

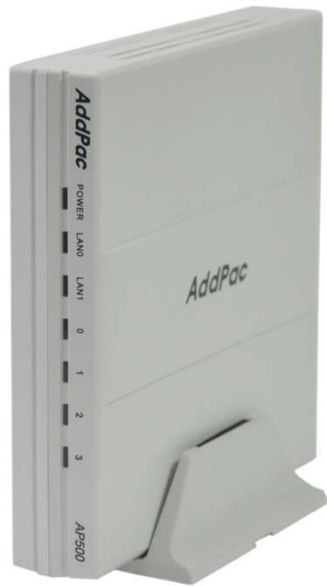


# AP500

## 4-Port VoIP Gateway

High Performance VoIP Gateway Solution

### IP Routing Protocol Features



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# Content

- IP Routing Features
- Policy based Routing
- Load Sharing
- IP Flow Cache
- IP Connect

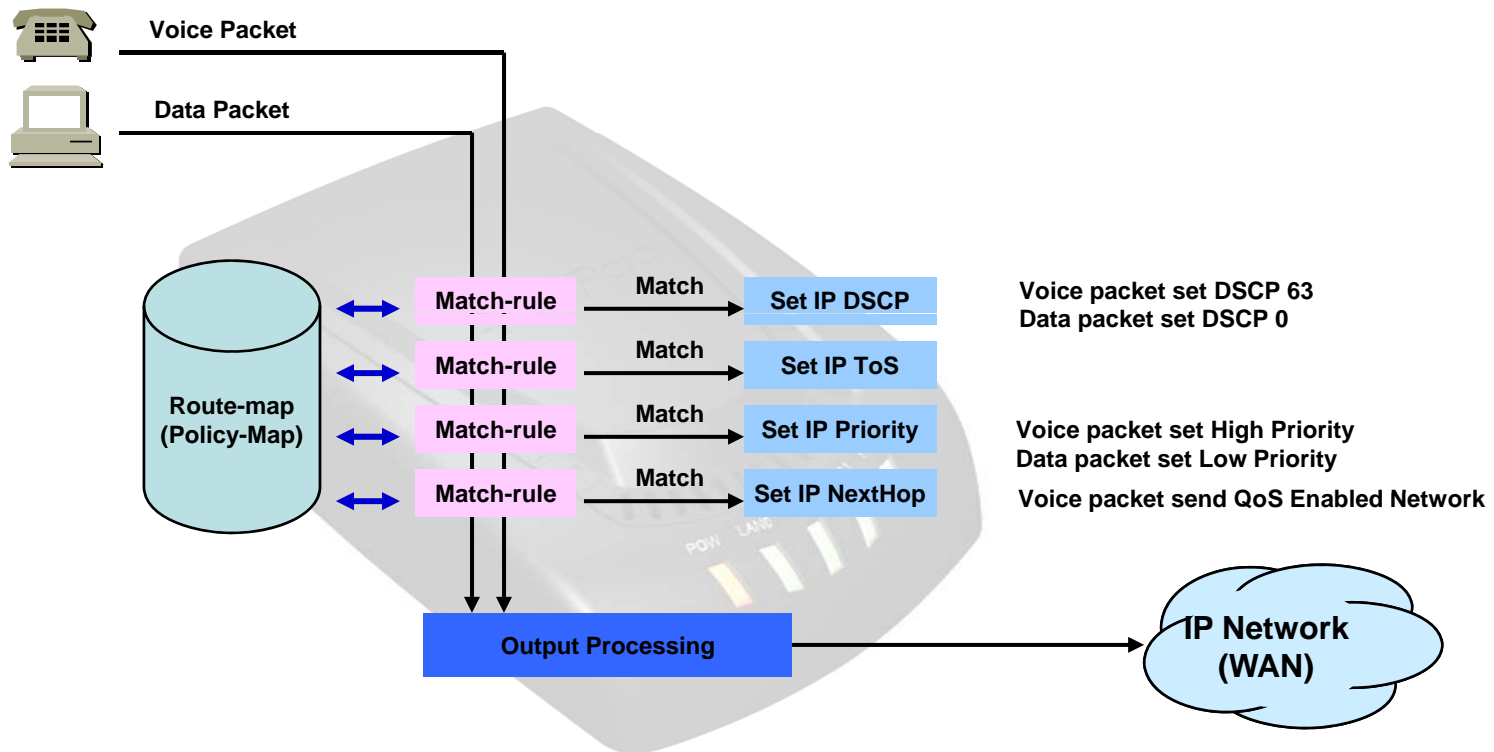
# Routing Features

- Static routing (Floating Static)
- Default routing
- Policy based routing
- Transparent routing (IP Stealth)
- Load sharing
  - Per packet
  - Per destination
- Routing Cache
  - IP Flow-Cache
- IP Connect (formerly ip-share)

