

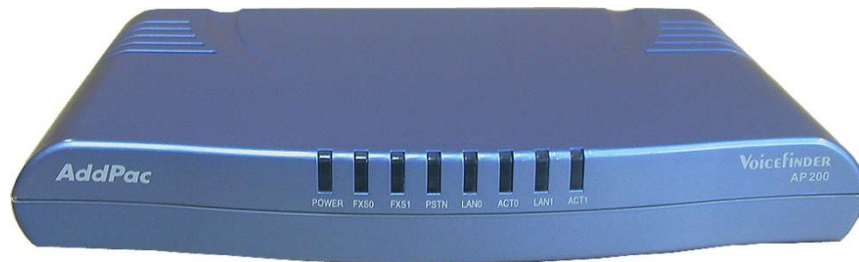


AP200B

2 Port FXS VoIP Gateway

High Performance VoIP Gateway Solution

Smart Web Manager Overview



AddPac

AddPac Technology

Sales and Marketing

www.addpac.com

Contents

- Home
- Configure
- Show




Home

AddPac
Technology

AP200B Management System

HOME

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 - ftp-access
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 - tech-prefix
 - register
 - unregister
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 - interface



Network Frontier **AddPac Technology Co., Ltd.**
<http://www.addpac.com>

Please send e-mail to sales@addpac.com

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23F, Jeong-Am Bldg., 769-12, Yeoksam-dong, Kangnam-gu, Seoul Korea TEL: +82-2-568-3848, FAX: +82-2-568-3847



Configure

Access List

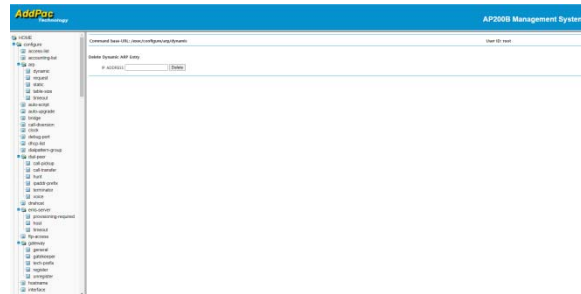
The screenshot shows the AddPac AP200B Management System interface. On the left is a navigation tree with categories like 'configure', 'arp', 'dial-peer', and 'gateway'. The main content area is titled 'Change access list entry' and contains two sections: 'Standard access list' and 'Extended access list'. Each section has a 'Currently used list' label and a 'Configure the list' link with an 'Edit' button. The command base URL is '/exec/configure/access-list' and the user ID is 'root'.

Account List

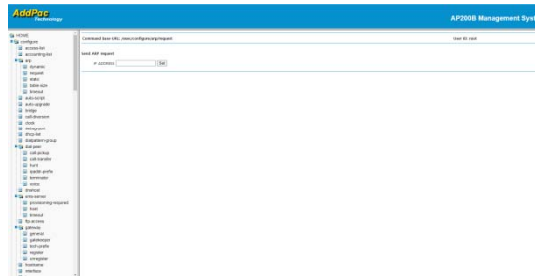
The screenshot shows the AddPac Management System interface. The top navigation bar includes the AddPac Technology logo on the left and 'AP200B Management System' on the right. Below the navigation bar, the page title is 'Accounting List'. The left sidebar contains a tree view of the configuration menu, with 'accounting-list' selected. The main content area displays the 'Change accounting list entry' form. At the top of this area, it shows the 'Command base URL: /exec/configure/accounting-list' and the 'User ID: root'. The form itself consists of a table with four columns: 'List number(0-9)', 'Threshold(2-512)', 'Access list(0-59)', and 'Action'. Each of the first three columns contains an empty text input field, and the 'Action' column contains an 'Add' button.

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

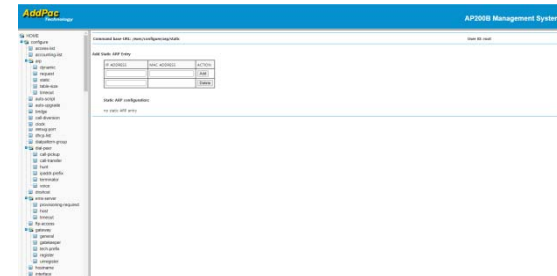
ARP



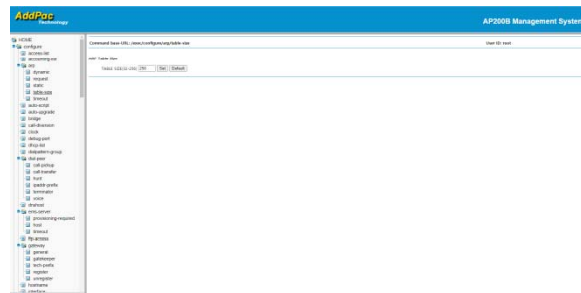
ARP Dynamic



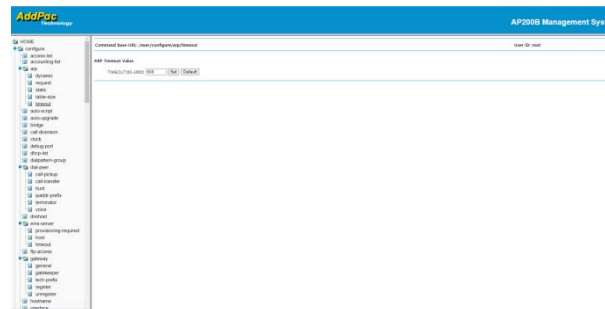
ARP Request



ARP Static

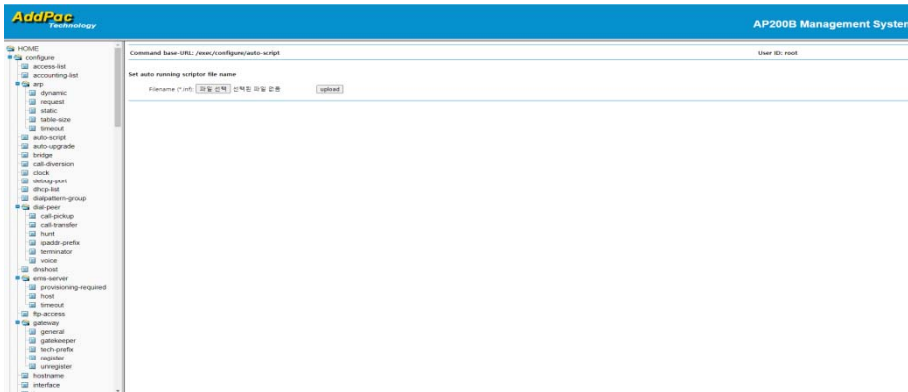


ARP Table Size

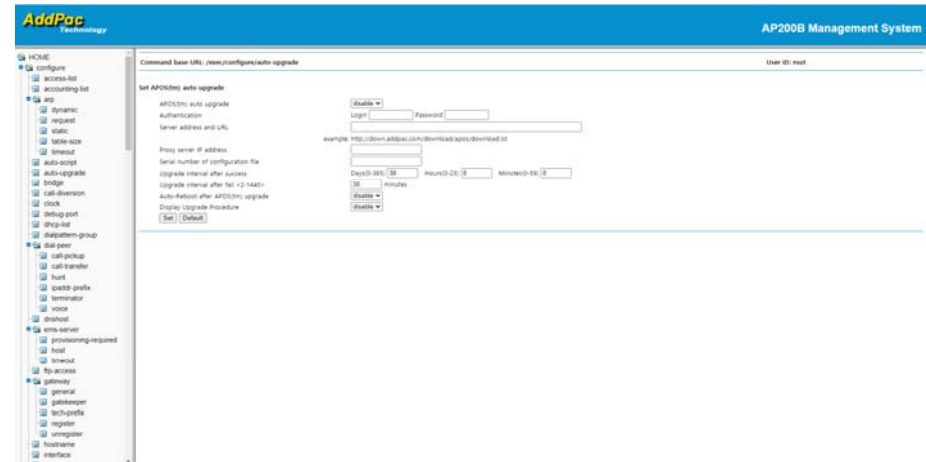


ARP Time Out

Auto Upgrade



Auto Script



Auto Upgrade

Bridge

The screenshot shows the AddPac Technology AP200B Management System interface. The left sidebar contains a tree view of configuration categories, with 'bridge' selected. The main content area displays the 'Set bridge Parameters' configuration page. The command base URL is '/exec/configure/bridge' and the user ID is 'root'. The configuration parameters are as follows:

Parameter	Value
Entry's aging time (9030864-9030880)	9030912
Forwarding delay time (9030864-9030880)	9030912
Hello time interval(9030864-9030880)	9030912
Hello BPDU's maximum aging time (9030864-9030880)	9030912
Bridge priority (9030864-9030880)	9030912
Spanning tree protocol	disable

Buttons for 'Set' and 'Default' are located at the bottom of the configuration area.

