

AP-MG3000™ Next Generation Media Gateway

High Performance Media Gateway Solution

Network Protocol Overview





AddPac Technology

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Content

- Network Protocols
- Address & Interworking
- Routing
- Miscellaneous

Network Protocols

- Basic Network Protocols
  - ARP, IP, ICMP, IGMP,UDP, TCP
- Extended Network Protocol
  - Telnet, FTP, TFTP, DHCP Server/Relay, SNMP
  - AAA (RADIUS Client)
  - DNS Resolver, DDNS (nsupdate)
  - NTP (Network Time Protocol) Client
  - STUN Client
  - HTTP Server
  - Bridge
  - Syslog
  - CDP (Cisco Discovery Protocol)

Address & Interworking

- Network Address
  - IEEE 802.3 Ethernet / IEEE 802.1Q Virtual LAN
  - Fixed (Static)
  - PPPoE
  - PPTP
  - DHCP
- Address Translation
  - NAT
  - PAT
- Tunneling
  - IPIP (IPoverIP)
  - GRE (Generic Route Encapsulation Protocol)

Routing

- 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)

Miscellaneous

- Miscellaneous
  - Cisco Style CLI
  - Access List
    - Standard Access List
    - Extended Access List
    - 48-bit MAC Address Access List
  - Multi-Level User Account Management
    - administrator, operator, user
  - IP Accounting
  - fsh (Embedded File System Shell)
  - Auto Script function (Auto configuration via FTP)
  - Auto Upgrade via HTTP
  - QoS (Quality of Service) Control

Thank you!

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