

# AP1000

## Port FXS VoIP Gateway

High Performance VoIP Gateway Solution

Smart Web Manager Overview



# **AddPac**

**AddPac Technology**

Sales and Marketing

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

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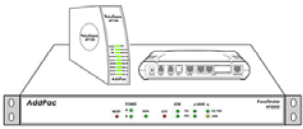


# Home

**AddPac**  
Technology

AP1000 Management System

- HOME
  - configure
    - access-list
    - accounting-list
    - arp
      - dynamic
      - request
      - static
      - table-size
      - timeout
    - auto-script
    - auto-upgrade
    - bridge
    - call-diversion
    - clock
    - debug-port
    - dhcp-list
    - dialpattern-group
    - dial-peer
      - call-pickup
      - call-transfer
      - hunt
      - ipaddr-prefix
      - terminator
      - voice
    - drshost
    - ems-server
      - provisioning-required
      - host
      - timeout
    - ftp-access
    - gateway
      - general
      - gatekeeper
      - tech-prefix
      - register
      - unregister
    - hostname
    - interface



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# Configure

# Access List

The screenshot displays the AddPac AP1000 Management System interface. The top navigation bar includes the AddPac Technology logo on the left and "AP1000 Management System" on the right. Below the navigation bar, the page title is "Command base-URL: /exec/configure/access-list" and the user is identified as "User ID: root".

The main content area is titled "Change access list entry" and is divided into two sections:

- Standard access list**: Shows "Currently used list" with a dropdown menu and an "Edit" button. Below it, "Configure the list (0-29)" is displayed with a text input field and an "Edit" button.
- Extended access list**: Shows "Currently used list" with a dropdown menu and an "Edit" button. Below it, "Configure the list (30-99)" is displayed with a text input field and an "Edit" button.

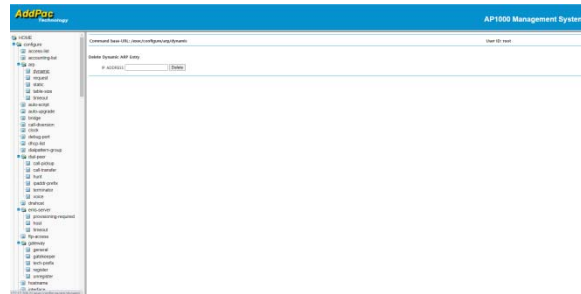
A left-hand sidebar contains a tree view of the system's configuration hierarchy, including categories like "configure", "arp", "dial-peer", and "gateway".

# Account List

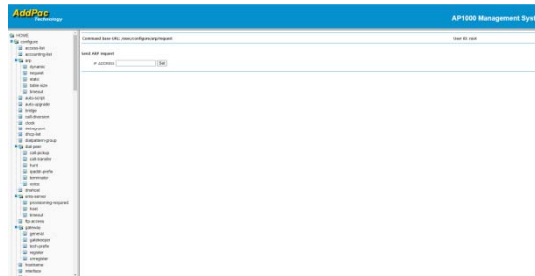
The screenshot displays the AddPac AP1000 Management System interface. On the left is a navigation tree with categories like 'configure', 'access-list', 'accounting-list', 'arp', 'dynamic', 'static', 'table-size', 'timeout', 'auto-script', 'auto-upgrade', 'bridge', 'call-diversion', 'clock', 'debug-port', 'dhcp-list', 'dialpattern-group', 'dial-peer', 'call-pickup', 'call-transfer', 'hunt', 'ipaddr-prefix', 'terminator', 'voice', 'dnshost', 'ems-server', 'provisioning-required', 'host', 'timeout', 'ftp-access', 'gateway', 'general', 'gatekeeper', 'tech-prefix', 'register', 'unregister', 'hostname', and 'interface'. The main content area shows the 'Change accounting list entry' configuration page. At the top, it displays 'Command base URL: /exec/configure/accounting-list' and 'User ID: root'. Below this is a table with the following structure:

List number(0-9)	Threshold(2-512)	Access list(0-59)	Action
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="button" value="Add"/>

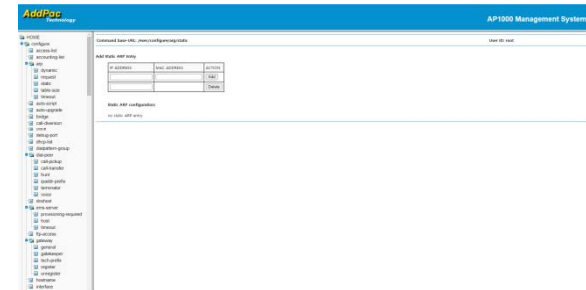
# ARP



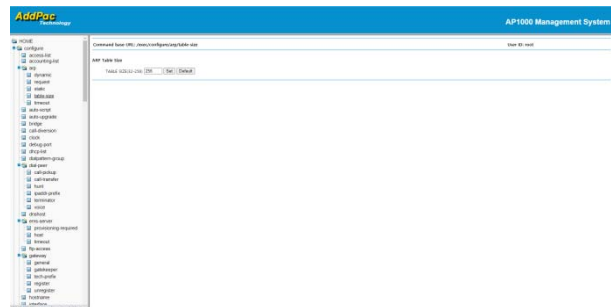
ARP Dynamic



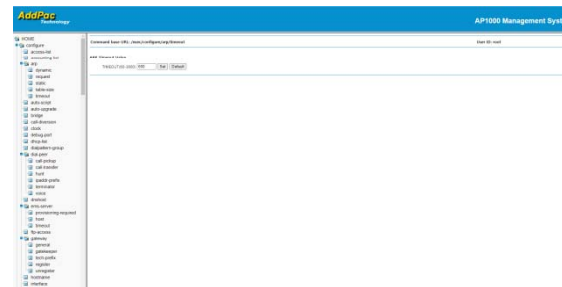
ARP Request



ARP Static

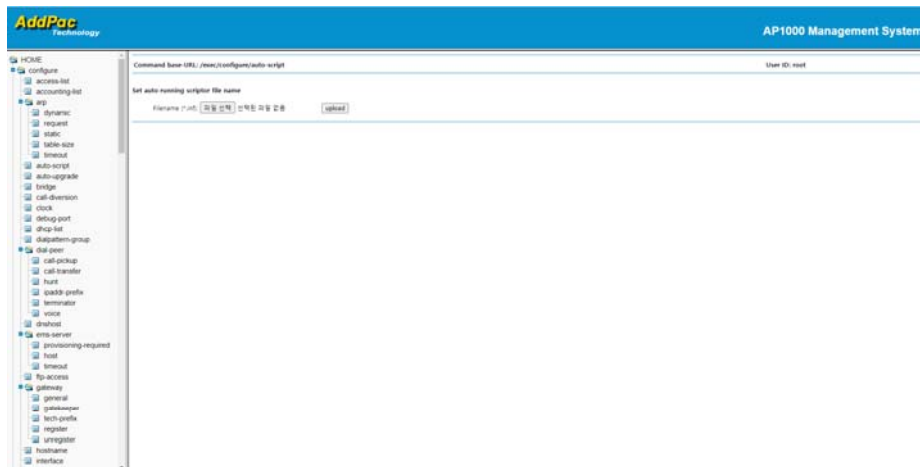


ARP Table Size

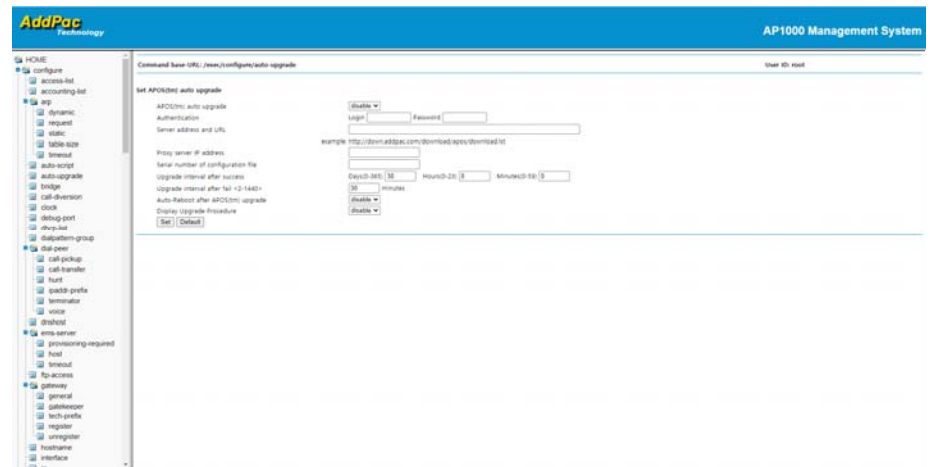


ARP Time Out

# Auto Upgrade



Auto Script



Auto Upgrade



# Bridge

The screenshot shows the AddPac AP1000 Management System interface. The top header includes the AddPac Technology logo and the text "AP1000 Management System". On the left is a navigation tree with categories like HOME, configure, access-list, accounting-list, arp, dynamic, request, static, table-size, timeout, auto-script, auto-upgrade, bridge, call-diversion, clock, debug.port, dhcp-list, dialpattern-group, dial-peer, call-pickup, call-transfer, hunt, ipadd-prefix, terminator, voice, dnshost, ems-server, provisioning-required, host, timeout, ftp-access, gateway, general, gatekeeper, tech-prefix, register, unregister, hostname, interface, and -. The main content area is titled "Set bridge Parameters" and shows the following configuration options:

- Entry's aging time (10208140-10208156): 10208188
- Forwarding delay time (10208140-10208156): 10208188
- Hello time interval(10208140-10208156): 10208188
- Hello BPDU's maximum aging time (10208140-10208156): 10208188
- Bridge priority (10208140-10208156): 10208188
- Spanning tree protocol: disable

At the bottom of the configuration area are "Set" and "Default" buttons. The command base URL is "/exec/configure/bridge" and the user ID is "root".

# Call Diversion

The screenshot displays the AddPac AP1000 Management System interface. The top navigation bar includes the AddPac Technology logo and the text "AP1000 Management System". On the left, a tree view shows the configuration hierarchy, with "call-diversion" selected under the "arp" folder. The main content area shows the "Configure call diversion profile" page. At the top of this page, it indicates the "Command base-URL: /exec/configure/call-diversion" and the "User ID: root". Below this, there is a table with the following structure:

Tag	Type	Destination IP	Action
<input type="text"/>	CallFowOnBusy	<input type="text"/>	Add/Modify

# Clock

**AddPac**  
Technology

AP1000 Management System

HOME

- configure
  - access-list
  - accounting-list
  - arp
    - dynamic
    - request
    - static
    - table-size
    - timeout
  - auto-script
  - auto-upgrade
  - bridge
  - call-diversion
  - clock
  - debug-port
  - dhcp-list
  - dialpattern-group
  - dial-peer
    - call-pickup
    - call-transfer
    - hunt
    - ipaddr-prefix
    - terminator
    - voice
  - dnshost
  - ems-server
    - provisioning-required
    - host
    - timeout
  - ftp-access
  - gateway
    - general
    - gatekeeper
    - tech-prefix
    - register
    - unregister
  - hostname
  - interface

Command base-URL: /exec/configure/clock

User ID: root

Configure clock

YEAR	MONTH	DAY	HOUR	MINUTE	SECOND	Action
2021	1	4	17	0	0	Set

# Debug Port

The screenshot displays the AddPac AP1000 Management System web interface. The top navigation bar includes the AddPac Technology logo on the left and the text "AP1000 Management System" on the right. A left-hand sidebar contains a tree view of configuration categories, including "HOME", "configure", "access-list", "accounting-list", "arp", "dynamic", "request", "static", "table-size", "timeout", "auto-script", "auto-upgrade", "bridge", "call-diversion", "clock", "debug-port", "dhcp-list", "dialpattern-group", "dial-peer", "call-pickup", "call-transfer", "hunt", "ipaddr-prefix", "terminator", "voice", "dnshost", "ems-server", "provisioning-required", "host", "timeout", "ftp-access", "gateway", "general", "gatekeeper", "tech-prefix", "register", "unregister", "hostname", and "interface". The "debug-port" option is highlighted in the sidebar. The main content area shows the command base URL as "/exec/configure/debug-port" and the user ID as "root". Below this, a message states: "This command is not supported for the WEB".

# DHCP List

The screenshot displays the AddPac AP1000 Management System interface. The top navigation bar includes the AddPac Technology logo on the left and "AP1000 Management System" on the right. Below the navigation bar, the page title is "Command base-URL: /exec/configure/dhcp-list" and the user is identified as "User ID: root".

The main content area is titled "Configure DHCP list entry". It features a left-hand sidebar with a tree view of configuration categories, including "HOME", "configure", "access-list", "accounting-list", "arp", "dynamic", "request", "static", "table-size", "timeout", "auto-script", "auto-upgrade", "bridge", "call-diversion", "clock", "debug-port", "dhcp-list", "dial-peer", "dial-peer-group", "dial-peer", "call-pickup", "call-transfer", "hunt", "ipaddr-prefix", "terminator", "voice", "drshost", "ems-server", "provisioning-required", "host", "timeout", "ftp-access", "gateway", "general", "gatekeeper", "tech-prefix", "register", "unregister", "hostname", and "interface".

The "Configure DHCP list entry" section contains the following configuration options:

- DHCP list number (0-1):** A text input field.
- DHCP type:** A dropdown menu.
- DHCP Address:** A section with several checkboxes and input fields:
  - Free area: Includes "start-ip address" and "end-ip address" input fields.
  - Free host address: Includes an input field.
  - Relay ip address: Includes an input field.
  - Server address pool: Includes "start-ip address", "end-ip address", and "network mask" input fields.
- DHCP Options:** A section with several checkboxes and input fields:
  - Encapsulation of ethernet: A dropdown menu.
  - MTU size: Includes an input field.
  - ARP cache timeout: Includes an input field and "seconds" label.
  - Default TTL value (1-255): Includes an input field.
  - Lease time: Includes an input field and "seconds" label.
  - Max lease time: Includes an input field and "seconds" label.
  - Domain name: Includes an input field.
  - DNS server ip address: Includes an input field.
  - Name-server ip address: Includes an input field.
  - NTP server ip address: Includes an input field.
  - POP3 server ip address: Includes an input field.
  - Router's ip address: Includes an input field.
  - SMTP server ip address: Includes an input field.
  - Time server ip address: Includes an input field.
  - WWW server ip address: Includes an input field.
- Static route: Includes "destination-ip" and "router's ip" input fields.

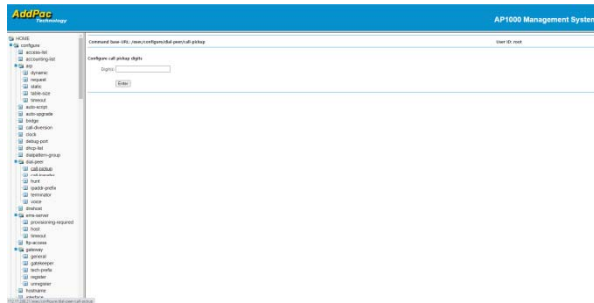
At the bottom of the configuration area, there are "Set" and "Clear" buttons.

# Dial Pattern Group

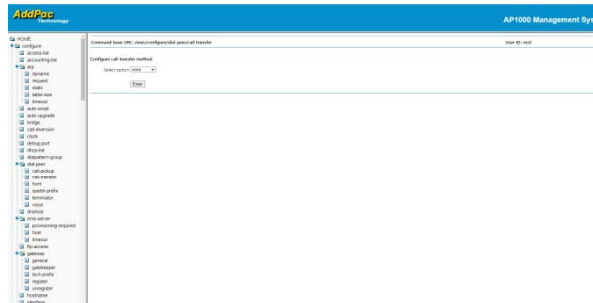
The screenshot displays the AddPac AP1000 Management System interface. The top navigation bar includes the AddPac Technology logo on the left and the text 'AP1000 Management System' on the right. Below the navigation bar, a left-hand sidebar contains a tree view of system configuration categories, including 'configure', 'access-list', 'accounting-list', 'arp', 'dynamic', 'request', 'static', 'table-size', 'timeout', 'auto-script', 'auto-upgrade', 'bridge', 'call-diversion', 'clock', 'debug-port', 'dhcp-list', 'dialpattern-group', 'dial-peer', 'call-pickup', 'call-transfer', 'hunt', 'ipaddr-prefix', 'terminator', 'voice', 'dnshost', 'ems-server', 'provisioning-required', 'host', 'timeout', 'ftp-access', 'gateway', 'general', 'gatekeeper', 'tech-prefix', 'register', 'unregister', 'hostname', and 'interface'. The main content area is titled 'Configure dial pattern group' and shows the command base-URL as '/exec/configure/dialpattern-group' and the user ID as 'root'. A table with four columns is present: 'Pattern Group Tag', 'Pattern Tag', 'Pattern', and 'Action'. The 'Action' column contains an 'Add/Modify' button.

