

# VoIP Gateway Series

**APOS™ Upgrade with DHCP  
(DHCP option 66, 67)**



***AddPac***

**AddPac Technology**

2014, Sales and Marketing

[www.addpac.com](http://www.addpac.com)

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# DHCP Option 66, 67

- DHCP Option
  - Option 66 : TFTP server name
  - Option 67 : Bootfile name

# Enable DHCP Option (CLI)

- CLI

```
!  
interface FastEthernet0/0  
ip address dhcp  
ip dhcp unicast  
ip dhcp request option 66  
ip dhcp request option 67  
speed auto  
!
```

# Enable DHCP Option (Smart Web)

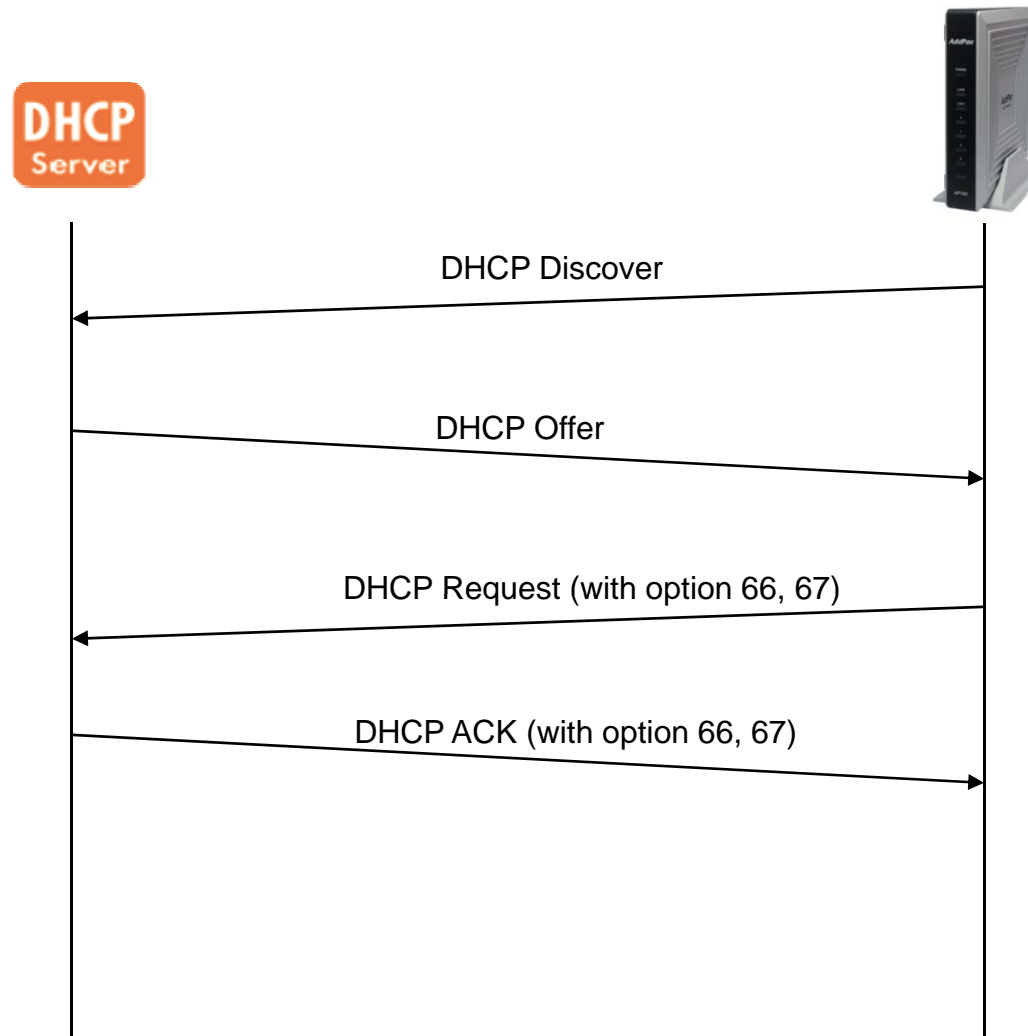
- HTTP Server
  - System WAN Setup

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<input type="radio"/> PPPoE(ADSL) ?	User name <input type="text"/>
	Password <input type="text"/>
	<input checked="" type="radio"/> (No Authentication)
	<input type="radio"/> PAP (PPP Authentication Protocol)
	<input type="radio"/> CHAP(Challenge Handshake Authentication Protocol)
<input checked="" type="radio"/> DHCP ?	<input checked="" type="checkbox"/> Enable APOS Download via TFTP (Option 66 and 67)
<input type="checkbox"/> VLAN	ID <input type="text" value="0"/>

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# DHCP Message Flow



# Firmware Update Procedure

- Received DHCP ACK Message
  - Check DHCP Option 66 and 67
  - If option is exist
    - Check Local APOS filename and DHCP option 67 Bootfile name
    - If the name is not same, Start Download via TFTP
      - tftp://Option 66 : TFTP server name / Option 67 : Bootfile name
      - After Download, Reboot System and Restart DHCP Procedure



# Thank you!

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