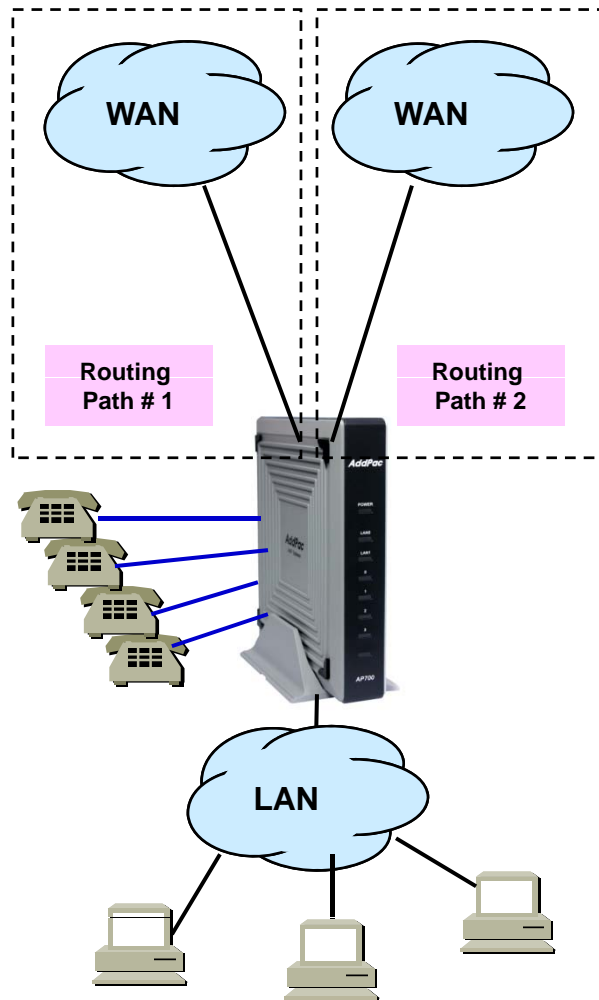
# Policy Based Routing

- Set IP Header Parameters
  - IP DSCP (DiffServ CodePoints)
  - IP ToS
  - IP Precedence
- Determine NextHop
  - Source based routing