Pattern Group Tag	Pattern Tag	Pattern	Action
<input type="text"/>	<input type="text"/>	<input type="text"/>	Add/Modify

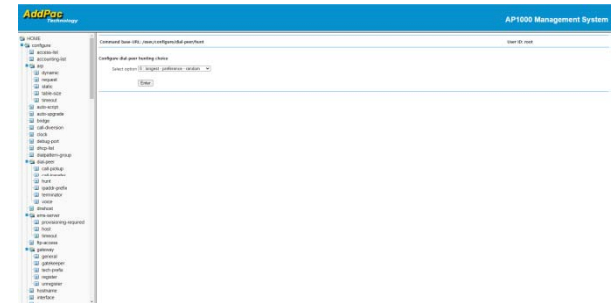
# Dial Peer



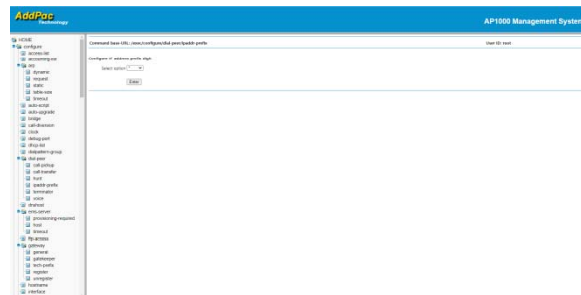
Call Pickup Digits



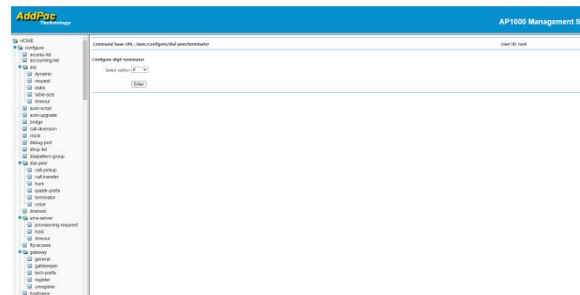
Call Transfer Method



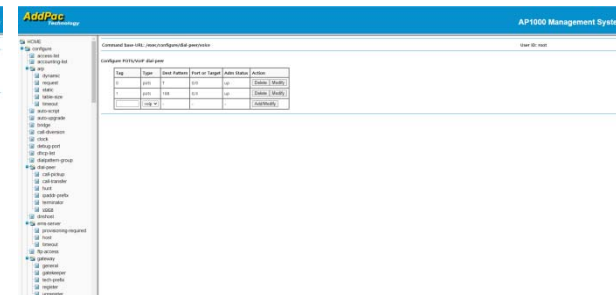
Hunting Choice



IP Address Prefix Digit



Digit Terminator



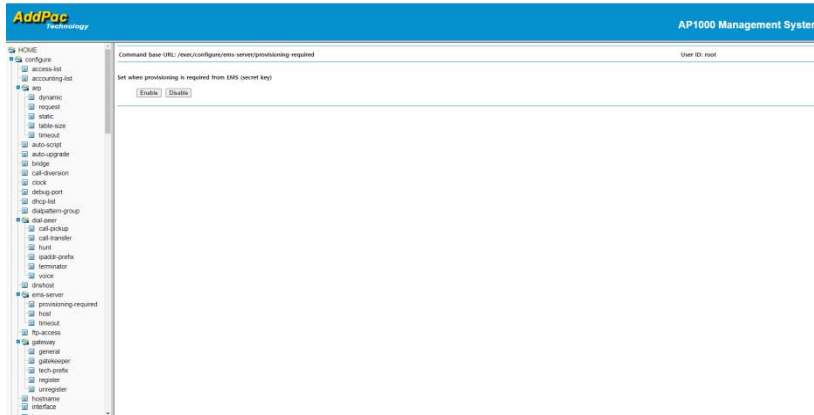
POTS/VoIP

# DNS

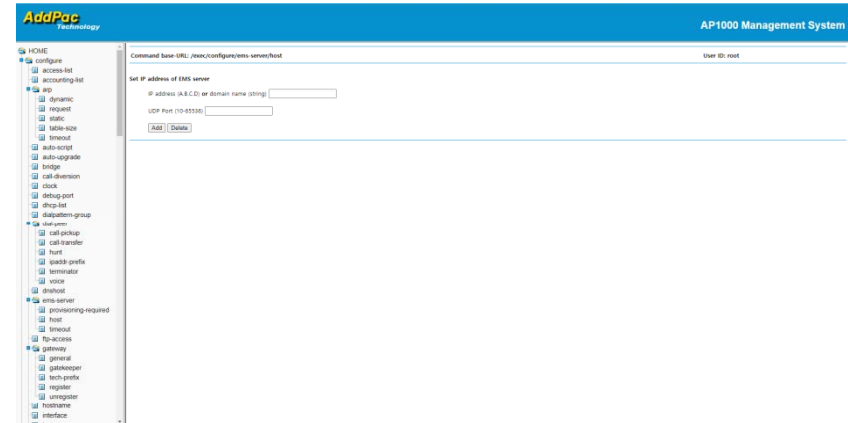
The screenshot shows the AddPac AP1000 Management System interface. The top header includes the AddPac Technology logo and the text "AP1000 Management System". On the left is a navigation tree with categories like "HOME", "configure", "arp", "dial-peer", "dns", "ems-server", "gateway", and "hostname". The "dns" category is expanded, and "dnshost" is selected. The main content area displays the command base URL as "/exec/configure/dnshost" and the user ID as "root". Below this, the "Set DNS host information" section contains three input fields: "DNS domain name" (empty), "Cache timeout (60-3600):" (set to 600) seconds, and "Name server address" (empty). "Set" and "Clear" buttons are located below the input fields. The status bar at the bottom left shows the IP address "172.17.200.21" and the command path "/exec/configure/dnshost".



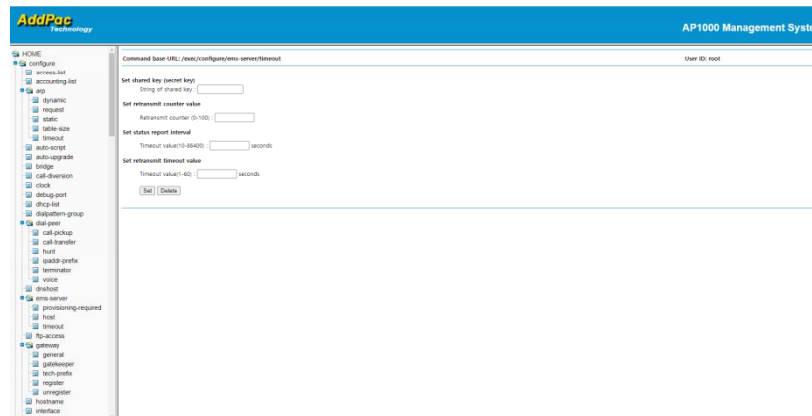
# Provision From EMS



Provision Enable



EMS Server IP address



EMS Server Time Out, etc  
[www.addpac.com](http://www.addpac.com)

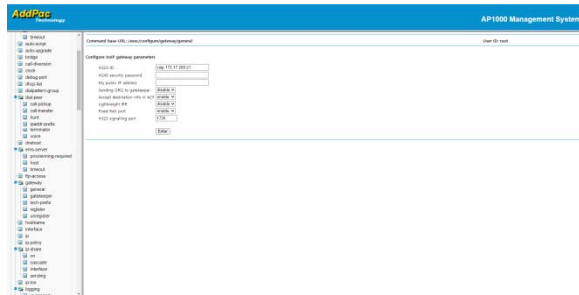
# FTP Access Control

The screenshot displays the AddPac AP1000 Management System interface. The top navigation bar includes the AddPac Technology logo on the left and "AP1000 Management System" on the right. Below the navigation bar, the "Command base-URL: /exec/configure/ftp-access" and "User ID: root" are displayed. The main content area is titled "Set local ftp access control" and contains the following configuration fields:

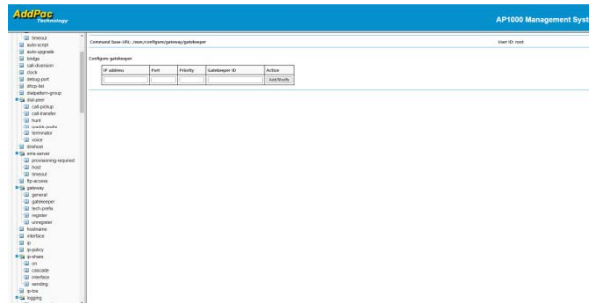
- Source IP address (A.B.C.D):
- Source network mask (A.B.C.D):
- IP address of ftp host:

A left-hand sidebar shows a tree view of the configuration menu, with "ftp-access" selected under the "gateway" category.

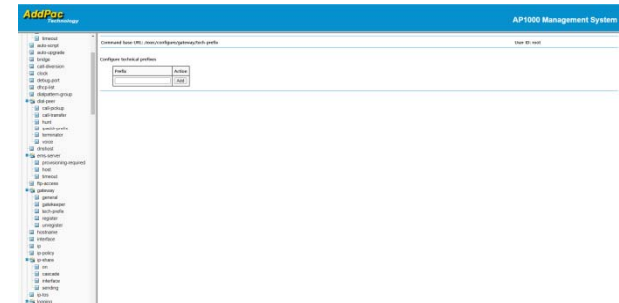
# H.323 Protocol



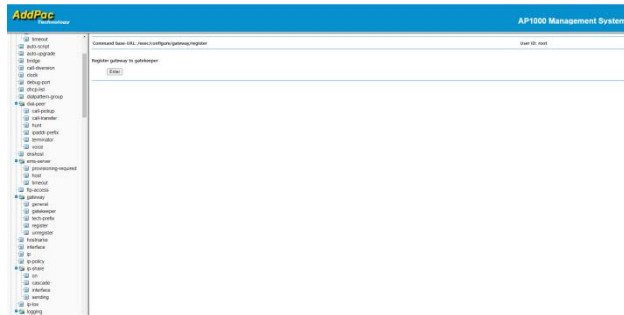
General Parameters



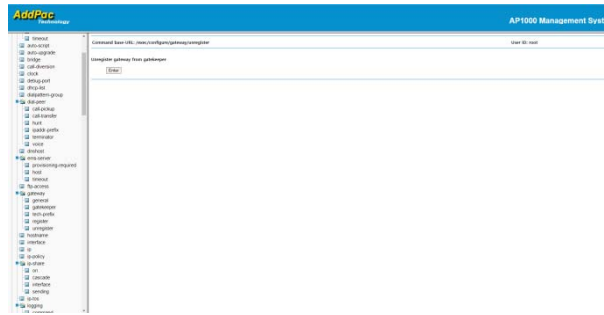
GateKeeper



Technical Prefix



Register to GK



Unregister from GK

# Hostname

The screenshot displays the AddPac AP1000 Management System interface. The top navigation bar is blue with the AddPac Technology logo on the left and 'AP1000 Management System' on the right. A left-hand sidebar contains a tree view of configuration categories, including dial-peer, dns-host, gateway, ip-share, logging, and mgcp. The main content area shows the 'Change Hostname' configuration page. At the top of this page, it indicates the 'Command base-URL: /exec/configure/hostname' and 'User ID: root'. Below this, the 'Change Hostname' section features a text input field labeled 'Host Name' with the value 'AP1000' entered. To the right of the input field are two buttons: 'Set' and 'Default'.

# Interface

The screenshot displays the AddPac AP1000 Management System interface. On the left is a navigation tree with categories like dial-peer, voice, gateway, and logging. The main content area shows the configuration page for an interface, with the command base URL set to `/exec/configure/interface` and the user ID as `root`. The page prompts the user to "Select an interface" and provides a table with three options: ethernet, loopback, and null. The null interface is currently selected.

Select	Type	Number	Description
<input type="radio"/>	ethernet	0	IEEE 802.3 interface
<input type="radio"/>	loopback	1	Loopback interface
<input checked="" type="radio"/>	null	0	Null interface

Buttons for `Enter` and `Clear` are located below the table.

# IP routing

The screenshot shows the AddPac AP1000 Management System interface. The left sidebar contains a tree view of configuration categories, with 'ip-share' selected. The main content area displays the configuration for 'Set IP Routing Mode'. At the top, it shows the command base URL as '/exec/configure/ip' and the user ID as 'root'. Below this, the 'Set IP Routing Mode' section contains three rows of configuration options, each with a status indicator and a control button:

Configuration Option	Status	Action
CIDR(Classless InterDomain Routing)	disabled	Enable
IP routing	enabled	Disable
IP routing-cache	disabled	Enable

# IP Policy Rules

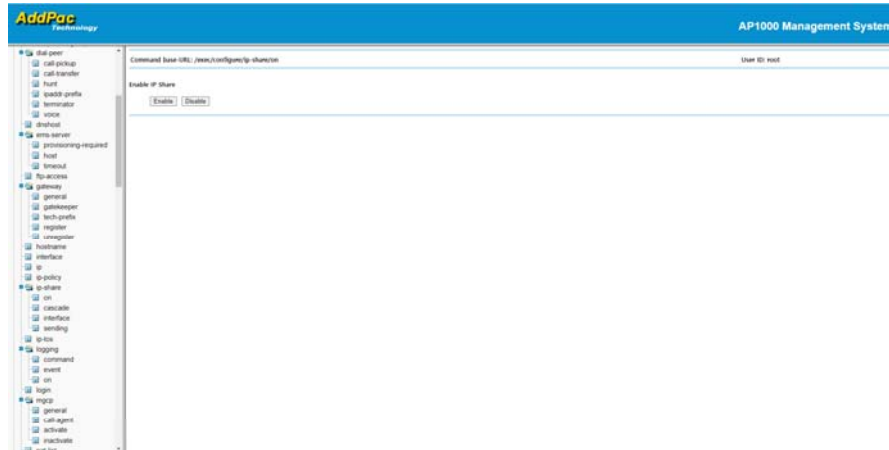
The screenshot displays the AddPac AP1000 Management System interface. On the left is a tree view of configuration categories, with 'ip-policy' selected. The main area shows the configuration for IP policy rules. At the top, it indicates the command base URL is '/exec/configure/ip-policy' and the user is 'root'. Below this, a table titled 'Set IP policy rules' allows for defining rules. The table has four columns: 'type', 'SRC (A.B.C.D)', 'DST (A.B.C.D)', and 'next hop (A.B.C.D)'. The 'type' column has a dropdown menu currently set to 'icmp'. Each row in the table contains radio buttons for 'address', 'wildcard bits', 'any', and 'host' under both SRC and DST columns, along with corresponding input fields. Below the table are 'Add' and 'Delete' buttons.

Command base-URL: /exec/configure/ip-policy User ID: root

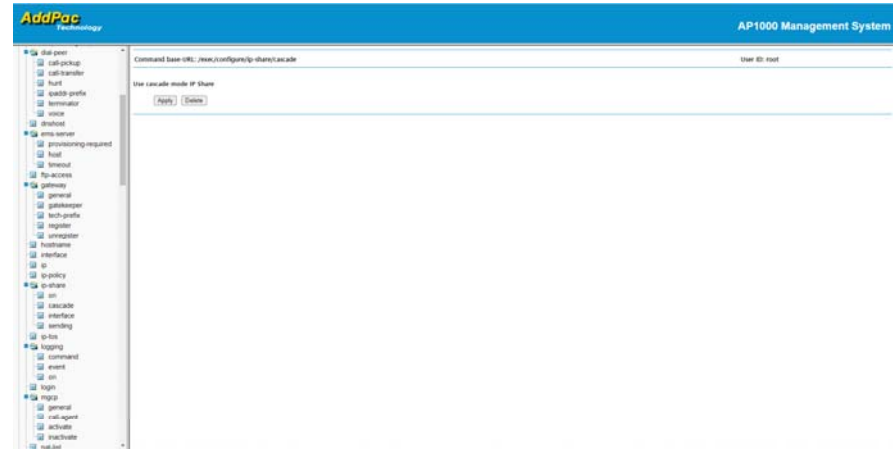
Set IP policy rules

type	SRC (A.B.C.D)		DST (A.B.C.D)		next hop (A.B.C.D)
icmp	<input type="radio"/> address	<input type="text"/>	<input type="radio"/> address	<input type="text"/>	<input type="text"/>
	<input type="radio"/> wildcard bits	<input type="text"/>	<input type="radio"/> wildcard bits	<input type="text"/>	
	<input type="radio"/> any	<input type="text"/>	<input type="radio"/> any	<input type="text"/>	
	<input type="radio"/> host	<input type="text"/>	<input type="radio"/> host	<input type="text"/>	

