com)