Call Diversion

The screenshot displays the AddPac AP200B Management System interface. The top navigation bar includes the AddPac Technology logo on the left and "AP200B Management System" on the right. Below the navigation bar, a left-hand sidebar contains a tree view of configuration categories, with "call-diversion" selected. 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". The primary configuration element is a table with the following structure:

Tag	Type	Destination IP	Action
<input type="text"/>	Call on Busy	<input type="text"/>	Add/Modify

Clock

The screenshot displays the AddPac AP200B Management System interface. The top navigation bar includes the AddPac Technology logo on the left and 'AP200B Management System' on the right. A left-hand sidebar contains a tree view of configuration categories, with 'clock' selected under the 'arp' category. The main content area shows the 'Configure clock' page, which includes the command base URL '/exec/configure/clock' and the user ID 'root'. The configuration is presented in a table with columns for YEAR, MONTH, DAY, HOUR, MINUTE, SECOND, and Action. The current values are 2019, 1, 4, 3, 58, and 21, with a 'Set' button to the right of the table.

YEAR	MONTH	DAY	HOUR	MINUTE	SECOND	Action
2019	1	4	3	58	21	Set

Debug Port

The screenshot displays the AddPac AP200B Management System web interface. The top navigation bar includes the AddPac Technology logo on the left and the text "AP200B Management System" on the right. Below the navigation bar, the interface is divided into two main sections. On the left is a tree-view menu with a "HOME" icon at the top. The menu items are organized into folders: "configure" (containing access-list, accounting-list, and arp), "dynamic" (containing request, static, table-size, and timeout), "auto-script", "auto-upgrade", "bridge", "call-diversion", "clock", "debug-port", "dhcp-list", "dialpattern-group", "dial-peer" (containing call-pickup, call-transfer, hunt, ipaddr-prefix, terminator, and voice), "dnshost", "email-server" (containing provisioning-required, host, and timeout), "ftp-access", and "gateway" (containing general, gatekeeper, tech-prefix, register, and unregister). Other items include hostname and interface. On the right side of the interface, there is a command execution area. It shows the command base-URI as "/wee/configure/debug-port" and the user ID as "root". Below this, a message states: "This command is not supported for the WEB".

DHCP List

AddPac
Technology

AP200B 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/dhcp-list

User ID: root

Configure DHCP list entry

DHCP list number (0-1)

DHCP type

DHCP Address

Free area start-ip address end-ip address

Free host address

Relay ip address

Server address pool start-ip address end-ip address network mask

DHCP Options

Encapsulation of ethernet

MTU size

ARP cache timeout seconds

Default TTL value (1-255)

Lease time seconds

Max lease time seconds

Domain name

DNS server ip address

Name-server ip address

NTP server ip address

POP3 server ip address

Router's ip address

SMTP server ip address

Time server ip address

WWW server ip address

Static route destination-ip router's-ip

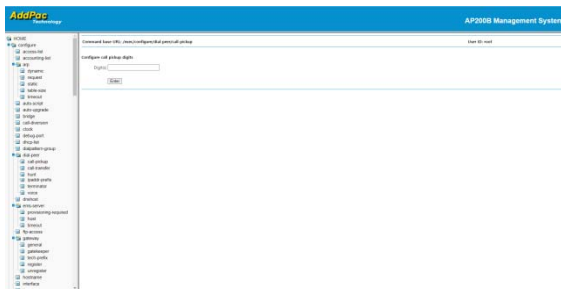
Dial Pattern Group

The screenshot displays the AddPac AP200B Management System interface. On the left is a navigation tree with categories like 'configure', 'arp', 'dial-peer', and 'gateway'. The main content area is titled 'Configure dial pattern group' and shows a table with the following structure:

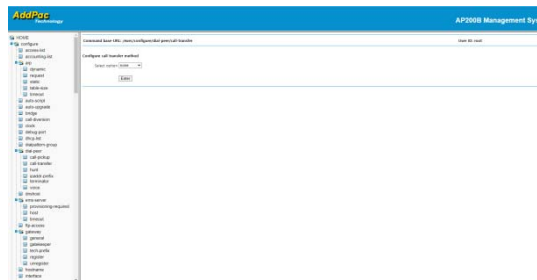
Pattern Group Tag	Pattern Tag	Pattern	Action
<input type="text"/>	<input type="text"/>	<input type="text"/>	[Add/Modify]

At the top of the interface, the command base URL is '/exec/configure/dialpattern-group' and the user ID is 'root'.