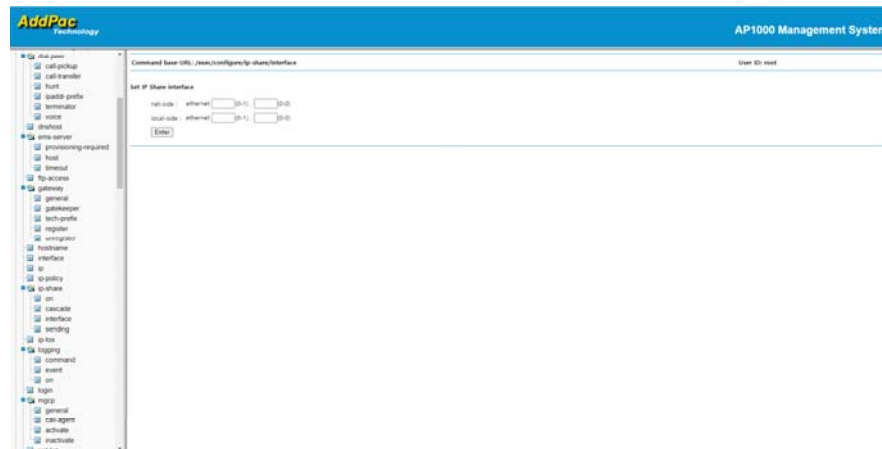
# IP Share



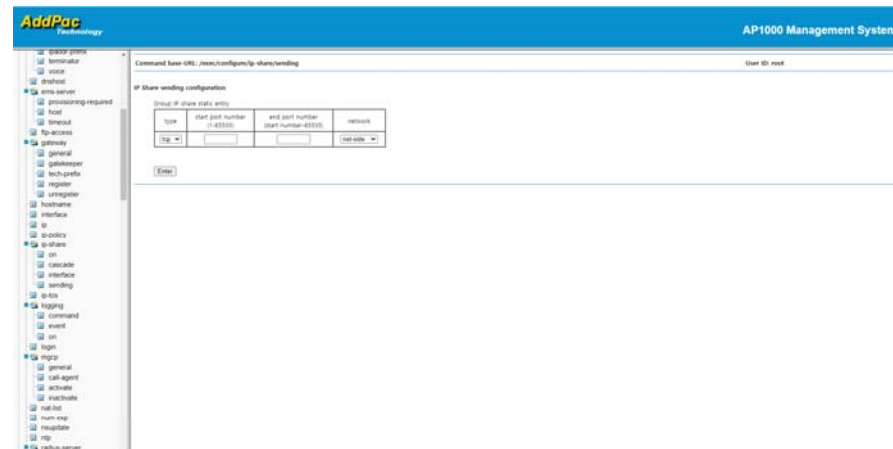
Enable IP Share



Cascade IP Share Mode



IP Share Interface



IP Share Sending



# IP tos

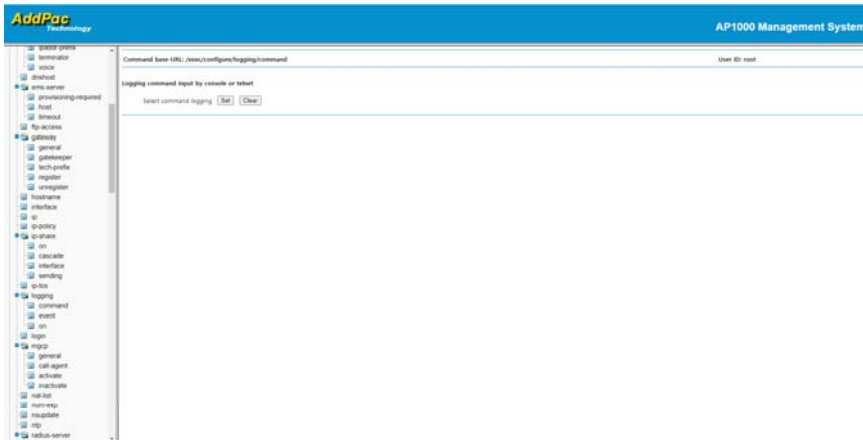
**AddPac Technology** AP1000 Management System

Command base URL: /exec/configure/ip-tos User ID: root

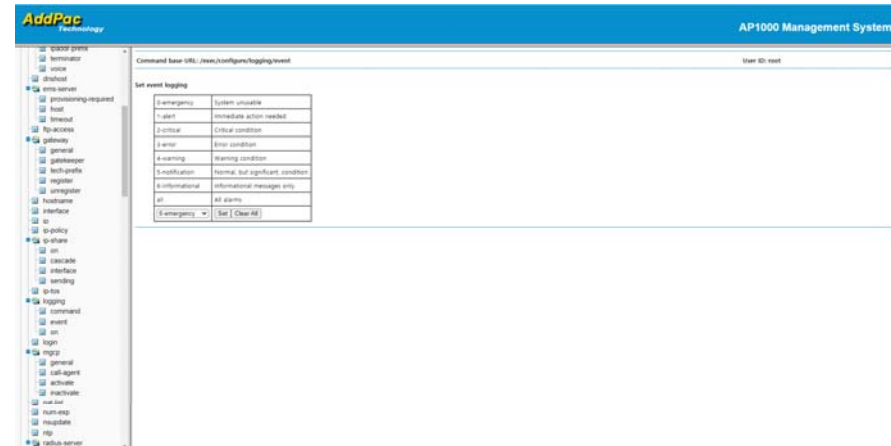
Forward data packets to/from local interface

Command	Description	Action
default	normal data packets of gateway	<input type="radio"/>
forward	forward data packets to/from local interface	<input type="radio"/>
rtp	UDP/RTP data packet of gateway	<input type="radio"/>
sig	H.323/SIP signalling packet of gateway	<input type="radio"/>
delay	low delay	<input type="checkbox"/>
throughput	high throughput	<input type="checkbox"/>
reliability	high reliability	<input type="checkbox"/>
precedence	precedence value (0-7)	<input type="text"/>
value	IP Tos value(0x00-0xFC) * without 0x prefix	<input type="text"/>

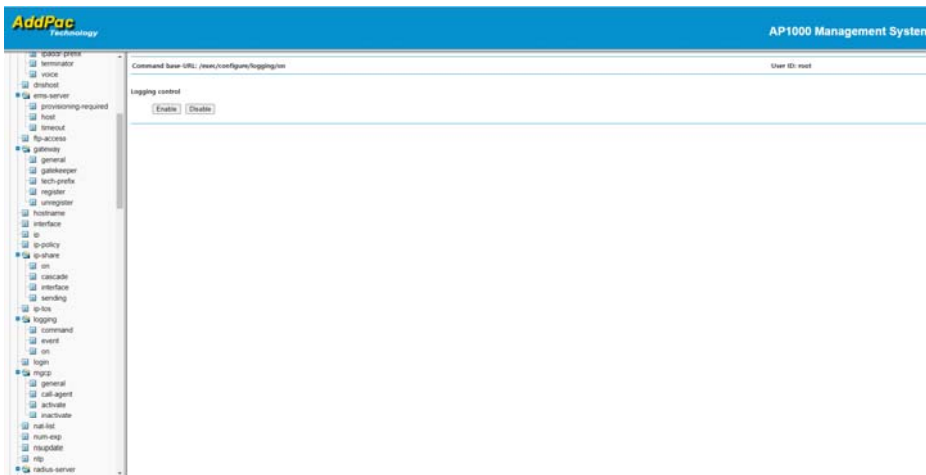
# Logging



Logging Command



Logging Event Level

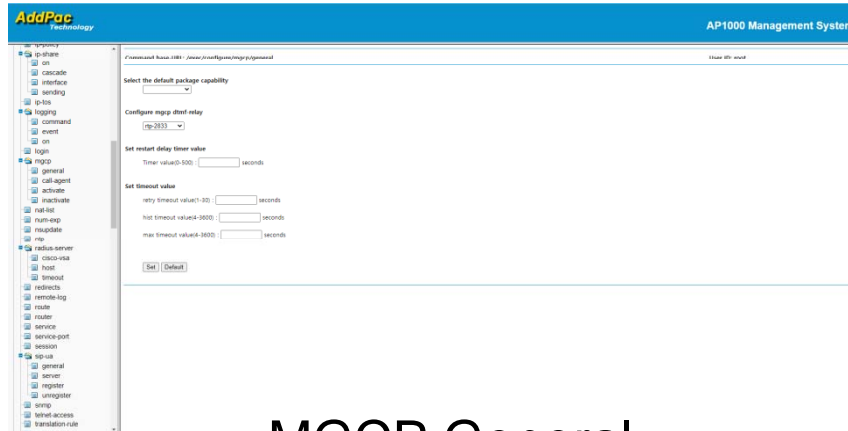


Logging Control

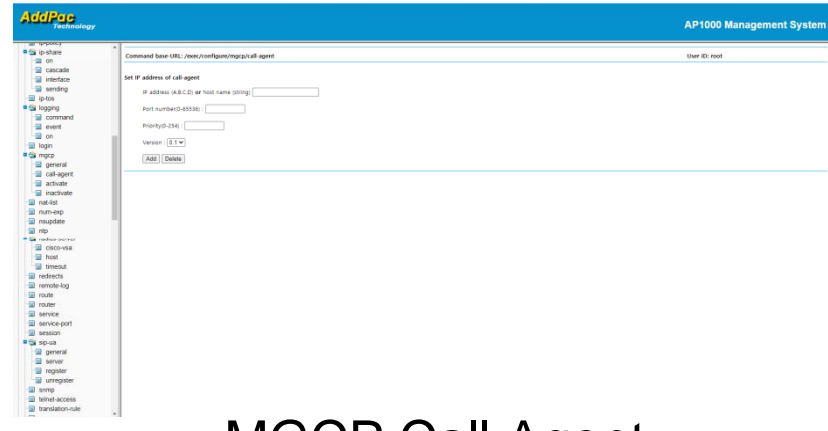
# Login

The screenshot displays the AddPac AP1000 Management System interface. The top header features the AddPac Technology logo on the left and 'AP1000 Management System' on the right. A left-hand navigation pane lists various configuration categories, including 'login'. The main content area shows the configuration for the 'login' service, with the command base URL set to '/exec/configure/login' and the user ID set to 'root'. Under the heading 'Set login lock parameters', there are two input fields: 'Lock fail counter (0-32)' with a value of 0 and the text '\* 0 is forever', and 'Lock time (HH : MM )' with a value of 00:00 and the text '\* HH : 00-72, MM : 00-59'. A 'Set' button is located below these fields.

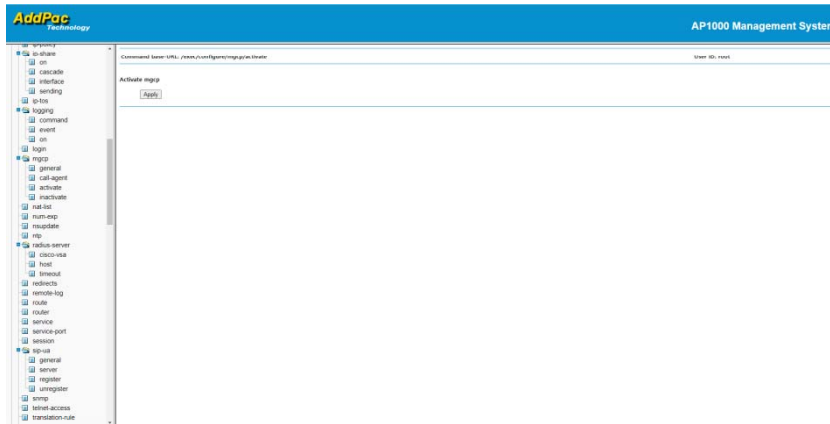
# MGCP Protocol



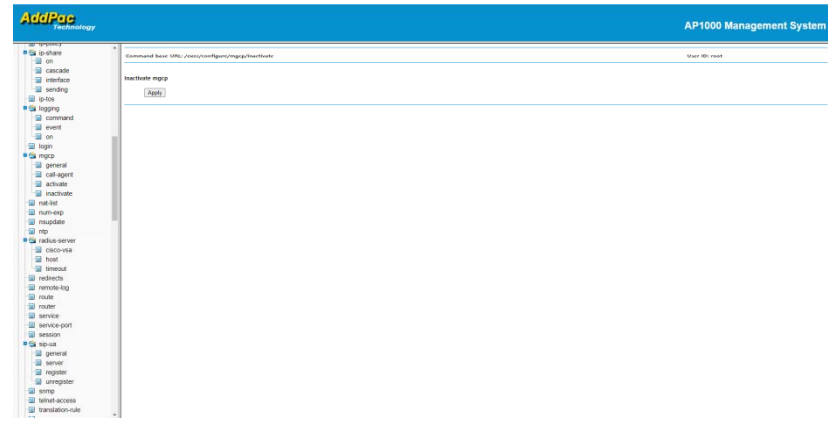
MGCP General



MGCP Call Agent



Activate MGCP



Inactivate MGCP

# NAT List

The screenshot displays the AddPac AP1000 Management System interface. On the left is a navigation tree with categories like 'ip-policy', 'ip-share', 'logging', 'mgcp', 'nat-list', and 'radius-server'. The main content area is titled 'Configure NAT(Network Address Translation) list'. At the top right of this area, it shows 'Command base-URL: /exec/configure/nat-list' and 'User ID: root'. Below this, there are controls for 'NAT list (0-7)' with 'Delete' and 'Refresh' buttons. The configuration is divided into two sections: 'NAT(Network Address Translation)' and 'PAT(Port Address Translation)'. The NAT section includes fields for 'Inside global address' (start-IP, end-IP, local-IP), 'Outside global address' (start-IP, end-IP, address mask), 'Static translation' (local-IP, outside global-IP), and 'NAT timeout(1-65535)'. The PAT section includes 'PAT address', 'Timeout(1-65535)' with checkboxes for ICMP, TCP, FIN, SYN, and UDP, and options for 'Single static entry' and 'Group static entry' with dropdown menus for protocol and checkboxes for 'Local-IP'. An 'Add' button is located at the bottom of the configuration area.

# Number Expansion

The screenshot displays the AddPac AP1000 Management System interface. On the left is a navigation tree with categories like 'ip', 'logging', 'radius-server', and 'sip-ua'. The 'num-exp' option is selected. The main content area shows the command base URI as '/exec/configure/num-exp' and the user ID as 'root'. Below this, the heading 'Configure number expansion' is followed by a table with three columns: 'Extension number', 'Expanded number', and 'Action'. The 'Action' column contains an 'Add/Modify' button.

Extension number	Expanded number	Action
<input type="text"/>	<input type="text"/>	[Add/Modify]

# DNS Update

**AddPac** Technology AP1000 Management System

Command base-URL: /exec/configure/nsupdate User ID: root

Configure DNS update

domain-name	interval	nameserver	retry counter	tll
www.addpac.com	(1-60)minutes	A.B.C.D	(1-128)	(5-1440)minutes
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

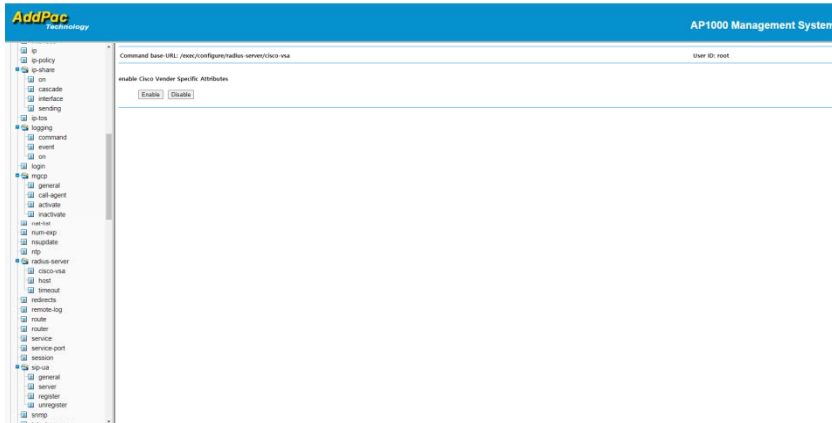
\* retry counter : '0' is forever

# NTP (Network Time Protocol)

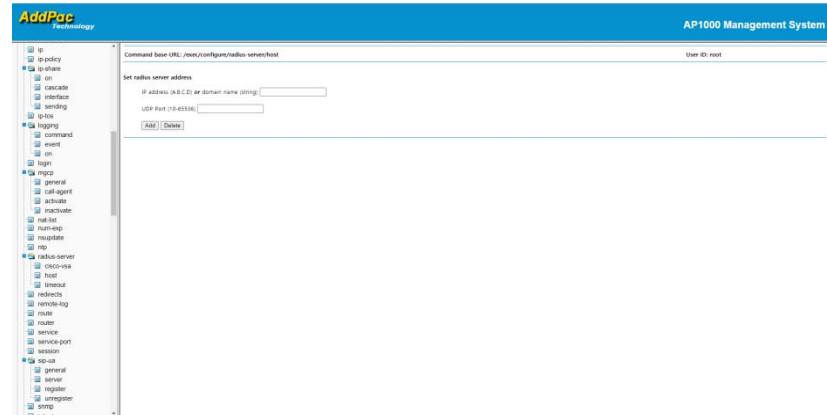
The screenshot shows the AddPac AP1000 Management System interface. On the left is a navigation tree with categories like ip, logging, mgcp, radius-server, and sip-ua. The 'ntp' option is selected. The main content area is titled 'Configure NTP (Network Time Protocol)'. At the top, it shows 'Command base URL: /exec/configure/ntp' and 'User ID: root'. The configuration fields include: 'Time Zone Offset (-):HH:MM' (empty), 'Refresh Time: (S-2880)' (30 minutes), 'NTP version:' (4), and 'NTP server address:' (empty). There are 'Set', 'Clear', and 'Delete' buttons.



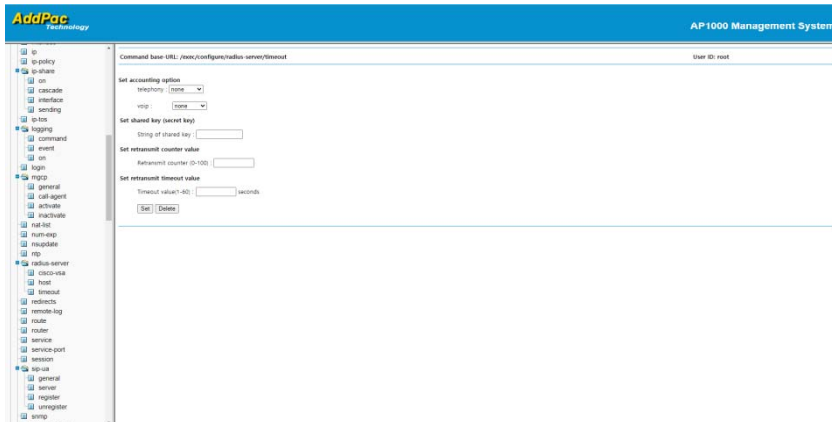
# Radius



Cisco Vendor Specific Attribute



Radius Server IP



Parameters

# ICMP Redirect

The screenshot shows the AddPac AP1000 Management System interface. On the left is a navigation tree with categories like ip-policy, ip-share, logging, mgcp, radius-server, and sip-ua. The main content area is titled "Control the ICMP redirect messages" and shows the configuration for "Sending ICMP Redirect messages" set to "disabled" with an "Enable" button. The command base URL is "/wac/configure/redirects" and the user ID is "root".