# Policy Based Routing

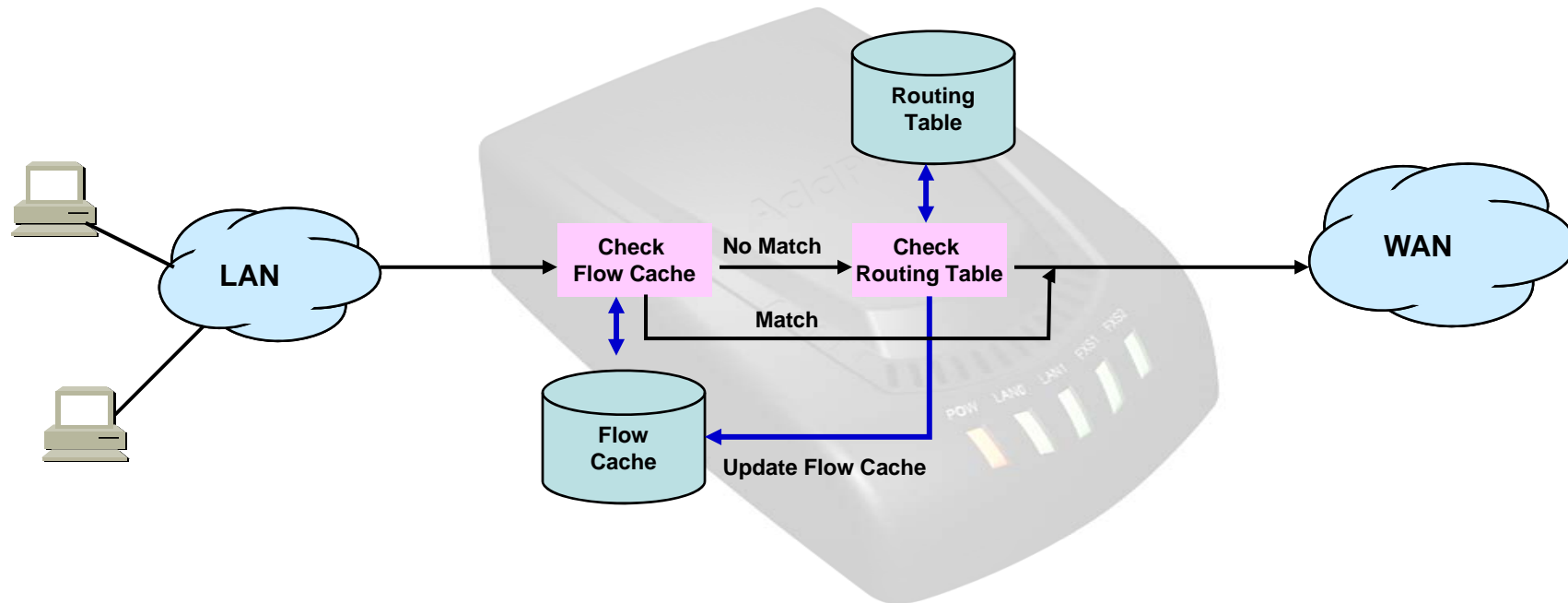


# Load Sharing

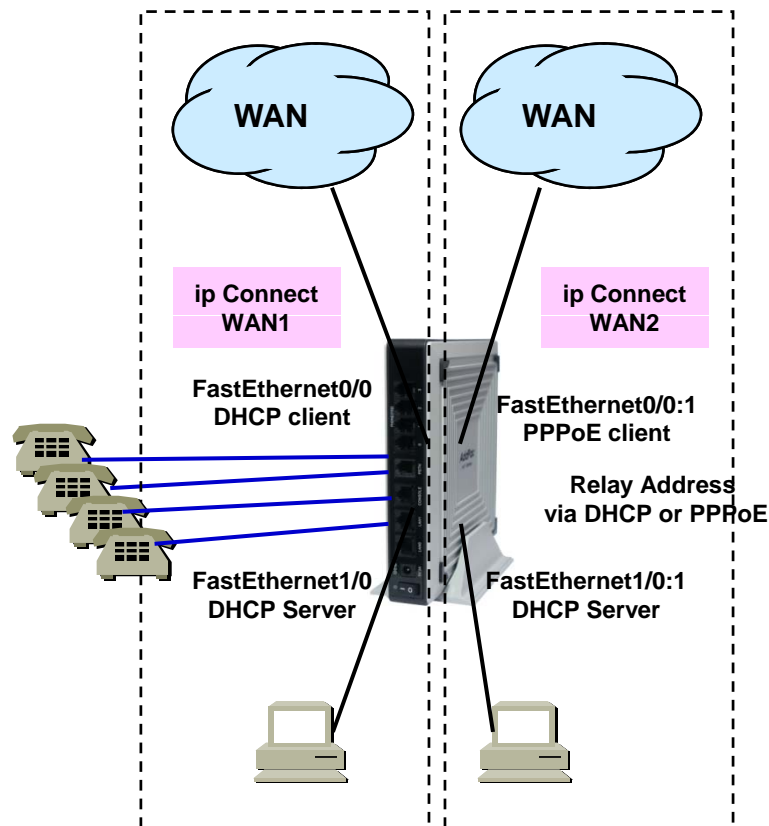


```
!  
interface Loopback0  
ip address 127.0.0.1 255.0.0.0  
!  
interface FastEthernet0/0  
ip address 172.16.39.22 255.255.0.0  
speed auto  
!  
interface FastEthernet0/1  
no ip address  
speed auto  
!  
interface FastEthernet0/0:1  
ip address dhcp  
ip dhcp router distance 1  
!  
ip route 0.0.0.0 0.0.0.0 172.16.1.1  
!  
ip load-sharing per-packet  
ftp server  
!
```

# IP Flow Cache



# IP Connect



```

!
interface Loopback0
 ip address 127.0.0.1 255.0.0.0
!
interface FastEthernet0/0
 ip address dhcp
 speed auto
!
interface FastEthernet0/1
 no ip address
 speed auto
!
interface FastEthernet0/0:1
 ip address dhcp
!
interface FastEthernet0/1:1
 no ip address
!
!
ip dhcp pool wan1
 network FastEthernet0/1
 range FastEthernet0/0
ip dhcp pool wan2
 network FastEthernet0/1:1
 range FastEthernet0/0:1
!
ip connect wan1 inside FastEthernet0/1 outside FastEthernet0/0
ip connect wan2 inside FastEthernet0/1:1 outside FastEthernet0/0:1
!

```



# VoIP Gateway Series

**Thank you!**

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