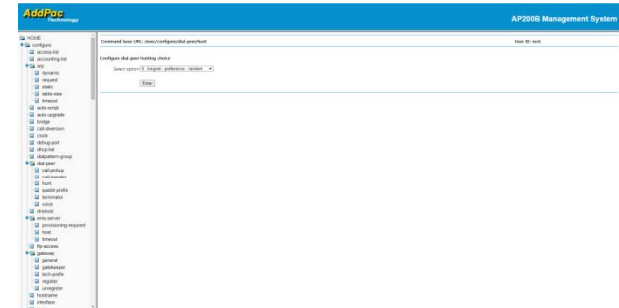
Dial Peer



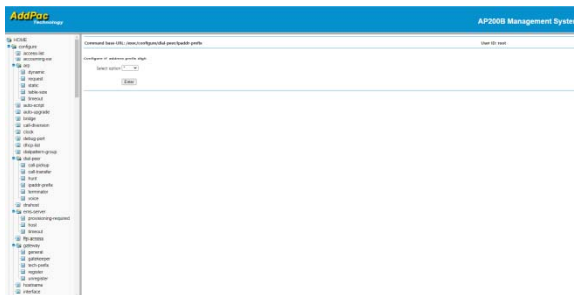
Call Pickup Digits



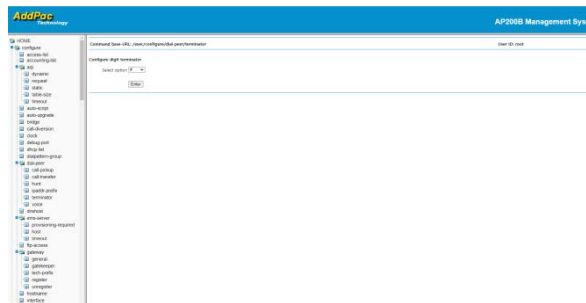
Call Transfer Method



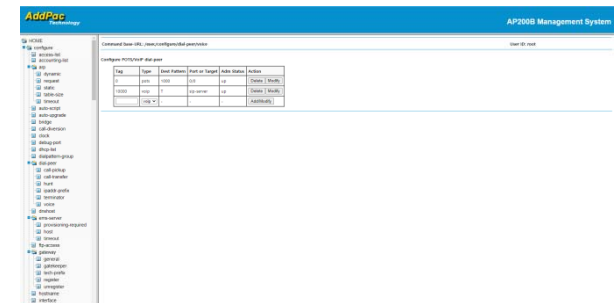
Hunting Choice Method



IP Address Prefix Digit



Digit Terminator



POTS/VoIP

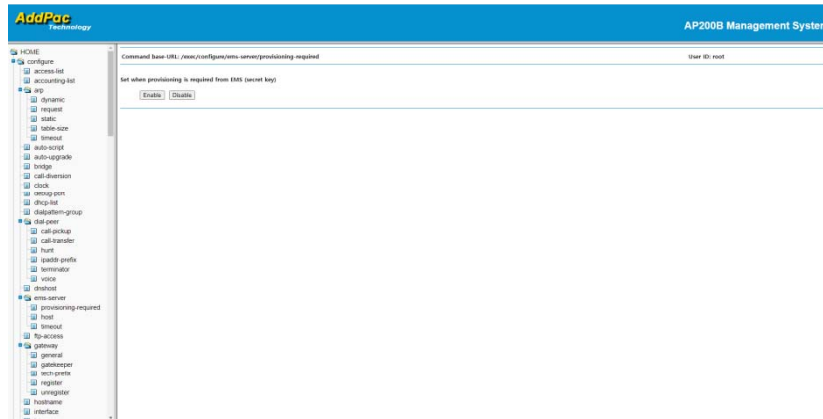
DNS

The screenshot shows the AddPac AP200B Management System interface. The top navigation bar includes the AddPac Technology logo on the left and 'AP200B Management System' on the right. Below the navigation bar, the page is titled 'Set DNS host information' and shows the command base URL as '/exec/configure/dnshost' and the user ID as 'root'. On the left side, there is a tree view of the configuration menu with 'dnshost' selected. The main content area contains the following configuration fields:

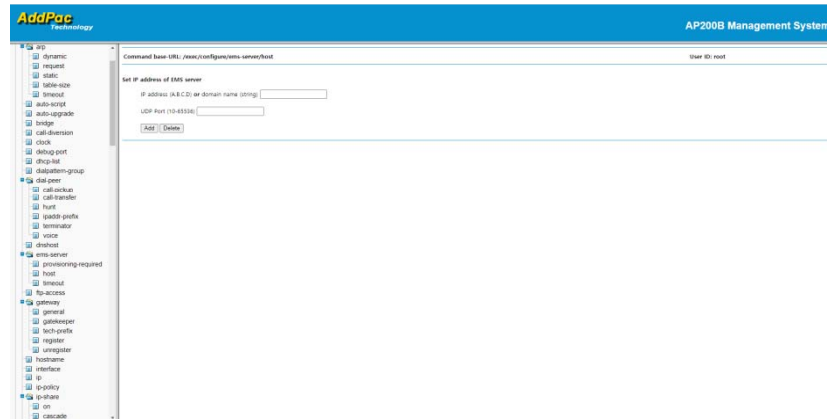
- DNS domain name:
- Cache timeout (60-3600): seconds
- Name server address:

At the bottom of the configuration fields, there are two buttons: 'Set' and 'Clear'.

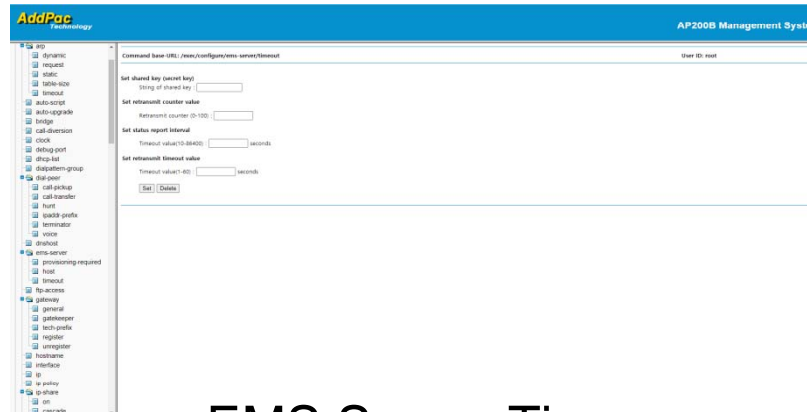
Provision From EMS



Provision Enable



EMS Server IP address

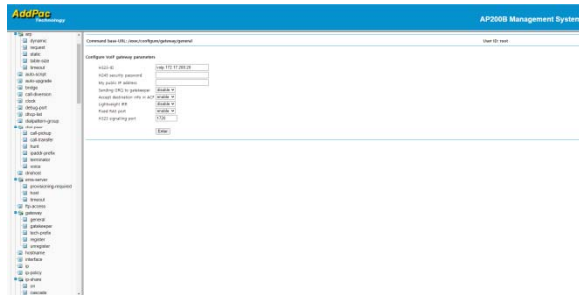


EMS Server Time Out, etc
www.addpac.com

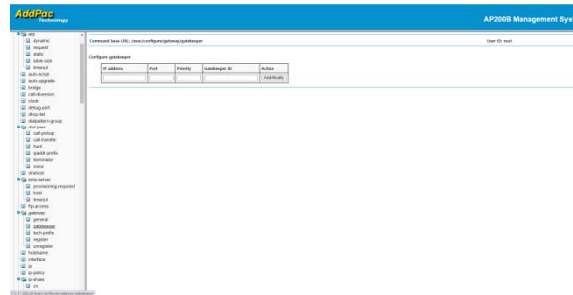
FTP Access Control

The screenshot displays the AddPac AP200B Management System interface. The top navigation bar includes the AddPac Technology logo on the left and "AP200B Management System" on the right. A left-hand sidebar contains a tree view of configuration categories, with "ftp-access" selected. The main content area shows the configuration page for "ftp-access", with the command base URL "/exec/configure/ftp-access" and the user ID "root". The page is titled "Set local ftp access control" and features three input fields: "Source IP address (A.B.C.D)", "Source network mask (A.B.C.D)", and "IP address of ftp host". Each input field is accompanied by "Add" and "Delete" buttons.

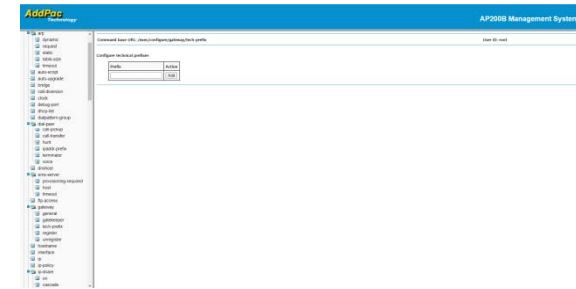
H.323 Protocol



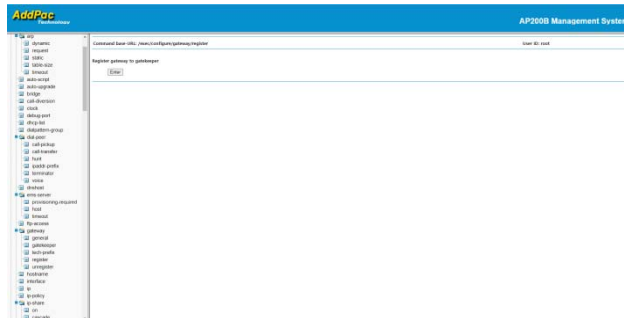
H.323 Parameters



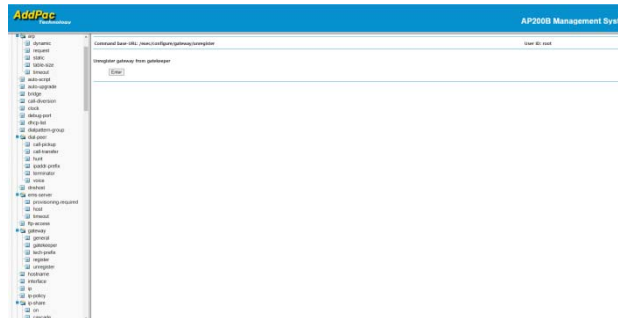
GateKeeper



Technical Prefix



Register to GK



Unregister from GK

Hostname

The screenshot displays the AddPac AP200B Management System interface. The top navigation bar includes the AddPac Technology logo on the left and the text 'AP200B Management System' on the right. A left-hand sidebar contains a tree view of configuration categories, with 'hostname' selected. 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 the 'User ID: root'. The configuration itself consists of a single field labeled 'Host Name' with the value 'AP200' entered. To the right of this field are two buttons: 'Set' and 'Default'.