**AddPac**  
Technology

AP1000 Management System

Command base-URL: /wac/configure/redirects User ID: root

Control the ICMP redirect messages

Sending ICMP Redirect messages: disabled

# Remote Syslog for Logging

The screenshot shows the AddPac AP1000 Management System interface. On the left is a navigation tree with categories like ip, ip-policy, ip-share, logging, and radius-server. The main content area is titled 'Configure remote syslog for logging' and includes a table for configuration parameters. The table has three columns: 'interval', 'primary-server', and 'secondary-server'. The 'interval' row is pre-filled with '(0-14400)minutes', while the other two rows are empty. Below the table is an 'Apply' button. At the top right of the interface, it says 'AP1000 Management System' and 'User ID: root'. The command base-URL is '/exec/configure/remote-log'.

Command base-URL: /exec/configure/remote-log User ID: root

Configure remote syslog for logging

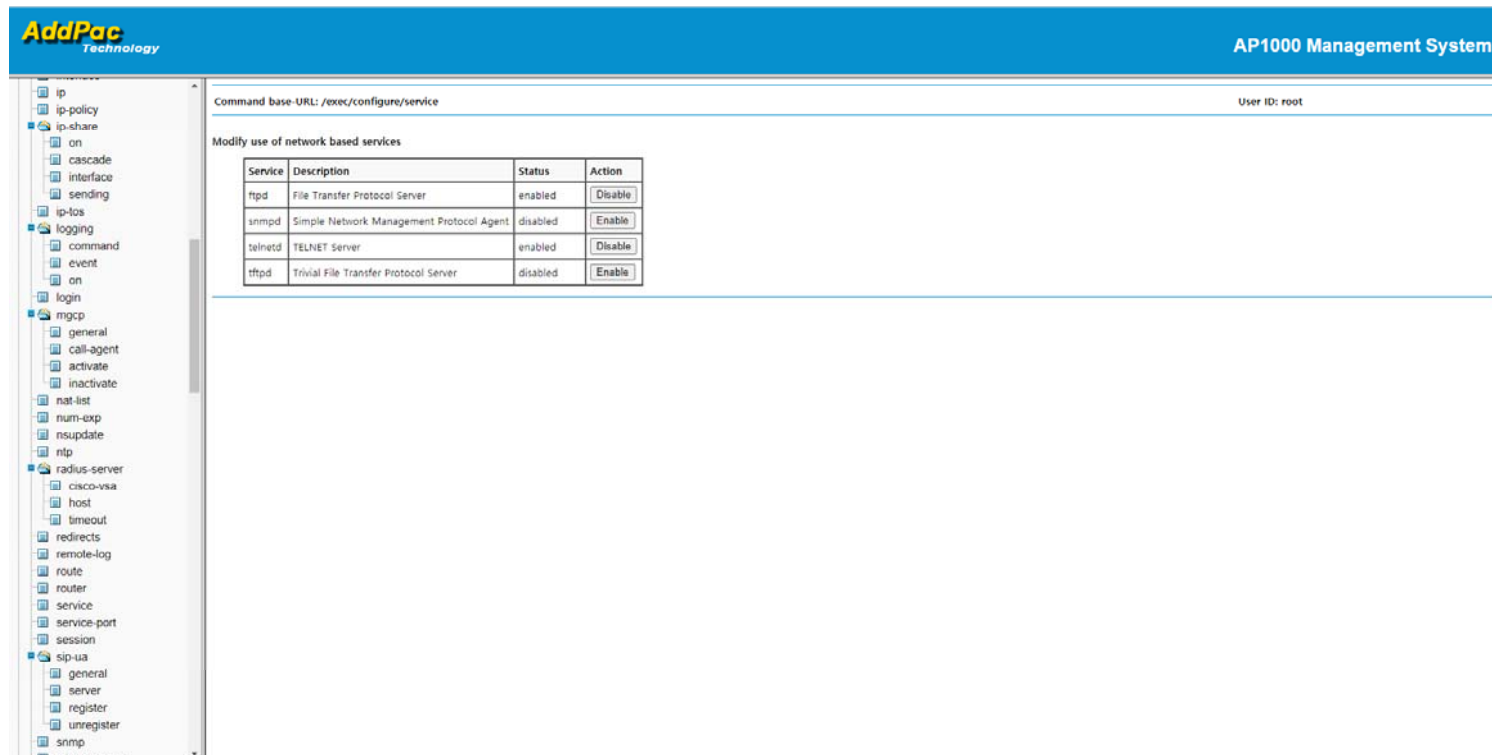
interval	primary-server	secondary-server
(0-14400)minutes	(A.B.C.D)	(A.B.C.D)
<input type="text"/>	<input type="text"/>	<input type="text"/>

# Static Route

The screenshot displays the AddPac AP1000 Management System interface. The top navigation bar includes the AddPac Technology logo on the left and "AP1000 Management System" on the right. Below the navigation bar, the left sidebar shows a tree view of configuration categories, with "route" selected. The main content area shows the configuration page for static routes, with the command base URL "/exec/configure/router" and the user ID "root". The page title is "Enable a Routing Process". A table lists the routing protocols and their status:

Protocol	Description	Status	Action
static	Static routes	enabled	<input type="button" value="Disable"/>
<a href="#">preference</a>	Set preference value for routing protocols		

# Service (ftp, snmp, telnet, tftp) Enable/Disable



The screenshot displays the AddPac AP1000 Management System interface. The left sidebar shows a tree view of configuration categories, with 'radius-server' expanded. The main content area shows the configuration page for network services, titled 'Modify use of network based services'. The page includes a command base URL and a user ID. A table lists the services and their status, with buttons to enable or disable them.

Command base URL: /exec/configure/service User ID: root

Service	Description	Status	Action
ftpd	File Transfer Protocol Server	enabled	<input type="button" value="Disable"/>
snmpd	Simple Network Management Protocol Agent	disabled	<input type="button" value="Enable"/>
telnetd	TELNET Server	enabled	<input type="button" value="Disable"/>
tftpd	Trivial File Transfer Protocol Server	disabled	<input type="button" value="Enable"/>

# Service Port

The screenshot displays the AddPac AP1000 Management System interface. The top navigation bar includes the AddPac Technology logo on the left and 'AP1000 Management System' on the right. Below the navigation bar, the 'Command base URL' is set to '/exec/configure/service-port' and the 'User ID' is 'root'. A sidebar on the left contains a tree view of configuration categories, with 'service-port' selected. The main content area is titled 'Modify use of network based services ports' and contains a table with the following data:

Service	Description	Port number
ftpd	FTP Server Port (1-65535)	<input type="text"/>
httpd	HTTP Server Port (1-65535)	<input type="text"/>
snmpd	SNMP Server Port (1-65535)	<input type="text"/>
telnetd	TELNET Server Port (1-65535)	<input type="text"/>
ttftpd	TFTP Server Port (1-65535)	<input type="text"/>

Below the table is a 'Save' button.

# Telnet Session

The screenshot shows the AddPac AP1000 Management System interface. On the left is a tree view of configuration categories, including 'session'. The main area displays the configuration for 'session', with the command base-URL set to '/exec/configure/session' and the user ID set to 'root'. A section titled 'Set the number of telnet sessions' contains a text input field for 'Max Sessions(1-10)' with the value '5', and 'Set' and 'Default' buttons.

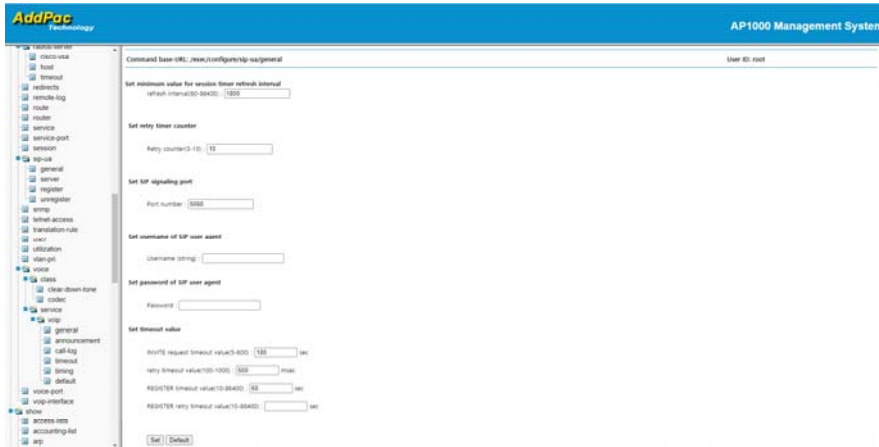
**AddPac Technology** **AP1000 Management System**

Command base-URL: /exec/configure/session User ID: root

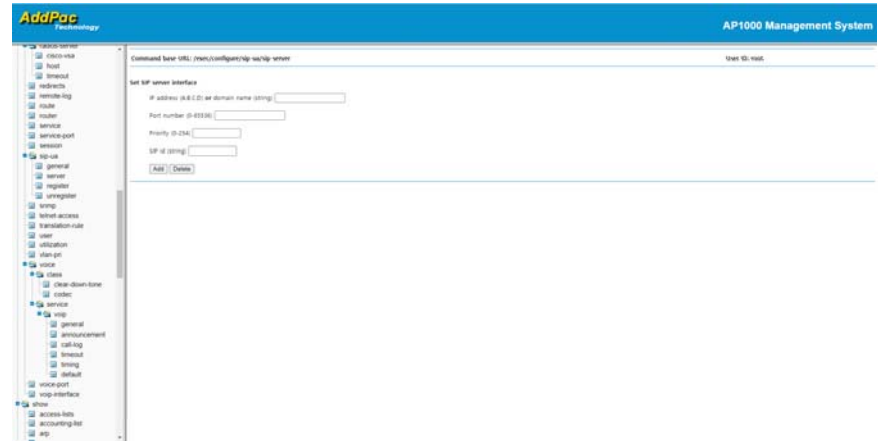
Set the number of telnet sessions

Max Sessions(1-10)

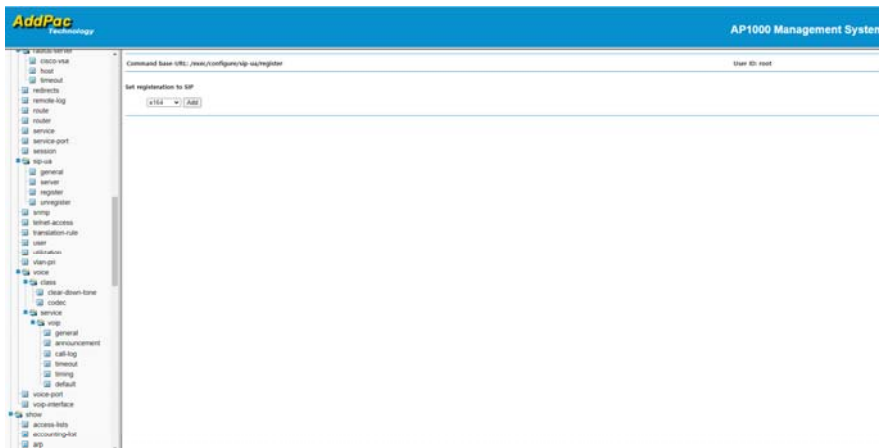
# SIP Protocol



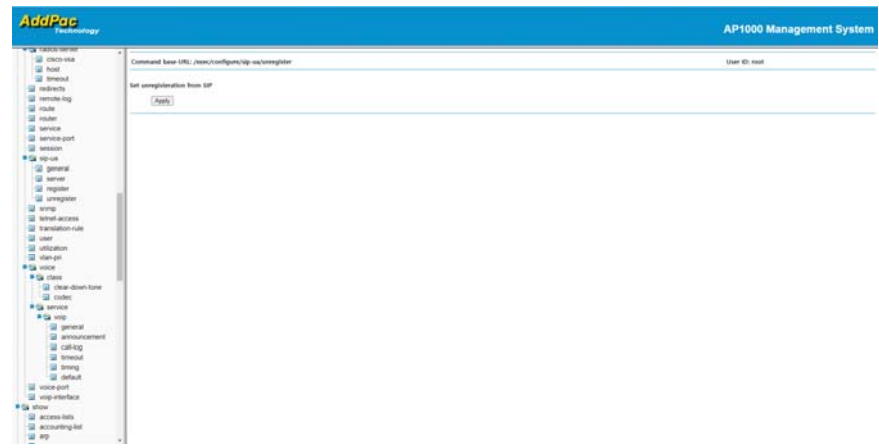
General Parameters



SIP Server Interface



Register to SIP Server



Unregister from SIP Server



# SNMP

**AddPac Technology** AP1000 Management System

Command base-URL: /exec/configure/snmp User ID: root

**Set SNMP community/configuration information**

**Set community informations** Add Delete  
IP address of SNMP manager host:  or 0.0.0.0  
Community string:   
Attribute of community string:

**Text for mib object sysContact** Add Delete  
Identification text:

**Specify hosts to receive SNMP TRAPS** Add Delete  
IP address of SNMP TRAP host:   
TRAP community string:   
Version:

**Text for mib object syslocation** Add Delete  
Physical location:

**Text for mib object sysName** Add Delete  
Name of managed node:

Send TRAP messages on receipt of incorrect community string:  Enable  Disable

- trans-server
  - cisco-vsa
  - host
  - timeout
- redirects
- remote-log
- route
- router
- service
- service-port
- session
- sip-ua
  - general
  - server
  - register
  - urregister
- snmp
- telnet-access
- translation-rule
- user
- utilization
- vlan-pri
- voice
  - class
    - clear-down-tone
    - codec
  - service
    - voip
      - general
      - announcement
      - call-log
      - timeout
      - timing
      - default
    - voice-port
    - voip-interface
- show
  - access-lists
  - accounting-list
  - arp

# Telnet Access Control

The screenshot displays the AddPac AP1000 Management System interface. On the left is a navigation tree with categories like 'tacacs-server', 'sip-ua', 'voice', and 'show'. The main content area is titled 'Set local telnet access control' and includes the following fields and controls:

- Command base-URL: /exec/configure/telnet-access
- User ID: root
- Source IP address:
- Source network mask:  with 'Add' and 'Delete' buttons
- IP address of telnet host:  with 'Add' and 'Delete' buttons

# Number Translation Rules

The screenshot displays the AddPac AP1000 Management System interface. On the left is a navigation tree with categories like 'radius-server', 'sip-ua', and 'voice'. The main content area is titled 'Configure number translation rule' and shows a table with the following structure:

Rule Set Tag	Rule Tag	Input Pattern	Output pattern	Action
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="button" value="Add/Modify"/>

Additional text in the interface includes 'Command base-URL: /exec/configure/translation-rule' and 'User ID: root'.

# System User Information

The screenshot displays the AddPac AP1000 Management System interface. The top navigation bar includes the AddPac Technology logo on the left and 'AP1000 Management System' on the right. A left-hand sidebar contains a tree view of configuration categories, with 'voice' and 'voip' expanded. The main content area is titled 'Change system user informations' and includes the following sections:

- Command base-URL:** /exec/configure/user
- User ID:** root
- Change system user informations:**
  - Add User:** A table with columns: Log-in Name, Password, Level (dropdown menu), and Action (Set button).
  - Change User:** A table with columns: Log-in Name, Old Password, New Password, and Action (Set button).
  - Change User Level:** A table with columns: Log-in Name, Password, Level (dropdown menu), and Action (Set button).
  - Set Timeout (0 is forever):** A table with columns: Log-in Name, Timeout(seconds), and Action (Set button).
  - Delete User:** A table with columns: Log-in Name, Password, and Action (Delete button).

# System Resource Utilization

The screenshot displays the AddPac AP1000 Management System interface. The top navigation bar includes the AddPac Technology logo on the left and 'AP1000 Management System' on the right. A left-hand sidebar contains a tree view of configuration categories, with 'utilization' selected. The main content area shows the configuration page for 'utilization', with the command base URL '/exec/configure/utilization' and the user ID 'root'. The page title is 'System resource using informations'. Below this is a table with columns for Resources, Number(\*), Period(minute)(\*), and Action. The table contains two rows: 'CPU' and 'Ethernet'. The 'CPU' row has a '-' in the Number column and empty fields for Period and Action. The 'Ethernet' row has '0-1' in the Number column and empty fields for Period and Action. Below the table, a note states '(\*) is optional field'.

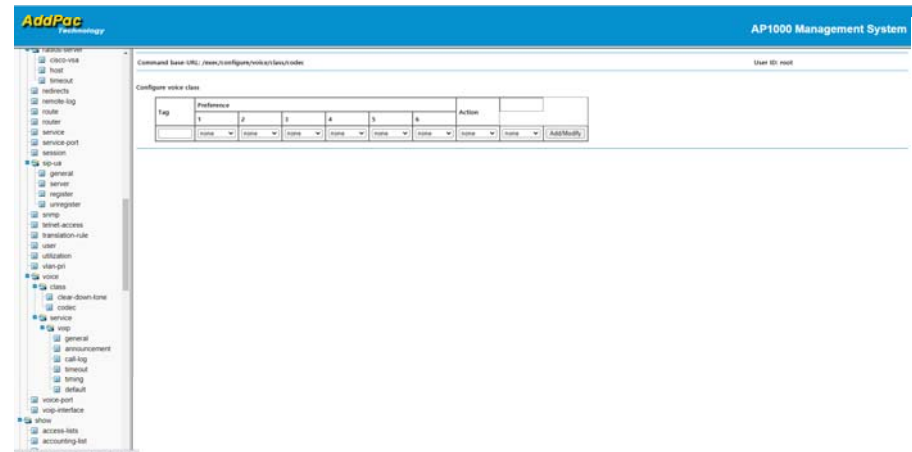
Resources	Number(*)	Period(minute)(*)	Action
CPU	-		Enable Disable
Ethernet	0-1		Enable Disable

(\*) is optional field

# VLAN Priority

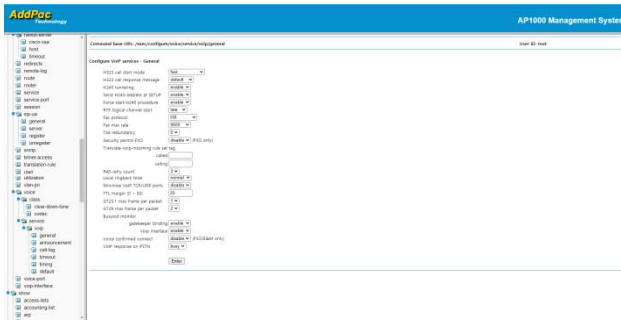
The screenshot shows the AddPac AP1000 Management System interface. The top navigation bar includes the AddPac Technology logo on the left and "AP1000 Management System" on the right. A left-hand sidebar contains a tree view of configuration categories, with "voice" expanded to show "class". The main content area displays the configuration page for "Set VLAN priority field". At the top of this page, it shows the "Command base URI: /exec/configure/vlan.pri" and "User ID: root". The configuration section includes three input fields for priority values (0-7): "default (default VLAN priority)", "rtp (UDP/RTP data)", and "sig (H.323/SIP signalling packet)". An "Apply" button is located below these fields.

# Voice Class

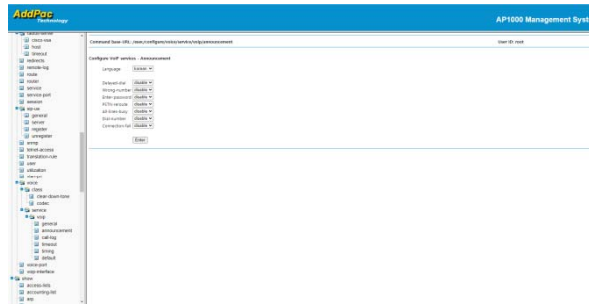


## VOIP Codecs

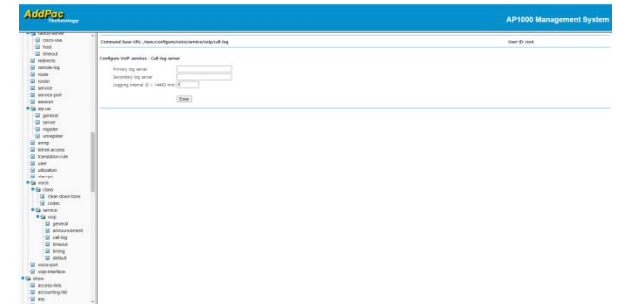
# Voice Service



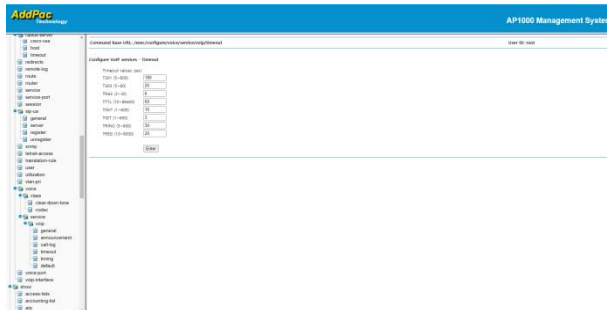
General Parameters



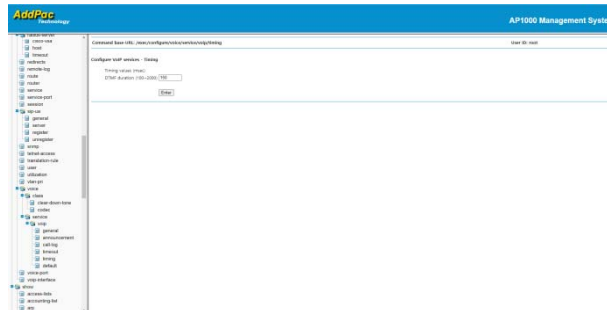
Announcement



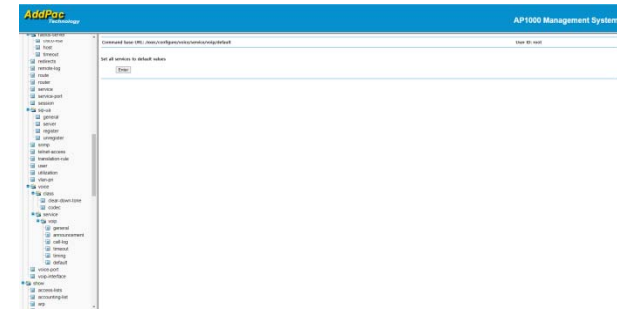
Call Log Server



Timeout Parameters



DTMF Duration



Default Value Setting



# Voice Port

The screenshot displays the AddPac AP1000 Management System interface. The top navigation bar includes the AddPac Technology logo on the left and "AP1000 Management System" on the right. Below the navigation bar, a left-hand sidebar contains a tree view of system configuration categories, with "voice-port" selected. The main content area shows the "Configure voice port" page. At the top of this page, it indicates the "Command base-URL: /exec/configure/voice-port" and the "User ID: root". The central part of the page features a table with the following data:

Port	Type	In-Gain	Out-Gain	Description	Adm Status	Action
0/0	FXS	0	0	-	up	<a href="#">Modify</a>
0/1	FXS	0	0	-	up	<a href="#">Modify</a>
0/2	FXS	0	0	-	up	<a href="#">Modify</a>
0/3	FXS	0	0	-	up	<a href="#">Modify</a>

# Voice Interface

The screenshot displays the AddPac AP1000 Management System interface. The top navigation bar includes the AddPac Technology logo on the left and 'AP1000 Management System' on the right. Below the navigation bar, a left-hand sidebar contains a tree view of configuration categories, including 'voice', 'show', 'access-lists', 'arp', 'bridge', 'call', and 'dialpattern-group'. The main content area is titled 'Configure VoIP Interface' and shows the current configuration for the 'ether0.0' interface. The 'Command base-URL' is '/exec/configure/voip-interface' and the 'User ID' is 'root'. The configuration fields are: 'Interface name' (dropdown menu set to 'ether'), 'Interface number' (text input set to '0'), and 'Sub-interface number' (text input set to '0'). An 'Enter' button is located below these fields.

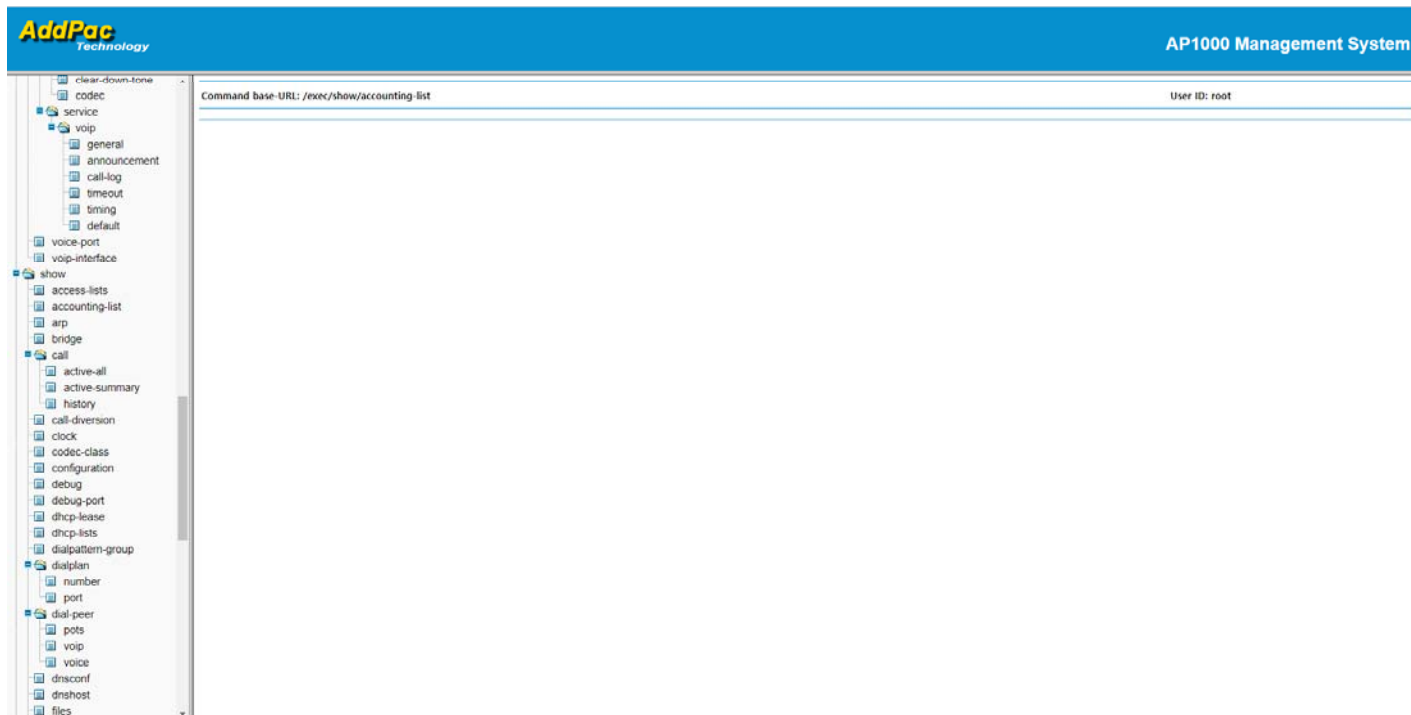


Show

# Access List

The screenshot displays the AddPac AP1000 Management System interface. The top header includes the AddPac Technology logo on the left and 'AP1000 Management System' on the right. A navigation tree on the left side lists various system components, with 'show' and 'access-lists' highlighted. The main content area shows the command 'show access-lists' entered in the 'Command base-URL: /exec/show/access-list' field. The output of the command is 'No Access-list is configured'. The 'User ID: root' is displayed in the top right corner of the command area.

# Accounting List



# ARP Table

The screenshot displays the AddPac AP1000 Management System interface. On the left is a navigation tree with categories like 'service', 'show', and 'call'. The main content area shows the command base-URL as '/exec/show/arp' and the user ID as 'root'. Below this, it indicates 'Allocate ARP Entry : 1/255' and displays a table of ARP entries.

IP Address	Ethernet Address	Interface	TTL	State
172.17.207.254	08:36:6c:6a:45:c5	ether0.0	70	RESOLVED

Below the table, it states 'ARP Table Timeout : 600 seconds'.

# Bridge

The screenshot displays the AddPac AP1000 Management System interface. The top header features the AddPac Technology logo on the left and "AP1000 Management System" on the right. A left-hand navigation pane shows a tree structure of configuration options, including "clear-down-lone", "codec", "service", "voip", "show", and "bridge". The "bridge" option is highlighted. The main content area shows the command base URL as "/exec/show/bridge" and the user ID as "root".

# Active Call

The screenshot displays the AddPac AP1000 Management System interface. On the left is a navigation tree with categories like 'service', 'show', and 'dial-peer'. The 'show' category is expanded to 'call', and 'active-all' is selected. The main content area shows the command base-URL as '/exec/show/call/active-all' and the user ID as 'root'. The output of the command is 'Total calls : 0'.

**AddPac**  
Technology

AP1000 Management System

Command base-URL: /exec/show/call/active-all

User ID: root

Total calls : 0



# Active Call Summary

**AddPac**  
Technology

AP1000 Management System

Command base-URL: /exec/show/call/active-summary User ID: root

Total calls : 0

Call Num	EstablishedTime	Dur.	CallingParty	CalledParty	Rx Packets	Tx Packets
----------	-----------------	------	--------------	-------------	------------	------------

# Call History

The screenshot displays the AddPac AP1000 Management System interface. On the left is a navigation tree with categories like 'service', 'show', and 'call'. The main area shows the command 'show call history' executed in a terminal window. The output is a table with the following columns: CallNum, EventTime, Descript, CallingPartyNum, CalledPartyNum, RebootInfo, SetupTime, Dur, and Reason. The table is currently empty.

Command base-URL: /exec/show/call/history User ID: root

CallNum	EventTime	Descript	CallingPartyNum	CalledPartyNum	RebootInfo	SetupTime	Dur	Reason
---------	-----------	----------	-----------------	----------------	------------	-----------	-----	--------

# Call Diversion

The screenshot displays the AddPac AP1000 Management System interface. The top header features the AddPac Technology logo on the left and "AP1000 Management System" on the right. A left-hand navigation pane shows a tree structure of configuration options, with "call" expanded to show "call-diversion". The main content area contains a command prompt with the text "Command base-URL: /exec/show/call-diversion" and "User ID: root".

# Clock

The screenshot displays the AddPac AP1000 Management System interface. On the left is a navigation tree with categories like 'voice', 'show', and 'call'. The 'show' category is expanded, and 'clock' is selected. The main content area shows the command prompt 'Command base-URL: /exec/show/clock' and the output of the 'show clock' command. The output text is: 'System was started at Mon Jan 4 20:20:00 2021', 'Current Time is Mon Jan 4 20:20:12 2021', and 'Running time is 0 days 00:00:12'. The user ID is 'root'.

**AddPac Technology** AP1000 Management System

Command base-URL: /exec/show/clock User ID: root

```
System was started at Mon Jan 4 20:20:00 2021
Current Time is Mon Jan 4 20:20:12 2021
Running time is 0 days 00:00:12
```

# VoIP Codec Class

The screenshot displays the AddPac AP1000 Management System interface. The top navigation bar includes the AddPac Technology logo on the left and "AP1000 Management System" on the right. A left-hand sidebar contains a tree view of configuration categories, with "show" > "code" > "code-class" selected. The main content area shows the command base-URL as "/exec/show/codec-class" and the user ID as "root". The output of the command is as follows:

```
Codec Class 1000
1 : g711ulaw
2 : g711l1aw
3 : g7231r53
4 : g7231r63
5 : g729
```

# Show Configuration List

The screenshot displays the AddPac AP1000 Management System interface. The top header includes the AddPac Technology logo on the left and 'AP1000 Management System' on the right. Below the header is a navigation tree on the left side, with 'show' selected. The main content area shows the command base URL as '/exec/show/configuration' and the user ID as 'root'. The configuration output is as follows:

```
Using 1561 out of 65332 bytes
!
version 8.30#
!
hostname AP1000
!
!
no bridge spanning-tree
!
dhcp-list 1 type server
dhcp-list 1 address server 10.1.1.2 10.1.1.126 255.255.255.128
!
!
ip-share enable
ip-share interface net-side ether0.0
ip-share interface local-side ether1.0
!
interface ether0.0
ip address 172.17.208.21 255.255.0.0
!
interface ether1.0
no ip address
!
snap name AP1000
snap enable-trap dn-register 300 forcibly-block
!
no arp reset
!
route 0.0.0.0 0.0.0.0 172.17.1.1
!
!
!
! VoIP configuration.
!
! Voice service voip configuration.
!
voice service voip
fax protocol t38 redundancy 0
fax rate 9600
h323 call start fast
h323 call tunnel enable
busyout monitor gatekeeper
busyout monitor sip-server
no busyout monitor callagent
busyout monitor voip-interface
!
!
! Voice port configuration.
!
! FXS
voice-port 0/0 ..
```

# Debug

The screenshot displays the AddPac AP1000 Management System interface. The top header features the AddPac Technology logo on the left and "AP1000 Management System" on the right. Below the header, the interface is divided into two main sections. On the left is a hierarchical tree view of configuration options, including categories like "voice", "show", and "call". The "voice" category is expanded, showing sub-items such as "class", "service", and "voip". The "show" category is also expanded, listing various diagnostic and configuration commands. On the right side, there is a command prompt area with the text "Command base-URL: /exec/show/debug" and "User ID: root". The main content area below the command prompt is currently empty.

# Debug Port

The screenshot displays the AddPac AP1000 Management System interface. On the left is a navigation tree with categories like 'voice', 'show', and 'call'. The 'voice' category is expanded to show sub-items such as 'class', 'service', and 'voip'. The 'voip' sub-item is further expanded to show 'general', 'announcement', 'call-log', 'timeout', 'timing', and 'default'. The main area on the right is a terminal window titled 'Debug Port - Console'. At the top of the terminal, it shows 'Command base-URL: /exec/show/debug port' and 'User ID: root'. The terminal content is currently blank.



# DHCP lease

The screenshot displays the AddPac AP1000 Management System interface. The top header is blue with the AddPac Technology logo on the left and "AP1000 Management System" on the right. Below the header, the interface is divided into two main sections. On the left is a configuration tree with a scrollable list of nodes including: organization, vlan-pri, voice, class, clear-down-tone, codec, service, voip, general, announcement, call-log, timeout, timing, default, voice-port, voip-interface, show, access-lists, accounting-list, arp, bridge, call, active-all, active-summary, history, call-diversion, clock, codec-class, configuration, debug, debug-port, dhcp-lease, dhcp-lists, dialpattern-group, dialplan, number, port, dial-peer, pots, and voip. The "dhcp-lease" node is highlighted. On the right side, the command execution area shows "Command base-URL: /exec/show/dhcp-lease" and "User ID: root". The main content area below these fields is currently empty.