Interface

The screenshot displays the AddPac AP200B Management System interface. On the left is a tree view of configuration categories, including 'interface'. The main content area shows the 'Command base-URL: /exec/configure/interface' and 'User ID: root'. Below this is a 'Select an interface' section with a table:

Select	Type	Number	Description
<input type="radio"/>	ethernet	0 [] [0-2]	IEEE 802.3 interface
<input type="radio"/>	loopback	1 [] [1-2]	Loopback interface
<input checked="" type="radio"/>	null	0 [] [0-2]	Null interface

Below the table are 'Enter' and 'Clear' buttons.

IP routing

The screenshot shows the AddPac AP200B Management System interface. On the left is a tree view of configuration categories, including ipadaptor-premises, terminator, voice, dnshost, ems-server, gateway, ip-share, logging, and mgcp. The main area displays the configuration for the 'ip' category. 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 settings: CIDR(Classless InterDomain Routing) is disabled with an 'Enable' button; IP routing is enabled with a 'Disable' button; and IP routing-cache is disabled with an 'Enable' button.

AddPac
Technology

AP200B Management System

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

Set IP Routing Mode

CIDR(Classless InterDomain Routing) :	disabled	<input type="button" value="Enable"/>
IP routing :	enabled	<input type="button" value="Disable"/>
IP routing-cache :	disabled	<input type="button" value="Enable"/>

IP Policy Rules

The screenshot displays the AddPac Management System interface for configuring IP Policy Rules. The top navigation bar includes the AddPac Technology logo and the text "AP200B Management System". Below the navigation bar, the command base URL is "/exec/configure/ip-policy" and the user ID is "root".

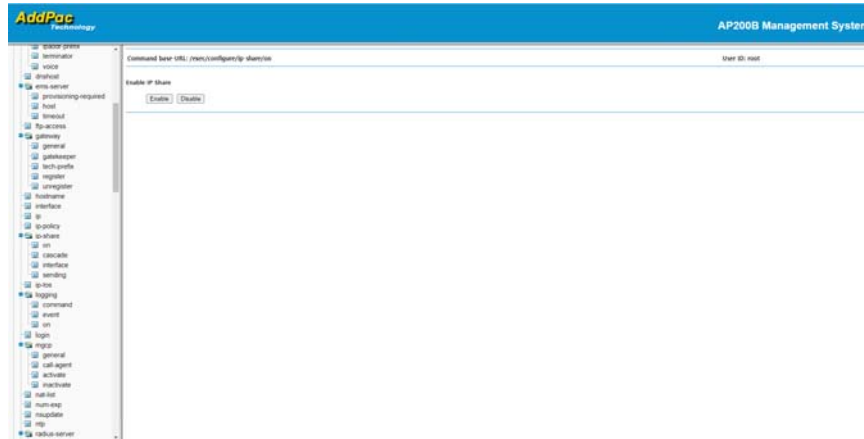
The main content area is titled "Set IP policy rules" and features a table for defining policy rules. The table has four columns: "type", "SRC (A.B.C.D)", "DST (A.B.C.D)", and "next hop (A.B.C.D)".

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="radio"/> any	
	<input type="radio"/> host <input type="text"/>	<input type="radio"/> host <input type="text"/>	

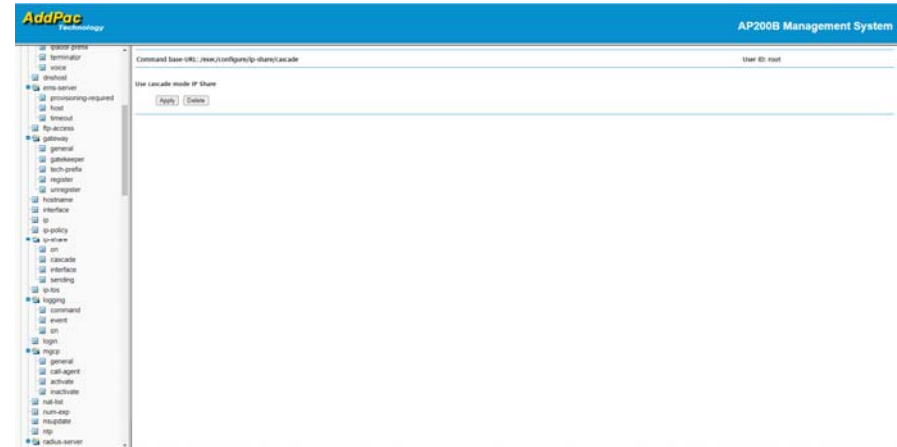
Below the table are "Add" and "Delete" buttons.

The left sidebar shows a tree view of the system configuration, with "ip-policy" selected under the "ip" category. The status bar at the bottom left shows the path "172.17.208.20/exec/configure/ip-policy".