# DHCP list

The screenshot displays the AddPac Management System interface. On the left is a navigation tree with categories like 'voice' and 'show'. The 'show' category is expanded to 'dhcp-lists'. The main panel shows the command base URL as '/exec/show/dhcp-lists' and the user ID as 'root'. The output of the command is as follows:

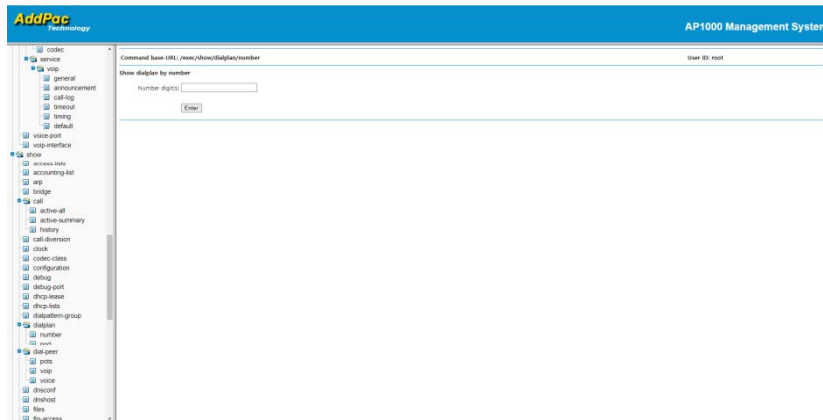
```
dhcp-list 0 address server 0.0.0.0 0.0.0.0 0.0.0.0
dhcp-list 0 option domain-name addpac.com
dhcp-list 0 option dhcp-lease-time 3600
dhcp-list 0 option max-lease-time 2147483647
dhcp-list 0 option arp-cache-timeout 180
dhcp-list 0 option ethernet-encapsulation ethernet
dhcp-list 0 option interface-mtu 1500
dhcp-list 0 option default-ip-ttl 255
dhcp-list 0 address relay 0.0.0.0

dhcp-list 1 type server
dhcp-list 1 address server 10.1.1.2 10.1.1.126 255.255.255.128
dhcp-list 1 option domain-name addpac.com
dhcp-list 1 option dhcp-lease-time 3600
dhcp-list 1 option max-lease-time 2147483647
dhcp-list 1 option arp-cache-timeout 180
dhcp-list 1 option ethernet-encapsulation ethernet
dhcp-list 1 option interface-mtu 1500
dhcp-list 1 option default-ip-ttl 255
```

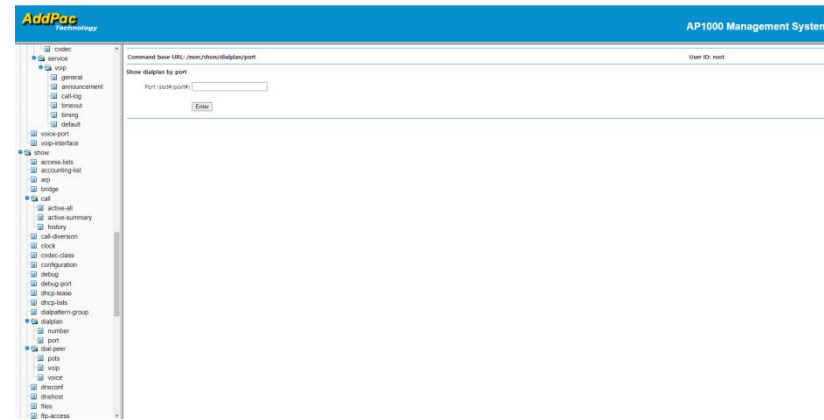
# Dial Pattern Group

The screenshot displays the AddPac AP1000 Management System interface. The top header is blue with the AddPac Technology logo on the left and 'AP1000 Management System' on the right. Below the header, the interface is split into two main sections. On the left is a navigation tree with a tree view icon at the top. The tree is expanded to show the 'show' directory, which contains several sub-items: 'access-lists', 'accounting-list', 'arp', 'bridge', 'call', 'call-diversion', 'clock', 'codec-class', 'configuration', 'debug', 'debug-port', 'dhcp-lease', 'dhcp-lists', 'dial-pattern-group', 'dialplan', 'number', 'port', 'dial-peer', 'pots', 'voip', and 'voice'. The 'dial-pattern-group' item is highlighted. On the right side of the interface, there is a command prompt area. The text 'Command base-URL: /exec/show/dial-pattern-group' is displayed above a horizontal line. Below the line, the text 'User ID: root' is visible. The main content area below the line is currently empty.

# Dial Plan



Dial Plan Number



Dial Plan Port



# DNS Conf

The screenshot displays the AddPac AP1000 Management System interface. The top header includes the AddPac Technology logo on the left and 'AP1000 Management System' on the right. A navigation tree on the left side lists various configuration categories, with 'show' expanded to show 'dnsconf'. The main content area shows the command base URL as '/exec/show/dnsconf' and the user ID as 'root'. The configuration output is as follows:

```
Command base URL: /exec/show/dnsconf
User ID: root
-----
dnshost  cache-t timeout 600
dnshost  query-t timeout 10
-----
```

# DNS Host

The screenshot displays the AddPac AP1000 Management System interface. The top header includes the AddPac Technology logo on the left and 'AP1000 Management System' on the right. A navigation tree on the left side lists various system categories such as 'show', 'access-lists', 'arp', 'bridge', 'call', 'dial-peer', and 'ip'. The 'show' category is expanded, and 'dns host' is selected. The main content area shows the command base-URL as '/exec/show/dnshost' and the user ID as 'root'. The output of the command is displayed as follows:

```
Command base-URL: /exec/show/dnshost
User ID: root
No DNS host entry.
No DNS Service Location entry.
```

# Files

The screenshot displays the AddPac AP1000 Management System interface. On the left is a navigation tree with categories like 'show', 'access-lists', 'bridge', 'call', 'dial-peer', and 'ip'. The main area shows the output of the command 'show files' executed as root. The output is a table listing files with columns for permissions, user, group, size, date, and filename.

Command base URL: /exec/show/files		User ID: root				
-rwxr-xr-x	1	noone	nogroup	0	Jan 4 2021	evtllog0.txt
-rwxr-xr-x	1	noone	nogroup	0	Jan 4 2021	evtllog1.txt
-rwxr-xr-x	1	noone	nogroup	0	Jan 4 2021	cmdlog0.txt
-rwxr-xr-x	1	noone	nogroup	0	Jan 4 2021	cmdlog1.txt
-rwxr-xr-x	1	noone	nogroup	1930	Jun 4 2021	config.ctp
-rwxr-xr-x	1	noone	nogroup	1821216	Oct 29 2010	ap1000row_v8_30W.bin



# FTP Access

The screenshot displays the AddPac AP1000 Management System interface. The top header features the AddPac Technology logo on the left and "AP1000 Management System" on the right. A left-hand navigation pane shows a hierarchical tree of configuration categories, including "show", "call", "dialplan", "dial-peer", "dnsconf", "files", "gateway", "interfaces", "igmp", "ip", and "ip-share". The "show" category is expanded, and "ftp-access" is selected. The main content area shows the command base-URL as "/exec/show/ftp-access" and the user ID as "root".

# H.323 Parameters

The screenshot displays the AddPac AP1000 Management System interface. The left sidebar shows a tree view of configuration categories, with 'show' expanded to 'call' and 'h323'. The main content area shows the output of the command 'show gateway'. The output is as follows:

```
Command base-URL: /exec/show/gateway User ID: root

System Information
status = in service
voice interface status = enabled
product name = AddPac VoIP N
product version = 9.23 (2006.01.07.00.0)
endpoint type = gateway

Gatekeeper Registration Information
H.323 id = voip.172.17.200.21
gatekeeper registration option = disabled
gatekeeper security option = disabled
Gatekeeper registration status :
not registered.
last registration reject information from gatekeeper
Unknown (Jan 1 00:00:07)

Gatekeeper list :

Local aliases
[1] H323ID : voip.172.17.200.21
[2] 188

Technical prefixes

Gateway Information
discovery (send GRQ) = disabled
ARQ option = arq default
LRQ option = no lra
lightweight IRR = disabled
TTL margin = 20 %

h323 call start mode = fast
h323 call tunneling mode = enabled
h323 call channel mode = late
h323 response asa = default
h323 call preconnect = disabled
system fax mode = (30)
system fax rate (bps) = 9600
system T.38 fax redundancy = 0
force to send startHGAS = enabled
dialPeer hunt algorithm = longest - preference - random
translate voip incoming called number = -1
translate voip incoming calling number = -1
local ringback tone = normal
end of digit = #
ip address prefix = *
hold tone play = none
busyout monitor gatekeeper
busyout monitor sip-server
busyout monitor voip-interface
voice confirmed connect on FXO = 0

number of ports = 4
```

# Interface (ethernet)

The screenshot displays the AddPac Management System interface. On the left is a navigation tree with categories like configuration, debug, dhcp, and interfaces. The main area shows the command base URL: /exec/show/interfaces. The output lists details for two interfaces: ether0.0 and ether1.0. ether0.0 is operational with IP 172.17.208.21, while ether1.0 is down with no IP address.

**AddPac Technology** AP1000 Management System

Command base URL: /exec/show/interfaces User ID: root

```
Interface : ether0.0
IP Address : 172.17.208.21   Physical Interface : Ethernet0
Network : 172.17.0.0       Subnet Mask : 255.255.0.0
Administrator Status : IP   Operation Status : UP
Network Type : Ethernet    MTU : 1500
Hardware Address : 00:0C:a4:03:78:e2

Ethernet0 is UP, Line protocol is UP
QoS control is disabled
Interface type is 100Base-TX
auto-negotiation is enabled
Link status is 100 Mbps (FULL-DUPLEX)
last 1 minute data rate : tx 1952 bps, rx 4394 bps
42035 packets input, 2944372 bytes, 0 no buffers
Received 0 runts, 0 giants
0 input errors, 0 CRC, 0 frame, 0 overrun, 0 ignored
0 input packets with dribble condition detected
1652 packets output, 863117 bytes, 0 drops
0 output errors, 0 collision, 0 interface resets
0 underruns, 0 late collisions, 0 deferred
0 lost carrier, 0 no carrier

Interface : ether1.0
IP Address : no ip address   Physical Interface : Ethernet1
Administrator Status : IP   Operation Status : DOWN
Network Type : Ethernet    MTU : 1500
Hardware Address : 00:0C:a4:03:78:e3

Ethernet1 is DOWN, Line protocol is DOWN
QoS control is disabled
Interface type is 10Base-T
Link status is 10 Mbps (HALF-DUPLEX)
last 1 minute data rate : tx 0 bps, rx 0 bps
0 packets input, 0 bytes, 0 no buffers
Received 0 runts, 0 giants
0 input errors, 0 CRC, 0 frame, 0 overrun, 0 ignored
0 input packets with dribble condition detected
0 packets output, 0 bytes, 0 drops
0 output errors, 0 collision, 0 interface resets
0 underruns, 0 late collisions, 0 deferred
0 lost carrier, 0 no carrier
```

# IGMP

The screenshot displays the AddPac AP1000 Management System interface. The top header features the AddPac Technology logo on the left and "AP1000 Management System" on the right. Below the header, a navigation tree on the left lists various configuration categories, including "igmp". The main content area shows the command base URL as "/exec/show/igmp" and the user ID as "root".

Navigation Tree:

- configuration
- debug
- debug-port
- dhcp-lease
- dhcp-lists
- dialpattern-group
- dialplan
  - number
  - port
- dial-peer
  - pots
  - voip
  - voice
- dnscnf
- dnshost
- files
- ftp-access
- gateway
- interfaces
- igmp
- ip
  - interface
  - traffic
- ip-share
- line-ctrl
- logging
- login
- mgcp
- nat-list
- num-exp
- route
- router
- running-config
- sessions
- service
- sip
- snmp
- spanning-tree
- static
- custom

# IP interface

The screenshot displays the AddPac AP1000 Management System interface. On the left is a navigation tree with categories like configuration, debug, dhcp, and ip. The 'ip' category is expanded, showing sub-items like interface, traffic, ip-share, etc. The main content area shows the command base URL as /exec/show/ip/interface and the user ID as root. Below this is a table with the following data:

Interface	IP-Address	Status	Protocol
loopback0	127.0.0.1	up	up
ether0.0	172.17.208.21	up	up
ether1.0	unassigned	down	down

# IP Data Statistics

The screenshot displays the AddPac AP1000 Management System interface. On the left is a navigation tree with categories like configuration, debug, dhcp, and ip. The 'ip' category is expanded, showing sub-items like interface, traffic, and ip-share. The main content area shows the command base-URL: /exec/show/ip/traffic and the output of the show command. The output lists various IP statistics such as packets received, delivered, and discarded.

**AddPac Technology** AP1000 Management System

Command base-URL: /exec/show/ip/traffic User ID: root

IP Datagram Statistics :

- Packet Received : 2695
- Packet Received with Header Error : 0
- Packet Received with Address Error : 0
- Packet Received with Unknown/Unsupported Protocol : 0
- Packet Forwarded : 20
- Packet Received but discarded : 0
- Packet Delivered : 1547
- Packet Output Requested : 1604
- Packet Output is discarded : 0
- Packet Output but no Route : 20
- Packet Re-assembly Timeout : 0
- Packet Re-assembly Request : 0
- Packet Re-assembly OK : 0
- Packet Re-assembly Fail : 0
- Packet Fragment OK : 0
- Packet Fragment Fail : 0
- Packet Fragment Created : 0
- Packet Routing Discard : 0

# IP Share

The screenshot displays the AddPac AP1000 Management System interface. On the left is a configuration tree with the following items:

- configuration
- debug
- debug-port
- dhcp-lease
- dhcp-lists
- dialpattern-group
- dialplan
  - number
  - port
- dial-peer
  - pots
  - voip
  - voice
- dnsconf
- dnshost
- files
- ftp-access
- gateway
- interfaces
- igmp
- ip
  - interface
  - traffic
- ip-share
- line-ctrl
- logging
- login
- mgcp
- nat-list
- num-exp
- route
- router
- running-config
- sessions
- service
- sip
- srmp
- spanning-tree
- static

The main content area shows the command base-URL: /exec/show/ip-share and the user ID: root. Below this is a table with the following headers:

STATE	PROTOCOL	TIMER	LOCAL-IP/LOCAL-Port	GLOBAL-IP/REMOTE-Port
-------	----------	-------	---------------------	-----------------------

# Interface (ethernet) Status

The screenshot displays the AddPac AP1000 Management System interface. On the left is a navigation tree with categories like configuration, debug, dhcp, dialplan, dial-peer, voice, dns, files, gateway, interfaces, igmp, ip, ip-share, line-ctrl, logging, login, mgcp, nat, num-exp, route, router, running-config, sessions, service, sip, snmp, spanning-tree, and static. The main content area shows the command prompt 'Command base-URL: /exec/show/line-ctrl' and 'User ID: root'. Below this, the status for two interfaces is shown: 'Interface : ethernet0' with 'auto-Negotiation is enabled', 'operating mode is FULL-DUPLEX', and 'operating speed is 100 Mbps'; and 'Interface : ethernet1' with 'operating mode is HALF-DUPLEX' and 'operating speed is 10 Mbps'.



# Logging

The screenshot displays the AddPac AP1000 Management System interface. The top header is blue with the AddPac Technology logo on the left and "AP1000 Management System" on the right. A left-hand navigation pane shows a tree structure of configuration categories, with "logging" selected. The main content area shows the command base URL as "/exec/show/logging" and the user ID as "root". The output of the command is as follows:

```
logging enabled
console logging enabled
  2 messages logged.
event logging enabled
( emergency alert critical error warning notification informational )
  0 messages logged.
```

# Login

The screenshot displays the AddPac AP1000 Management System interface. The top header includes the AddPac Technology logo on the left and 'AP1000 Management System' on the right. A left-hand navigation pane shows a tree structure of configuration categories, including 'configuration', 'debug', 'dhcp-lease', 'dhcp-lists', 'dialpattern-group', 'dialplan', 'dial-peer', 'dnsconf', 'files', 'gateway', 'interfaces', 'igmp', 'ip', 'ip-share', 'line-ctrl', 'logging', 'login', 'mgcp', 'nat-list', 'num-exp', 'route', 'router', 'running-config', 'sessions', 'service', 'sip', 'snmp', 'spanning-tree', 'static', and 'system'. The main content area shows the command 'show login' executed in the command base. The output of the command is as follows:

```
Command base-URL: /exec/show/login User ID: root

login lock fail 3
login lock time 00:00
Console is unlock state
Telnet is unlock state
```

# MGCP Parameters

The screenshot displays the AddPac Management System interface. The left sidebar shows a navigation tree with categories like configuration, debug, dhcp, dialplan, dial-peer, ip, and logging. The main content area shows the command base-URL: /exec/show/mgcp. The output includes Call Agent Information, MGCP timer values, and MGCP information. Below the MGCP information, there are two tables: an endpoint list and a connection list.

Command base-URL: /exec/show/mgcp User ID: root

Call Agent Information  
Call-agent list :  
Notified Entity :

MGCP timer values  
tretry (scco retry timer) = 4000 msec.  
thist (scco hist timer) = 30 sec.  
twac (scco wac timer) = 20 sec.