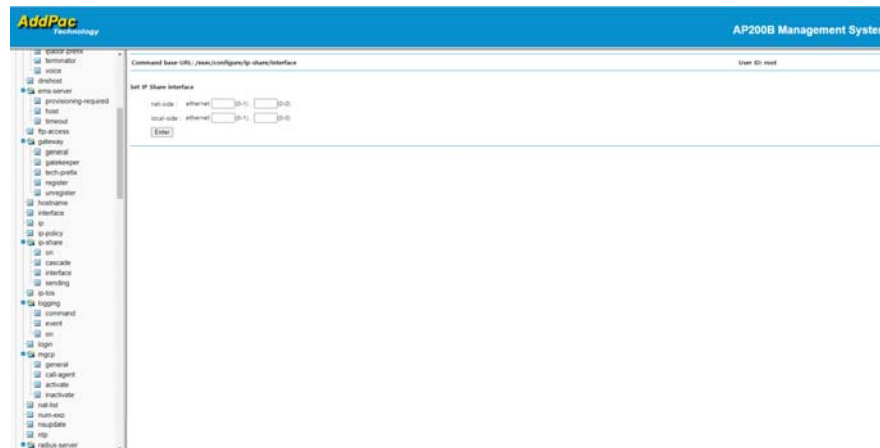
IP Share



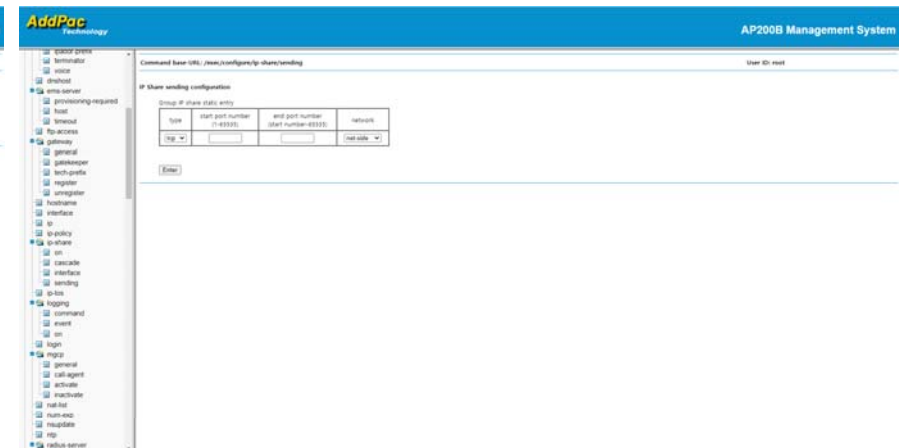
Enable IP Share



Cascade IP Share Mode



IP Share Interface



IP Share Sending

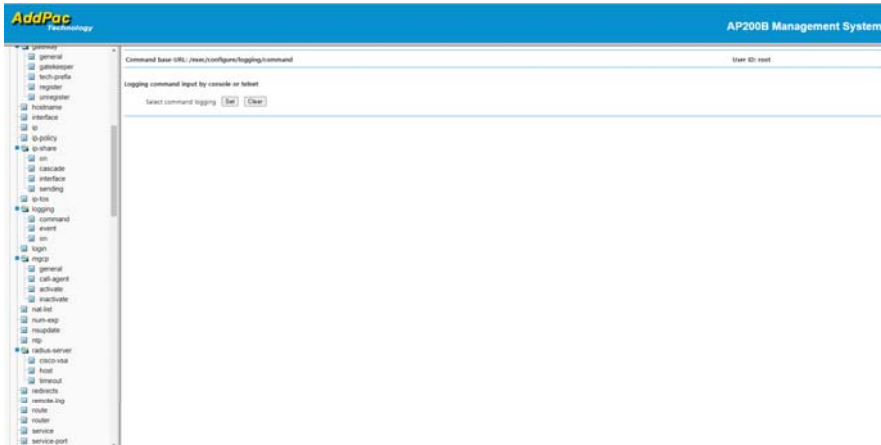
IP tos

The screenshot shows the AddPac AP200B Management System interface. On the left is a tree view of configuration categories, with 'ip-tos' selected. The main area displays the configuration for 'Forward data packets to/from local interface'. At the top, it shows 'Command base-URL: /exec/configure/ip-tos' and 'User ID: root'. Below this is a table with columns for Command, Description, and Action. The table lists various configuration options like 'default', 'forward', 'rtp', 'sig', 'delay', 'throughput', 'reliability', 'precedence', and 'value'. The 'precedence' and 'value' rows have input fields. A 'Set' button is located at the bottom of the table.

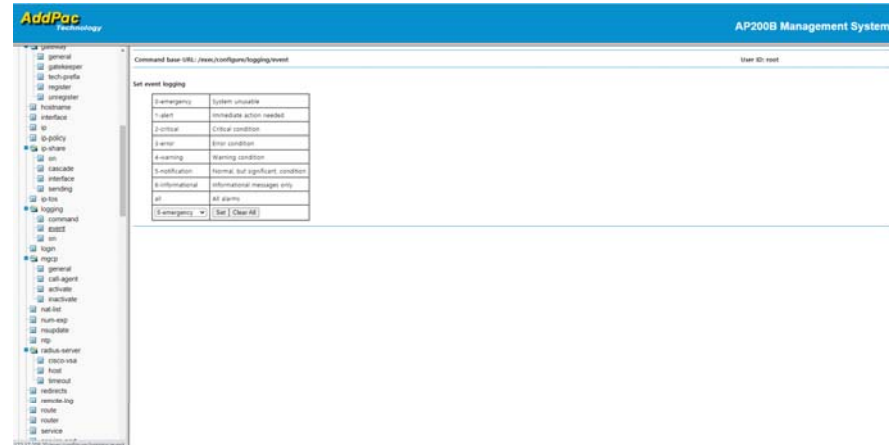
Command	Description	Action
default	normal data packets of gateway	<input type="radio"/>
forward	forward data packets to/from local interface	<input type="radio"/>
rtp	UDP/RTP data packet of gateway	<input type="radio"/>
sig	H.323/SIP signalling packet of gateway	<input type="radio"/>
delay	row delay	<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"/>

Set

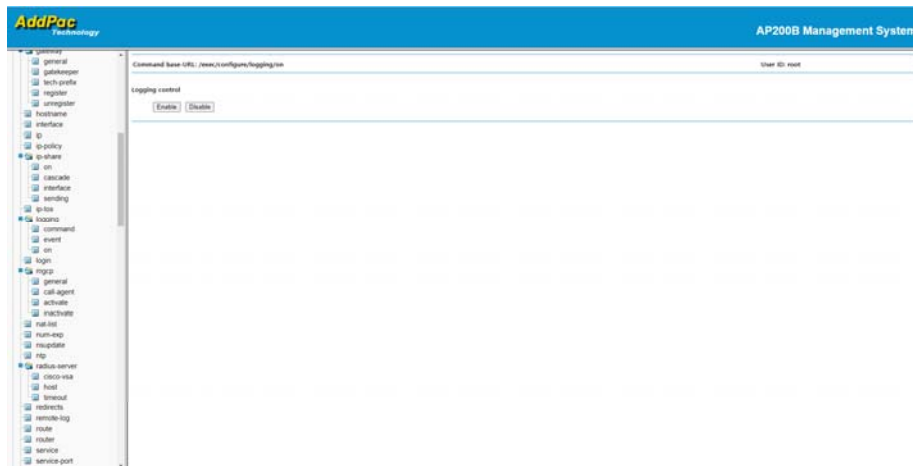
Logging



Logging Command



Logging Event Level



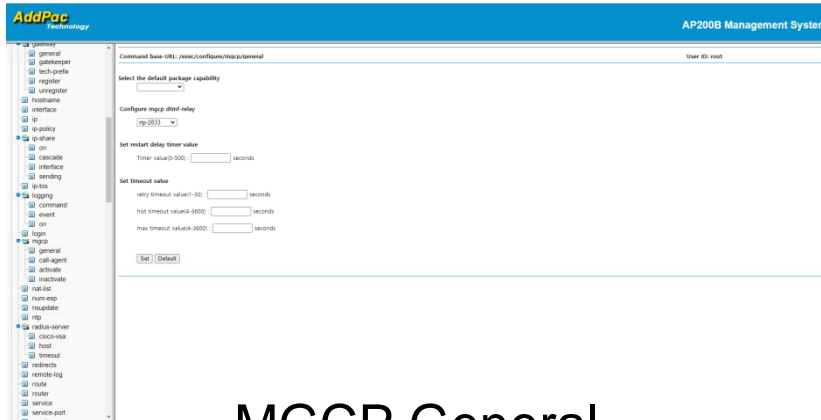
Logging Control

Login

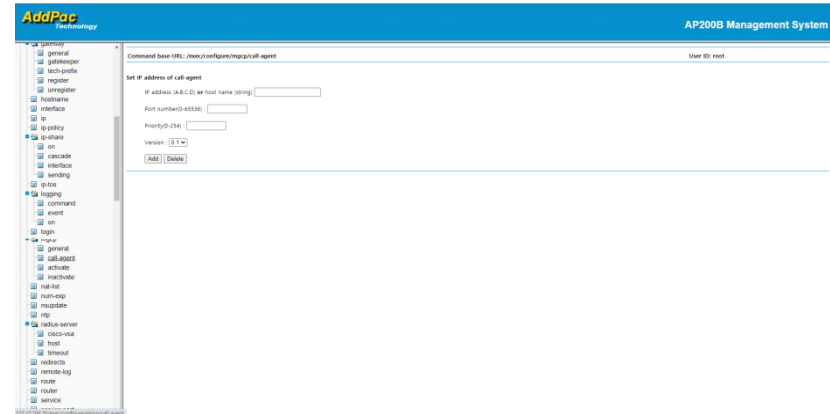
The screenshot shows the AddPac AP200B Management System interface. On the left is a tree view of configuration categories, including gateway, ip-share, logging, and radius-server. The main area is titled 'Set login lock parameters' and contains the following fields:

- Command base URL: /exec/configure/login
- User ID: root
- Section: Set login lock parameters
- Lock fail counter (0-32): * 0 is forever
- Lock time (HH : MM) : * HH : 00-72, MM : 00-59
- Set button