MGCP information  
DTMF Relay = disabled  
restart delay = 0 sec.  
busyout monitor timer = 5 sec.  
forced play ringback-tone = no  
sid = yes  
send rtp for each endpoint = no  
default-package = line-package  
supported-packages :  
dtmf-package  
se-package  
hs-package  
line-package  
trunk-package  
endpoint list :

ENDPOINT-NAME	ADMIN	STATE	NOTIFIED
aa1n/O/0BAP1000	Idle	Down	FALSE
aa1n/O/1BAP1000	Idle	Down	FALSE
aa1n/O/2BAP1000	Idle	Down	FALSE
aa1n/O/3BAP1000	Idle	Down	FALSE

connection list :

ENDPOINT-NAME	ConnectionID	CallID
---------------	--------------	--------

# NAT List

The screenshot displays the AddPac AP1000 Management System interface. The top header includes the AddPac Technology logo on the left and "AP1000 Management System" on the right. Below the header is a navigation tree on the left side, listing various system components such as configuration, debug, dhcp-lease, dhcp-lists, dialplan-group, dialplan, number, port, dial-peer, pots, voip, voice, dnsconf, dnshost, files, ftp-access, gateway, interfaces, igmp, ip, interface, traffic, ip-share, line-ctrl, logging, login, mgcp, nat-list, num-exp, route, router, running-config, sessions, service, sip, snmp, spanning-tree, static, and users. The "nat-list" item is selected and highlighted.

The main content area shows the command base URL: `/exec/show/nat-list` and the user ID: `root`. The output of the command is a list of NAT configurations for multiple NAT lists (0 through 5). Each entry includes the NAT list ID, the type of NAT (pat), the address, and various timeout settings (icmp, tcp, udp, syn, fin).

```
Command base-URL: /exec/show/nat-list
User ID: root

nat-list 0 pat address 0.0.0.0
nat-list 0 pat icmp-timeout 30
nat-list 0 pat tcp-timeout 300
nat-list 0 pat udp-timeout 30
nat-list 0 pat syn-timeout 30
nat-list 0 pat fin-timeout 10
nat-list 0 nat outside-global 0.0.0.0 0.0.0.0 0.0.0.0
nat-list 0 nat inside-global 0.0.0.0 0.0.0.0 0.0.0.0
nat-list 0 nat timeout 300

nat-list 1 pat address 0.0.0.0
nat-list 1 pat icmp-timeout 30
nat-list 1 pat tcp-timeout 300
nat-list 1 pat udp-timeout 30
nat-list 1 pat syn-timeout 30
nat-list 1 pat fin-timeout 10
nat-list 1 nat outside-global 0.0.0.0 0.0.0.0 0.0.0.0
nat-list 1 nat inside-global 0.0.0.0 0.0.0.0 0.0.0.0
nat-list 1 nat timeout 300

nat-list 2 pat address 0.0.0.0
nat-list 2 pat icmp-timeout 30
nat-list 2 pat tcp-timeout 300
nat-list 2 pat udp-timeout 30
nat-list 2 pat syn-timeout 30
nat-list 2 pat fin-timeout 10
nat-list 2 nat outside-global 0.0.0.0 0.0.0.0 0.0.0.0
nat-list 2 nat inside-global 0.0.0.0 0.0.0.0 0.0.0.0
nat-list 2 nat timeout 300

nat-list 3 pat address 0.0.0.0
nat-list 3 pat icmp-timeout 30
nat-list 3 pat tcp-timeout 300
nat-list 3 pat udp-timeout 30
nat-list 3 pat syn-timeout 30
nat-list 3 pat fin-timeout 10
nat-list 3 nat outside-global 0.0.0.0 0.0.0.0 0.0.0.0
nat-list 3 nat inside-global 0.0.0.0 0.0.0.0 0.0.0.0
nat-list 3 nat timeout 300

nat-list 4 pat address 0.0.0.0
nat-list 4 pat icmp-timeout 30
nat-list 4 pat tcp-timeout 300
nat-list 4 pat udp-timeout 30
nat-list 4 pat syn-timeout 30
nat-list 4 pat fin-timeout 10
nat-list 4 nat outside-global 0.0.0.0 0.0.0.0 0.0.0.0
nat-list 4 nat inside-global 0.0.0.0 0.0.0.0 0.0.0.0
nat-list 4 nat timeout 300

nat-list 5 pat address 0.0.0.0
nat-list 5 pat icmp-timeout 30
nat-list 5 pat tcp-timeout 300
nat-list 5 pat udp-timeout 30
```

# Number Expansion

The screenshot displays the AddPac AP1000 Management System interface. The top header features the AddPac Technology logo on the left and "AP1000 Management System" on the right. A left-hand navigation pane shows a tree structure of configuration categories, including configuration, debug, dhcp, dialplan, dial-peer, dns, files, gateway, interfaces, ip, and router. The "ip" category is currently selected. The main content area shows the command base URL: "/exec/show/num-exp" and the user ID: "root".

# Route

The screenshot displays the AddPac AP1000 Management System interface. On the left is a navigation tree with categories like configuration, debug, dhcp, and ip. The main area shows the command base URL as /exec/show/route and the user ID as root. The output of the command is as follows:

```
Command base URL: /exec/show/route User ID: root

Codes: C - connected, S - static, R - RIP, O - OSPF
S 0.0.0.0 [5/0] via 172.17.1.1, ether0.0
C 127.0.0.0 is directly connected, 127.0.0.1 loopback0
C 172.17.0.0 is directly connected, 172.17.208.21 ether0.0
```

# Running Config

The screenshot displays the AddPac AP1000 Management System interface. On the left is a tree view of configuration categories, with 'ip' selected. The main area shows the command-line output of the 'show running-config' command. The configuration includes system information, DHCP server settings, interface configurations for ether0.0 and ether1.0, routing, logging, and VoIP services.

```
Command base URL: /exec/show/running-config
User ID: root

!
version 8.30W
!
hostname AP1000
!
no bridge spanning-tree
!
dhcp-list ! type server
dhcp-list ! address server 10.1.1.2 10.1.1.126 255.255.255.128
!
!
ip-share enable
ip-share interface nat-side ether0.0
ip-share interface local-side ether1.0
!
Interface ether0.0
ip address 172.17.208.21 255.255.0.0
!
Interface ether1.0
no ip address
!
snmp name AP1000
snmp enable-trap dn-register 300 forcibly-block
!
no arp reset
!
route 0.0.0.0 0.0.0.0 172.17.1.1
!
logging command
logging event all
logging on
!
!
! VoIP configuration.
!
! Voice service voip configuration.
!
voice service voip
fax protocol t38 redundancy 0
fax rate 9600
h323 call start fast
h323 call tunnel enable
busvoip monitor gatekeeper
busvoip monitor sip-server
no busvoip monitor callagent
busvoip monitor voip-interface
!
!
! Voice port configuration.
```

# Session (Console, TTY)

The screenshot displays the AddPac AP1000 Management System interface. On the left is a navigation tree with categories like 'dial-peer', 'voice', and 'ip'. The main content area shows the command 'show sessions' executed in the root user context. The output is a table with columns for Login Name, Terminal, Timeout, and Login Time.

Login Name	Terminal	Timeout	Login Time
root	Console	****	Mon Jan 4 20:54:22 2021
root	tty/1	****	Thu Jan 1 00:00:00 1970
root	tty/2	****	Thu Jan 1 00:00:00 1970
root	tty/3	****	Thu Jan 1 00:00:00 1970
root	tty/4	****	Thu Jan 1 00:00:00 1970
root	tty/5	****	Thu Jan 1 00:00:00 1970
root	tty/6	****	Thu Jan 1 00:00:00 1970



# Service

The screenshot displays the AddPac AP1000 Management System interface. The top header shows the AddPac Technology logo on the left and 'AP1000 Management System' on the right. A left-hand navigation pane lists various system categories such as 'onconfig', 'dnshost', 'files', 'ftp-access', 'gateway', 'interfaces', 'igmp', 'ip', 'interface', 'traffic', 'ip-share', 'line-ctrl', 'logging', 'login', 'mgcp', 'nat-list', 'num-exp', 'route', 'router', 'running-config', 'sessions', 'service', 'sip', 'snmp', 'spanning-tree', 'static', 'system', 'tcp', 'telnet-access', 'tone', 'translation-rule', 'udp', 'user', 'utilization', 'version', 'voice', 'port-all', 'port-summary', 'voip-interface', and 'voip-report'. The 'ip' category is selected.

The main content area shows the command base-URL: /exec/show/service and the user ID: root. The output of the command is as follows:

Service Name	Status
Easy Setup Service	: DISABLE
FTP(File Transfer Protocol) Server	: ENABLE
SNMP(Simple Network Management Protocol) Agent	: DISABLE
TFTP(Trivial File Transfer Protocol) Server	: DISABLE
HTTP Web Server	: ENABLE
TELNET Server	: ENABLE (max session 5)
NTP(Network Time Protocol)	: DISABLE

# SIP Parameters

The screenshot displays the AddPac AP1000 Management System interface. The top header includes the AddPac Technology logo on the left and "AP1000 Management System" on the right. Below the header is a navigation tree on the left side, listing various system components such as onecent, dnshost, files, ftp-access, gateway, interfaces, igmp, ip, interface, traffic, ip-share, ime-clf, logging, login, mgcp, nat-ist, num-exp, route, router, running-config, sessions, service, sip, snmp, spanning-tree, static, system, tcp, telnet-access, tone, translation-rule, udp, user, utilization, version, voice, port-all, port-summary, voip-interface, and vop-report. The main content area shows the output of the command "show sip". The output includes the following information:

```
Command base-URL: /exec/show/sip
User ID: root

Proxyserver Registration Information
  proxyserver registration option = #164
  Proxyserver list :
  No Proxyserver information.

SIP UA Timer counters
  retry counter = 10
SIP UA Timer values
  tretry (sip retry timer) = 500 msec.
  tinterval (sip retry max interval timer) = 4 sec.
  treg (sip register timer) = 60 sec.
  tregtry (sip register retry timer) = 20 sec.
  texpires (sip invite expire timer) = 180 sec.
  texpirens (sip ping timer) = 45 sec.
SIP UA Min-SE value
  Min-SE = 1800 sec.
SIP DNS SRV Query : Disable
SIP Called-Party-Number : from UPL
SIP Call Transfer Mode : Basic
SIP Media Channel Start Mode : Default
SIP Reliable Provisional Response Option : Disabled
SIP Response Option : default
SIP Local Domain : NULL
Special Char : NULL
SIP Routing Method of Incoming Call : Default
SIP Reinvite-Party-ID : Disabled
SIP Local Host Name : No
SIP Conference Server Info
  Name (ID) = NULL
  Related Voip Tag = -1
SIP NAT Info
  PING = Disabled
  Required = NULL
SIP Hook-Flash Event (INFO) Ignore = FALSE
SIP Force-Forwarding Info
SIP Message Parameter Translation TRUE
```

# SNMP Parameters

The screenshot displays the AddPac AP1000 Management System interface. On the left is a navigation tree with categories like dns, gateway, ip, and voice. The main area shows the command base URL as /exec/show/snmp and the user ID as root. Below this is a table of SNMP parameters.

TYPE	Community-Name	IP-Address	TRAP version	Access Mode
contact	AddPac			
location	AddPac			
name	AP1000			
trap-authentication			ENABLE	
enable-trap link-updown			ENABLE	
enable-trap cold/warm-start			ENABLE, startup delay 15 seconds	
enable-cpu-load			DISABLE	
enable-system-login			DISABLE	
enable-voip-ip-change			DISABLE	
enable-trap dn-register 300			forcely-block	

# Spanning Tree

The screenshot displays the AddPac AP1000 Management System interface. The top navigation bar is blue with the AddPac Technology logo on the left and "AP1000 Management System" on the right. A left-hand sidebar contains a tree view of configuration categories, including "spanning-tree" which is currently selected. The main content area shows the command base URL as "/exec/show/spanning-tree" and the user ID as "root". The output of the command is "Spanning Tree Protocol is disabled".

# Static Route

The screenshot displays the AddPac AP1000 Management System interface. The top navigation bar includes the AddPac Technology logo on the left and 'AP1000 Management System' on the right. A left-hand sidebar contains a tree view of configuration categories, with 'static' selected. The main content area shows the command base URL as '/exec/show/static' and the user ID as 'root'. Below this, a table displays the static route configuration:

Destination	Network Mask	IP/Interface	Preference
0.0.0.0	0.0.0.0	172.17.1.1	5

# System Task Information

The screenshot displays the AddPac AP1000 Management System interface. On the left is a navigation tree with categories like 'dinscom', 'files', 'gateway', 'interfaces', 'ip', 'router', and 'voice'. The main content area shows the command base URI as '/exec/show/system' and the user ID as 'root'. Below this is a table of system tasks.

TASK-ID	TCB	STATUS	REASON
10002 start	01b80250	sus	blocked
10000 psod	01b802b0	sus	see
10004 prx	01b80330	sus	see
10005 lcpd	01b803b0	sus	see
10006 dpcd	01b80430	sus	see
10007 ftp-s	01b804b0	sus	see
10009 tel-s	01b80530	sus	see
10003 lcp	01b805b0	sus	see
1000a st1ae	01b80630	sus	see
1000b rt1a	01b806b0	sus	see
1000c fcc-a	01b80730	sus	see
1000d radius	01b807b0	sus	see
1000e www-a	01b80830	sus	see
1000f debug	01b808b0	sus	see
10010 cdr	01b15e98	sus	see
10011 dhpc	01b15f18	sus	see
10012 www-d	01b15f98	READY	

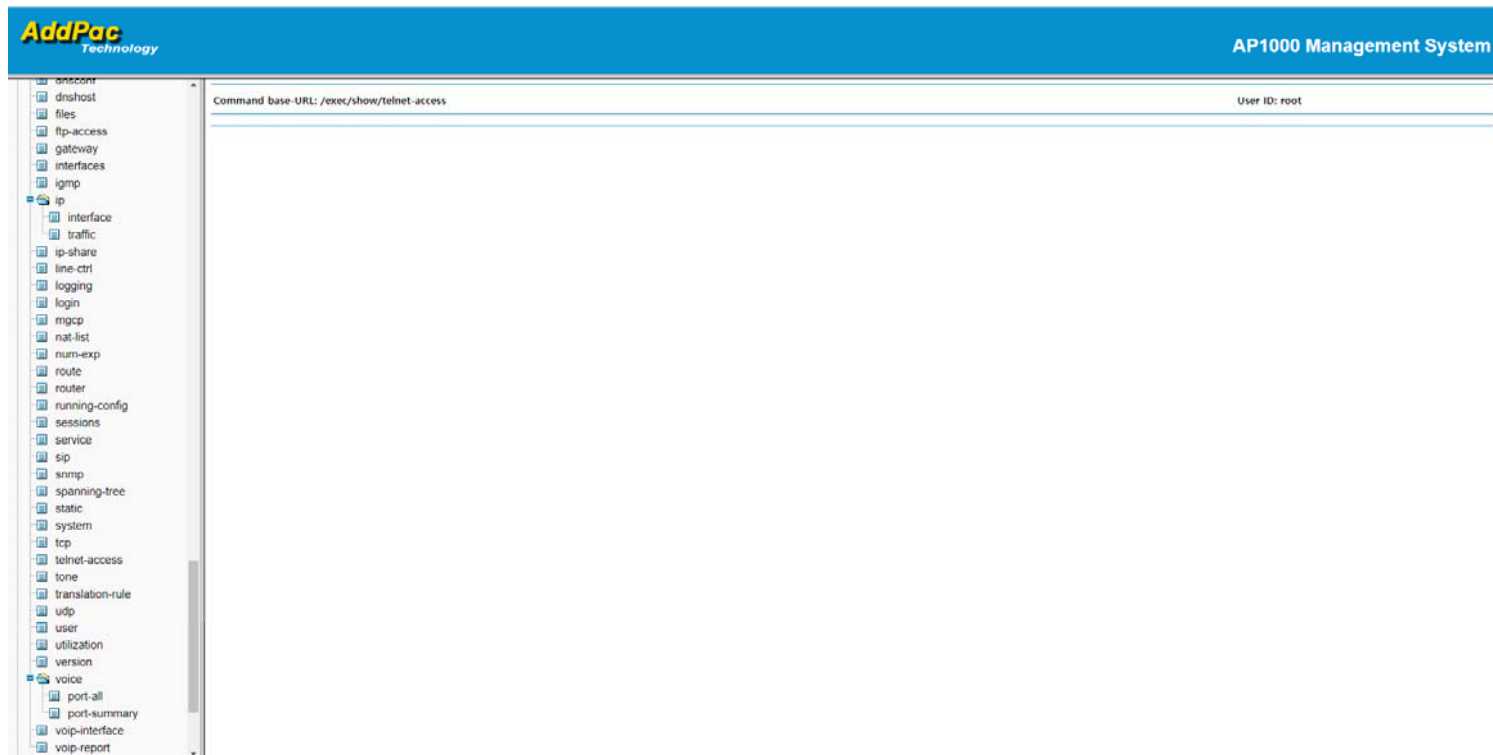
# TCP Session Information

The screenshot displays the AddPac AP1000 Management System interface. The left sidebar contains a tree view of system components, with 'ip' selected under the 'interface' category. The main content area shows the output of the 'show tcp' command, displaying a table of TCP sessions. The table has five columns: Local IP, Local Port, Remote IP, Remote Port, and State. The data shows one established session and several listening sessions.

Command base-URL: /exec/show/tcp User ID: root

Local IP	Local Port	Remote IP	Remote Port	State
172.17.208.21	80	172.17.207.254	3326	ESTABLISHED
172.17.208.21	80	172.17.207.254	3317	TIME_WAIT
172.17.208.21	1720	0.0.0.0	0	LISTEN
0.0.0.0	80	0.0.0.0	0	LISTEN
0.0.0.0	23	0.0.0.0	0	LISTEN
0.0.0.0	21	0.0.0.0	0	LISTEN

# Telnet Access





# Tone Information

The screenshot displays the AddPac AP1000 Management System interface. On the left is a navigation tree with categories like 'voice' and 'tone'. The main area shows the output of the command 'show tone' in a table format. The table lists various tones with their parameters and descriptions.