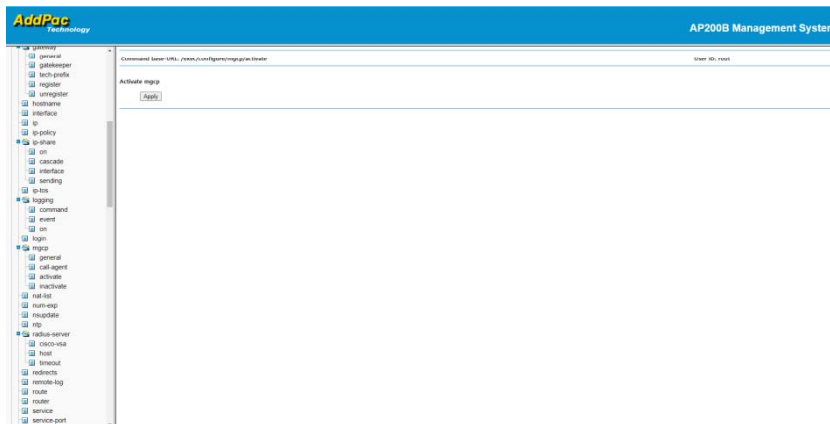
MGCP Protocol



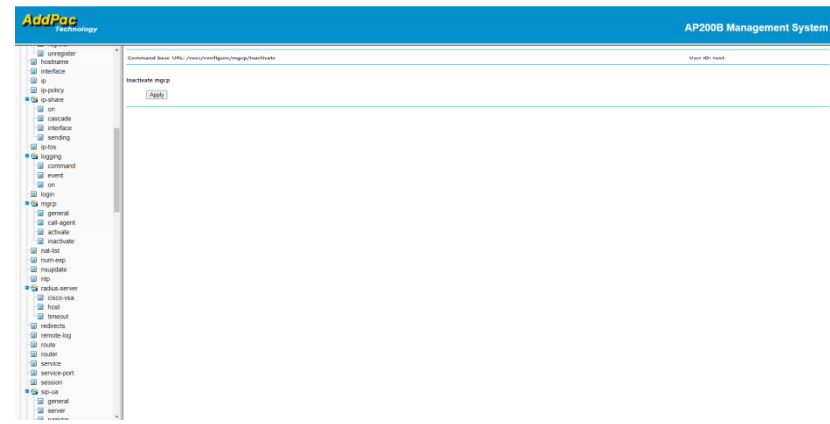
MGCP General



MGCP Call Agent



Activate MGCP



Inactivate MGCP

NAT List

The screenshot shows the AddPac AP200B Management System interface. On the left is a navigation tree with categories like 'ip-policy', 'ip-share', 'logging', 'mgcp', and 'radius-server'. The main area is titled 'Configure NAT(Network Address Translation) list' and shows configuration options for a NAT list (ID-1). It 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)'. Below these are sections for 'PAT(Port Address Translation)' with 'PAT address' and 'Timeout(1-65535)' (ICMP, TCP, FIN, SYN, UDP). There are also 'Single static entry' and 'Group static entry' sections with dropdown menus for protocol (icmp, tcp) and checkboxes for 'Local-IP'. An 'Add' button is at the bottom of the configuration area.

Number Expansion

The screenshot displays the AddPac AP200B Management System interface. The top navigation bar includes the AddPac Technology logo on the left and 'AP200B Management System' on the right. A left-hand sidebar contains a tree view of configuration categories, with 'num-exp' selected. The main content area shows the configuration page for 'num-exp', with the command base URL '/exec/configure/num-exp' and 'User ID: root' displayed. The page title is 'Configure number expansion'. Below the title is 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"/>	<input type="button" value="Add/Modify"/>

DNS Update

The screenshot displays the AddPac AP200B Management System interface. The top navigation bar includes the AddPac Technology logo on the left and "AP200B Management System" on the right. Below the navigation bar, a sidebar on the left contains a tree view of system configuration categories, including "ip-share", "logging", "mgcp", "nat-list", "radius.server", and "sip-ua". The main content area is titled "Configure DNS update" and shows the command base-URL as "/exec/configure/nsupdate" and the user ID as "root". A table lists the current DNS update configuration:

domain name	interval	nameserver	retry counter	ttd
www.addpac.com	(1-60)minutes	A,B,C,D	(1-120)	(5-1440)minutes
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

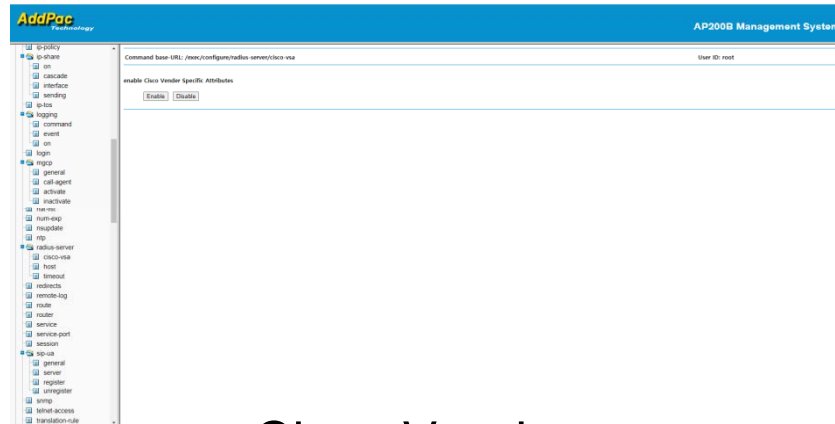
Below the table, a note states: "* retry counter : '0' is forever". At the bottom of the configuration area, there are "Set" and "delete" buttons.

NTP (Network Time Protocol)

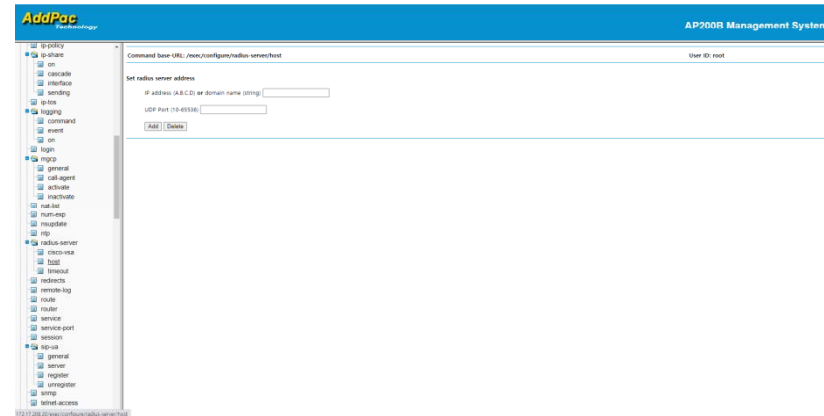
The screenshot displays the AddPac AP200B Management System interface. The top navigation bar includes the AddPac Technology logo on the left and "AP200B Management System" on the right. A left-hand sidebar contains a tree view of configuration categories, with "ntp" under the "radius-server" group selected. The main content area shows the "Configure NTP (Network Time Protocol)" page. At the top of this page, it indicates the "Command base-URL: /exec/configure/ntp" and the "User ID: root". The configuration form includes the following fields and controls:

- Time Zone Offset: (-)HHMM:
- Refresh Time: (5-2880): minutes
- NTP version: (dropdown menu)
- NTP server address:
- Buttons:

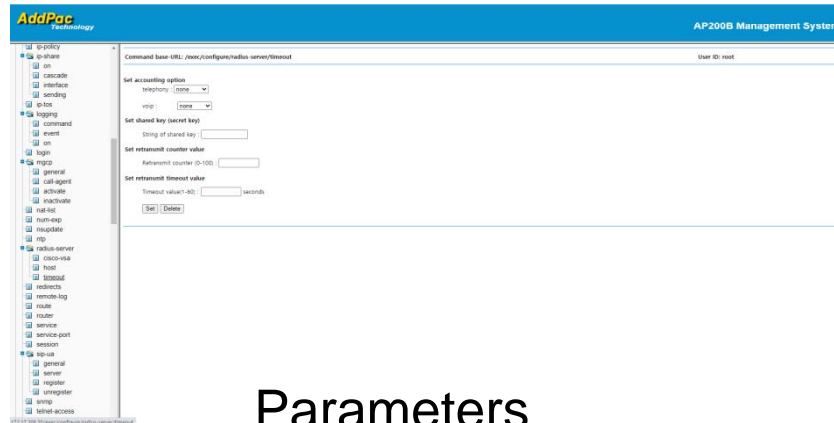
Radius



Cisco Vendor Specific Attribute



Radius Server IP



Parameters

ICMP Redirect

The screenshot shows the AddPac AP200B Management System interface. On the left is a tree view of configuration categories, including ip-policy, ip-share, ip-tos, logging, mgcp, nat-list, radius-server, and sip-ua. The 'ip-share' category is expanded, showing sub-items like on, cascade, interface, and sending. The 'ip-tos' category is also expanded, showing sub-items like command, event, on, and login. The 'mgcp' category is expanded, showing sub-items like general, call-agent, activate, and inactivate. The 'nat-list' category is expanded, showing sub-items like num-exp and nupdate. The 'radius-server' category is expanded, showing sub-items like cisco-vsa, host, timeout, redirects, remote-log, route, router, service, service-port, and session. The 'sip-ua' category is expanded, showing sub-items like general, server, register, unregister, and snmp. The 'telnet-access' category is also visible. The main content area displays the configuration for 'Control the ICMP redirect messages'. The 'Sending ICMP Redirect messages' option is currently set to 'disabled' with an 'Enable' button next to it. The command base URL is '/exec/configure/redirects' and the user ID is 'root'.

AddPac
Technology

AP200B Management System

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

Control the ICMP redirect messages

Sending ICMP Redirect messages: disabled

172.17.208.20/exec/configure/redirects

Remote Syslog for Logging

The screenshot displays the AddPac AP200B Management System interface. On the left is a navigation tree with categories like 'ip-policy', 'ip-share', 'logging', 'mgcp', 'radius-server', and 'sip-us'. The main area shows the configuration for 'remote-log' with the command base-URL: /exec/configure/remote-log and User ID: root. Below this is a table for configuring remote syslog for logging.

interval	primary-server	secondary-server
(3-14400)minutes	(A.B.C.D)	(A.B.C.D)
<input type="text"/>	<input type="text"/>	<input type="text"/>

Below the table is an 'Apply' button.

Static Route

The screenshot displays the AddPac Management System interface for configuring static routes. The top navigation bar includes the AddPac Technology logo and the text "AP200B Management System". On the left, a tree view shows the configuration hierarchy, with "route" selected under the "ip-policy" section. The main content area is titled "Command base-URL: /exec/configure/route" and "User ID: root".

Establish static routes

Destination IP address:

Destination IP mask:

Forwarding IP address: or Interface:

Preference Value(1-255): (*)

(*) is optional field

Static routing configuration:

```
route 0.0.0.0 0.0.0.0 172.17.1.1
```

Routing Process

The screenshot displays the AddPac AP200B Management System interface. On the left is a tree view of configuration categories, including 'ip-policy', 'ip-share', 'logging', 'mgcp', 'radius-server', and 'sip-ua'. The main content area shows the configuration page for 'router', with the command base URL '/exec/configure/router' and the user ID 'root'. The page title is 'Enable a Routing Process'. Below this title is a table with the following data:

Protocol	Description	Status	Action
static	Static routes	enabled	Disable
preference	Set preference value for routing protocols		

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

The screenshot displays the AddPac AP200B Management System interface. On the left is a navigation tree with categories like 'call-agent', 'nat-list', 'radius-server', and 'voice'. The main content area shows the 'Modify use of network based services' configuration page. At the top, it indicates 'Command base-URL: /exec/configure/service' and 'User ID: root'. Below this is a table with the following data:

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 Management System interface. The top navigation bar includes the AddPac Technology logo on the left and 'AP200B Management System' on the right. Below the navigation bar, the left sidebar contains a tree view of configuration categories, with 'service.port' selected. The main content area shows the configuration page for 'service.port', with the command base-URL set to '/exec/configure/service-port' and the user ID as 'root'. The page title is 'Modify use of network based services ports'. A table lists the services and their default port numbers, with input fields for modification:

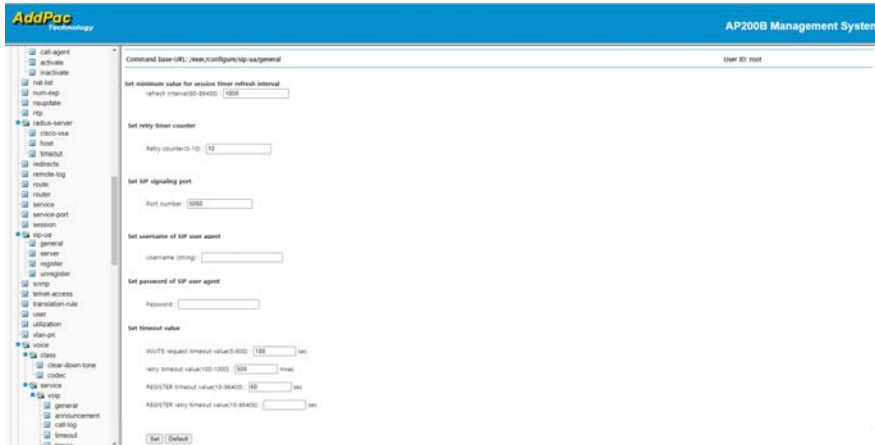
Service	Description	Port number
ftpd	FTP Server Port (1-65535)	<input type="text"/>
httpd	HTTP Server Port (1-65535)	<input type="text"/>
snmpd	SNMP Server Port (1-65535)	<input type="text"/>
telnetd	TELNET Server Port (1-65535)	<input type="text"/>
tftpd	TFTP Server Port (1-65535)	<input type="text"/>

A 'Set' button is located below the table.

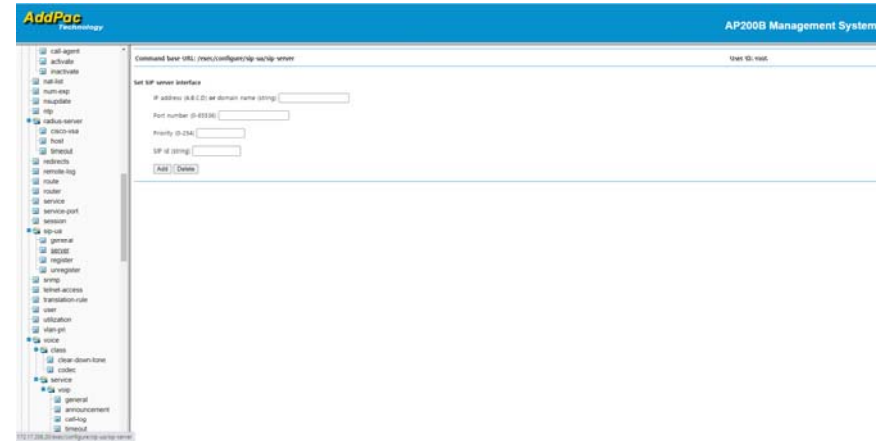
Telnet Session

The screenshot displays the AddPac Management System interface. The top navigation bar includes the AddPac Technology logo on the left and "AP200B Management System" on the right. A left-hand sidebar contains a tree view of configuration categories, with "session" selected. The main content area shows the configuration for "telnet-access". At the top, it displays "Command base-URL: /exec/configure/session" and "User ID: root". Below this, a section titled "Set the number of telnet sessions" contains a form with a label "Max Sessions(1-10)", a text input field containing the value "5", and two buttons labeled "Set" and "Default".