Tag	Low(Hz)	High(Hz)	On1(ms)	Off1(ms)	On2(ms)	Off2(ms)	dBm	Description
-	350	440	10000	0	0	0	0	-10 Dial tone
-	440	480	1000	2000	0	0	0	-12 RingBack tone
-	480	620	300	300	0	0	0	-12 LineBusy tone
-	480	620	300	300	0	0	0	-12 Reorder tone
-	1400	2060	100	100	0	0	0	0 LineLock tone
-	350	440	250	250	250	3250	-15	Waiting tone
-	400	0	150	300	100	300	-15	Status0 tone
-	1633	0	150	150	150	550	-15	Status1 tone
-	523	0	200	10	0	0	0	-15 Do tone
-	659	0	200	10	0	0	0	-15 Me tone
-	784	0	200	10	0	0	0	-15 Sal tone

# Translation Rule Information

The screenshot displays the AddPac AP1000 Management System interface. The top header is blue with the AddPac Technology logo on the left and "AP1000 Management System" on the right. Below the header, a left sidebar contains a tree view of configuration categories, including "voice" and "translation-rule". The main content area shows the command base URL as "/exec/show/translation-rule" and the user ID as "root". The main content area is currently empty, indicating that no translation rules are currently defined or displayed.

# UDP Information

The screenshot displays the AddPac AP1000 Management System interface. On the left is a navigation tree with categories like 'ip-share', 'logging', 'router', and 'voice'. The main area shows the command 'show udp' executed from the 'router' context. The output is a table with two columns: 'Local IP' and 'Local Port'.

Local IP	Local Port
0.0.0.0	68
172.17.200.21	5000
0.0.0.0	9597
0.0.0.0	2049
0.0.0.0	9599
0.0.0.0	2048
0.0.0.0	67

# User Information

The screenshot displays the AddPac AP1000 Management System interface. On the left is a navigation tree with categories like 'voice' and 'upload file'. The main content area shows the command 'show user' executed in the command base. The output is a table with columns for Login Name, Password, User-Level, Timeout, and Alias Name. The table contains one entry for the 'root' user.

Command base-URL: /exec/show/user User ID: root

Login Name	Password	User-Level	Timeout	Alias Name
root	router	ADMIN	0	

# System Utilization Information

The screenshot displays the AddPac AP1000 Management System interface. The top header is blue with the AddPac Technology logo on the left and "AP1000 Management System" on the right. A left-hand navigation pane lists various system functions, with "utilization" selected. The main content area shows the command base URL as "/exec/show/utilization" and the user ID as "root". Below this, the system utilization status is displayed as follows:

```
Command base-URL: /exec/show/utilization      User ID: root
-----
CPU utilization : disabled
Ethernet utilization : disabled
Ethernet utilization : disabled
```

# Software Version Information

The screenshot displays the AddPac AP1000 Management System interface. The top header is blue with the AddPac Technology logo on the left and "AP1000 Management System" on the right. Below the header is a navigation tree on the left side, listing various system functions such as ip-share, line-ctrl, logging, login, mgcp, nat-list, num-exp, route, router, running-config, sessions, service, sip, snmp, spanning-tree, static, system, tcp, telnet-access, tone, translation-rule, uop, user, utilization, version, voice, upload file, and E-Mail. The main content area shows the output of the command "show version" executed from the command base-URL: /exec/show/version. The output text is as follows:

```
Command base-URL: /exec/show/version
User ID: root

VoiceFinder Gateway Series (AP1000)
Serial Number: AP1000-4370a2
32BIT RISC Processor With 33554432 Bytes System Memory
524288 Bytes System Flash Memory
2097152 Bytes 2nd System Flash Memory

1 RS232 Serial Console Interface
2 Ethernet/IEEE 802.3 Interface

AP1000 System software Revision 8.30W
Released at Fri Oct 29 10:06:54 2010
Program is 1621216 bytes, checksum is 0a941174
```

# Voice Port Information

The screenshot displays the AddPac AP1000 Management System interface. The top header includes the AddPac Technology logo on the left and "AP1000 Management System" on the right. A navigation tree on the left side lists various system components, with "voice" and "port-all" selected. The main content area shows the command base-URL as "/exec/show/voice/port-all" and the user ID as "root". The output displays configuration for two voice ports, slot(0)/port(0) and slot(0)/port(1). Both ports are configured as FXS lines with the following settings: status = idle, input gain = 0 db, output gain = 0 db, PSTN backup port enabled, ring frequency = 25 Hz, ring cadence = 1000 msec on, 2000 msec off, reorder tone duration = 30 sec, line lock tone duration = 30 sec, power down duration = 0 sec, polarity inverse = disabled, tie connection = none, and description = . . . . . Both ports also have translate incoming called-number = -1, translate incoming calling-number = -1, comfort noise generation = enabled, dial tone generation = enabled, echo cancellation = enabled, announcement = enabled, low dtmf gain = -5, high dtmf gain = -5, caller ID = enabled, caller ID type = bellcore, caller ID NAME = enabled, DID Type = normal, busyout action = none, backup busyout action = none, current callnumber = -1, and holded callnumber = -1.

```
Command base-URL: /exec/show/voice/port-all
User ID: root

Voice port slot(0)/port(0)
line type = FXS
status = idle
input gain = 0 db
output gain = 0 db
PSTN backup port enabled
ring frequency = 25 Hz
ring cadence = 1000 msec on, 2000 msec off
reorder tone duration = 30 sec
line lock tone duration = 30 sec
power down duration = 0 sec
polarity inverse = disabled
tie connection = none
description =
translate incoming called-number = -1
translate incoming calling-number = -1
comfort noise generation = enabled
dial tone generation = enabled
echo cancellation = enabled
announcement = enabled
low dtmf gain = -5
high dtmf gain = -5
caller ID = enabled
caller ID type = bellcore
caller ID NAME = enabled
DID Type = normal
busyout action = none
backup busyout action = none
current callnumber = -1
holded callnumber = -1

Voice port slot(0)/port(1)
line type = FXS
status = idle
input gain = 0 db
output gain = 0 db
PSTN backup port enabled
ring frequency = 25 Hz
ring cadence = 1000 msec on, 2000 msec off
reorder tone duration = 30 sec
line lock tone duration = 30 sec
power down duration = 0 sec
polarity inverse = disabled
tie connection = none
description =
translate incoming called-number = -1
translate incoming calling-number = -1
comfort noise generation = enabled
dial tone generation = enabled
echo cancellation = enabled
announcement = enabled
low dtmf gain = -5
high dtmf gain = -5
caller ID = enabled
. . . . .
```

# Voice Port Summary

The screenshot displays the AddPac AP1000 Management System interface. The top navigation bar includes the AddPac Technology logo on the left and 'AP1000 Management System' on the right. A left-hand sidebar contains a tree view of system menus, with 'voice' expanded to show 'port-summary' selected. The main content area shows the command base URL as '/exec/show/voice/port-summary' and the user ID as 'root'. Below this is a table with the following data:

Port	LineType	Status	InGain	OutGain	TieType	TieDigits	CallNum	Tcalled	Tcalling
0/ 0	FXS	Idle	0	0	none		-1	-1	-1
0/ 1	FXS	Idle	0	0	none		-1	-1	-1
0/ 2	FXS	Idle	0	0	none		-1	-1	-1
0/ 3	FXS	Idle	0	0	none		-1	-1	-1



# VoIP Interface Information

The screenshot displays the AddPac AP1000 Management System interface. The top header is blue with the AddPac Technology logo on the left and "AP1000 Management System" on the right. A left-hand navigation pane lists various system categories, with "voice" expanded to show sub-items like "port-all", "port-summary", "voip-interface", and "voip-report". The main content area shows the command base URL as "/exec/show/voip-interface" and the user ID as "root". Below this, the output of the command is displayed: "voip-interface ether0.0 preference 256 active link-up".

# VoIP Report

The screenshot displays the AddPac AP1000 Management System interface. On the left is a navigation tree with categories like 'ip-share', 'line-ctrl', 'logging', 'login', 'mgcp', 'nat-list', 'num-exp', 'route', 'router', 'running-config', 'sessions', 'service', 'sip', 'snmp', 'spanning-tree', 'static', 'system', 'tcp', 'telnet-access', 'tone', 'translation-rule', 'udp', 'user', 'utilization', 'version', 'voice', and 'upload file'. The 'voice' category is expanded, showing sub-items like 'port-all', 'port-summary', 'voip-interface', and 'voip-report'. The 'voip-report' item is selected. The main content area shows the command 'show voip-report' entered in the command base. The output of the command is: '\*\*\*\* APOS(tm) VoIP REPORT PROGRAM \*\*\*\*'. The top right of the interface shows 'AP1000 Management System' and 'User ID: root'.

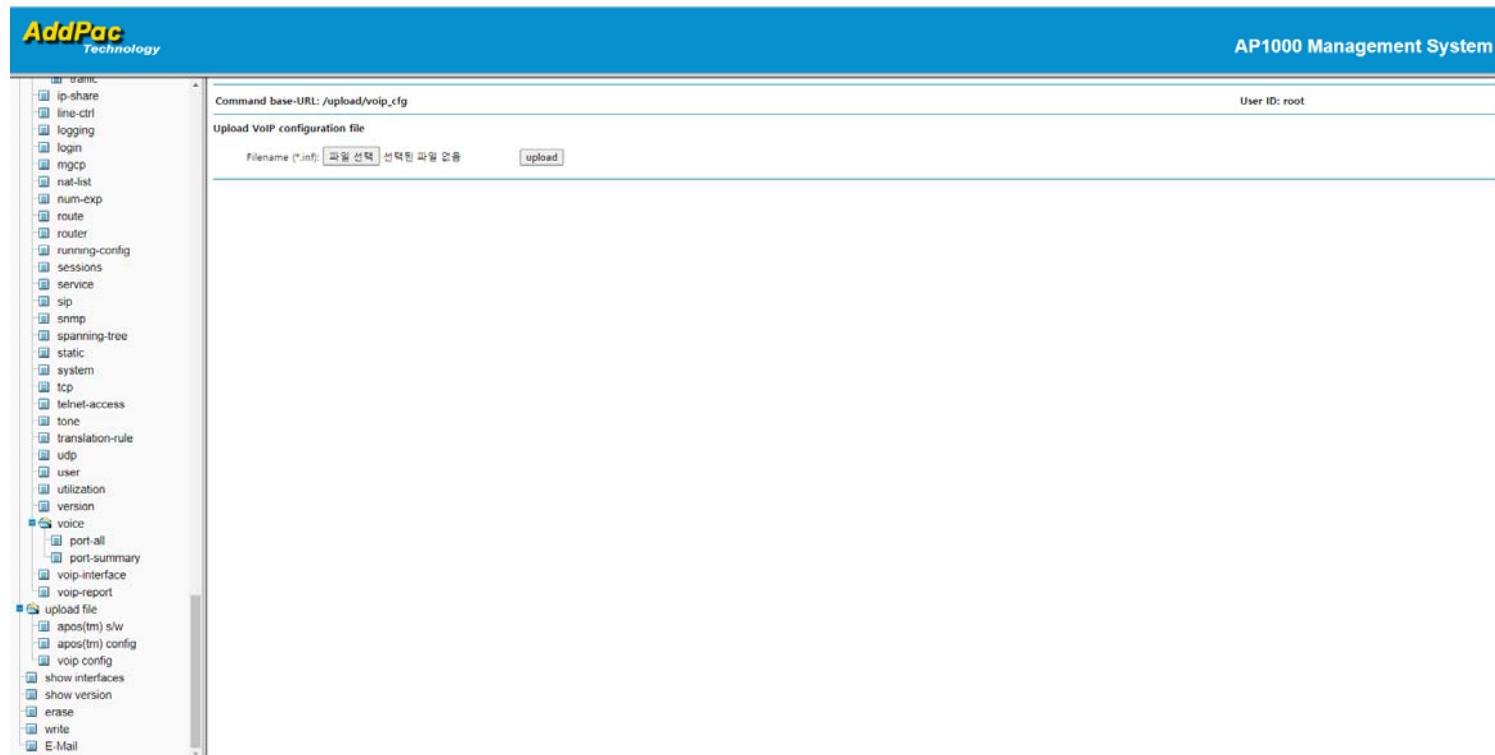
# Upload APOS Image

The screenshot displays the AddPac AP1000 Management System interface. The top header is blue with the AddPac Technology logo on the left and 'AP1000 Management System' on the right. A left-hand navigation pane lists various system categories, with 'upload file' expanded to show 'apos(tm) s/w'. The main content area is titled 'Upload APOS(tm) S/W' and shows the 'Command base-URL: /upload/apos' and 'User ID: root'. Below this, there is a 'Filename (\*.bin):' field with a file selection button, a text input field containing 'apos', and an 'upload' button.

# Upload APOS\_cfg file

The screenshot displays the AddPac AP1000 Management System interface. The top navigation bar includes the AddPac Technology logo on the left and "AP1000 Management System" on the right. Below the navigation bar, the "Command base-URL: /upload/apos\_cfg" and "User ID: root" are visible. The main content area is titled "Upload APOS(tm) configuration file" and features a "Filename (\*.cfg):" field with a file selection button and an "upload" button. On the left side, a tree view shows the system's configuration structure, with "upload file" expanded to show sub-items like "apos(tm) s/w", "apos(tm) config", and "voip config".

# Upload VoIP\_cfg file



# Interface (ethernet) Information

The screenshot displays the AddPac AP1000 Management System interface. On the left is a navigation tree with categories like ip-share, line-ctrl, logging, login, mgcp, nat-list, num-exp, route, router, running-config, sessions, service, sip, snmp, spanning-tree, static, system, tcp, telnet-access, tone, translation-rule, udp, user, utilization, version, voice, and upload file. The main area shows the output of the command 'show interfaces'. The output is as follows:

```
Command base-URL: /exec/show/interfaces User ID: root

Interface : ether0.0
IP Address : 172.17.200.21 Physical Interface : Ethernet0
Network : 172.17.0.0 Subnet Mask : 255.255.0.0
Administrator Status : UP Operation Status : UP
Network Type : Ethernet MTU : 1500
Hardware Address : 00 02 a4 03 70 e2

Ethernet0 is UP, Line protocol is UP
DoS control is disabled
Interface type is 100Base-Tx
auto-negotiation is enabled
Link status is 100 Mbps (FULL-DUPLEX)
last 1 minute data rate : tx: 1000 bps, rx: 3912 bps
9977 packets input, 694129 bytes, 0 no buffers
Received 0 runts, 0 giants
0 input errors, 0 CRC, 0 frame, 0 overrun, 0 ignored
0 input packets with dribble condition detected
410 packets output, 197971 bytes, 0 drops
0 output errors, 0 collision, 0 interface resets
0 underruns, 0 late collisions, 0 deferred
0 lost carrier, 0 no carrier

Interface : ether1.0
IP Address : no ip address Physical Interface : Ethernet1
Administrator Status : UP Operation Status : DOWN
Network Type : Ethernet MTU : 1500
Hardware Address : 00 02 a4 03 70 e3

Ethernet1 is DOWN, Line protocol is DOWN
DoS control is disabled
Interface type is 10Base-T
Link status is 10 Mbps (HALF-DUPLEX)
last 1 minute data rate : tx: 0 bps, rx: 0 bps
0 packets input, 0 bytes, 0 no buffers
Received 0 runts, 0 giants
0 input errors, 0 CRC, 0 frame, 0 overrun, 0 ignored
0 input packets with dribble condition detected
0 packets output, 0 bytes, 0 drops
0 output errors, 0 collision, 0 interface resets
0 underruns, 0 late collisions, 0 deferred
0 lost carrier, 0 no carrier
```

# Software Version Information

The screenshot displays the AddPac AP1000 Management System interface. On the left is a navigation tree with categories like 'ip-share', 'logging', 'router', and 'voice'. The main panel shows the command 'show version' executed in the command base. The output provides detailed hardware and software information for the device.

**AddPac Technology** **AP1000 Management System**

Command base-URL: /exec/show/version User ID: root

```
Voicofinder Gateway Series (AP1000)
Serial Number: AP1000-0378x2
32BIT RISC Processor With 33554432 Bytes System Memory
524288 Bytes System Flash Memory
2097152 Bytes 2nd System Flash Memory

1 RS232 Serial Console Interface
2 Ethernet/IEEE 802.3 Interface

AP1000 System software Revision 8.30H
Released at Fri Oct 29 10:06:54 2010
Program is 1921216 bytes, checksum is 0xe9411704
```

# Erase Configuration Data from Flash Memory

The screenshot displays the AddPac AP1000 Management System interface. On the left is a navigation tree with categories like 'voice' and 'upload file'. The main area shows a command prompt with the command 'erase' entered. The prompt is 'Command base URL: /exec/erase' and the user ID is 'root'. Below the command, the text 'Erase configuration data from flash memory' is displayed, followed by an 'Enter' button.



# Write Configuration Data into Flash Memory

The screenshot displays the AddPac AP1000 Management System interface. On the left is a navigation tree with categories like 'traffic', 'ip-share', 'line-ctrl', 'logging', 'login', 'mgcp', 'nat-list', 'num-exp', 'route', 'router', 'running-config', 'sessions', 'service', 'sip', 'snmp', 'spanning-tree', 'static', 'system', 'tcp', 'telnet-access', 'tone', 'translation-rule', 'udp', 'user', 'utilization', 'version', 'voice', and 'upload file'. The 'write' option is selected in the tree. The main content area shows the command base-URL as '/exec/write' and the user ID as 'root'. Below this, the instruction 'Write configuration data into flash memory' is displayed, followed by an 'Enter' button.

# VoIP Gateway Series

# Thank you!

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