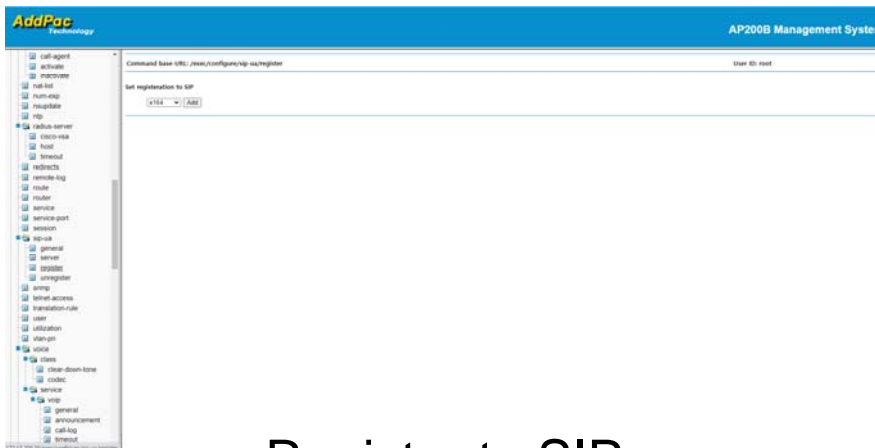
SIP Protocol



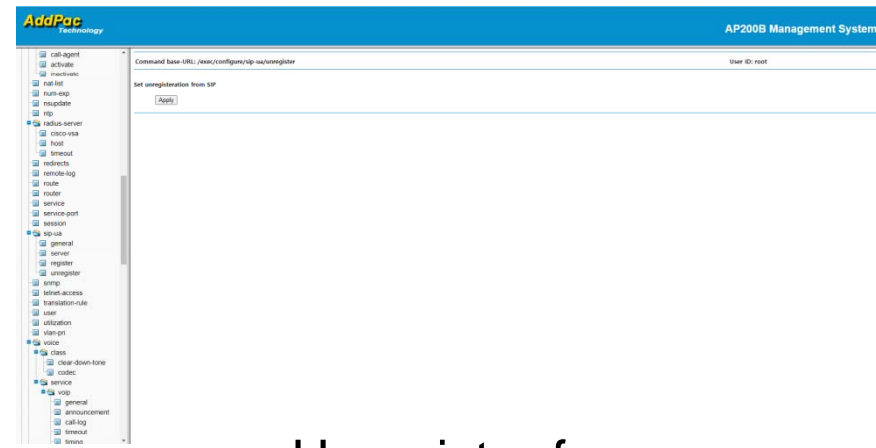
General Parameters



SIP Server Interface



Register to SIP Server



Unregister from SIP Server

SNMP

The screenshot displays the AddPac Management System interface for configuring SNMP. The top navigation bar includes the AddPac Technology logo and the title "AP200B Management System". The left sidebar shows a tree view of configuration categories, with "snmp" selected under the "voice" category. The main content area is titled "Set SNMP community/configuration information" and includes the following sections:

- Set community informations:** Fields for "IP address of SNMP manager host" (with a "or 0.0.0.0" note), "Community string", and "Attribute of community string" (set to "read only"). Includes "Add" and "Delete" buttons.
- Text for mib object sysContact:** Field for "Identification text". Includes "Add" and "Delete" buttons.
- Specify hosts to receive SNMP TRAPS:** Fields for "IP address of SNMP TRAP host", "TRAP community string", and "Version" (set to "v1"). Includes "Add" and "Delete" buttons.
- Text for mib object sysLocation:** Field for "Physical location". Includes "Add" and "Delete" buttons.
- Text for mib object sysName:** Field for "Name of managed node". Includes "Add" and "Delete" buttons.
- Send TRAP messages on receipt of incorrect community string:** Includes "Enable" and "Disable" buttons.

At the top of the main content area, it shows "Command base-URL: /exec/configure/snmp" and "User ID: root".

Telnet Access Control

The screenshot displays the AddPac AP200B Management System interface. On the left is a tree view of configuration categories, including call-agent, nat-list, radius-server, and voice. The main area is titled 'Set local telnet access control' and contains the following fields and buttons:

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

At the bottom left of the interface, the URL `172.17.208.30/exec/configure/telnet-access` is visible.

Number Translation Rules

The screenshot displays the AddPac AP200B 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'. At the top of this area, it shows 'Command base-URL: /exec/configure/translation-rule' and 'User ID: root'. Below this is 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"/>

System User Information

The screenshot displays the AddPac AP200B Management System interface. The top navigation bar includes the AddPac Technology logo on the left and 'AP200B Management System' on the right. A left-hand sidebar contains a tree view of system configuration categories, with 'voice' and 'voip' expanded. The main content area is titled 'Command base-URL: /exec/configure/user' and 'User ID: root'. Below this, the 'Change system user informations' section contains several configuration tables:

- Add User:** A table with columns 'Log-in Name', 'Password', 'Level', and 'Action'. The 'Level' dropdown is set to 'admin'.
- Change User:** A table with columns 'Log-in Name', 'Old Password', 'New Password', and 'Action'.
- Change User Level:** A table with columns 'Log-in Name', 'Password', 'Level', and 'Action'. The 'Level' dropdown is set to 'admin'.
- Set Timeout (0 is forever):** A table with columns 'Log-in Name', 'Timeout(seconds)', and 'Action'.
- Delete User:** A table with columns 'Log-in Name', 'Password', and 'Action'.

System Resource Utilization

The screenshot displays the AddPac AP200B Management System interface. On the left is a tree view of the configuration hierarchy, including sections like 'radius-server', 'router', 'service', 'voice', and 'voip'. The main area shows the configuration for 'System resource using informations' under the command base URL '/exec/configure/utilization'. The user ID is 'root'.

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

System resource using informations

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

(*) is optional field

VLAN Priority

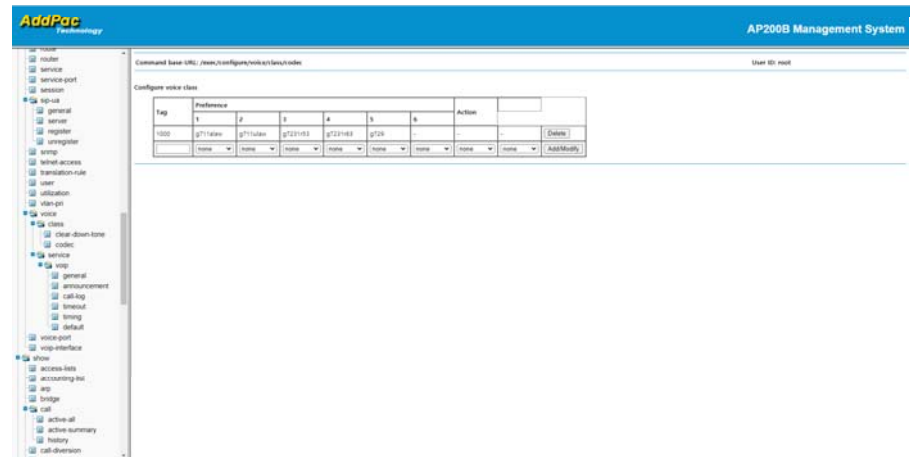
The screenshot shows the AddPac Technology AP200B Management System interface. The left sidebar contains a tree view of configuration categories, with 'vlan-pri' selected. The main content area displays the configuration page for 'Set VLAN priority field'. At the top, it shows the command base URL as '/exec/configure/vlan-pri' and the user ID as '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 the input fields.

Command base-URL: /exec/configure/vlan-pri User ID: root

Set VLAN priority field

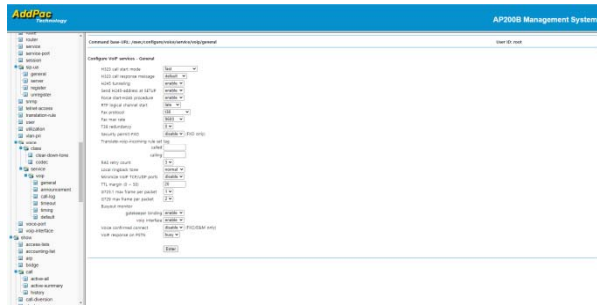
default (default VLAN priority) (0-7)
rtp (UDP/RTP data) (0-7)
sig (H.323/SiP signalling packet) (0-7)

Voice Class

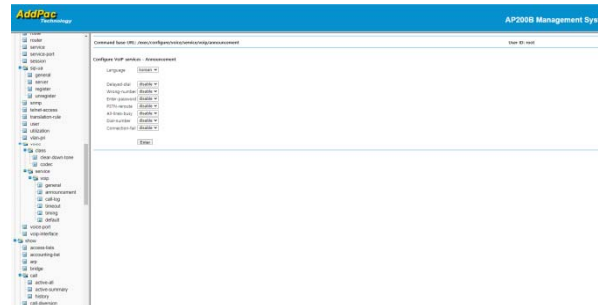


VOIP Codecs

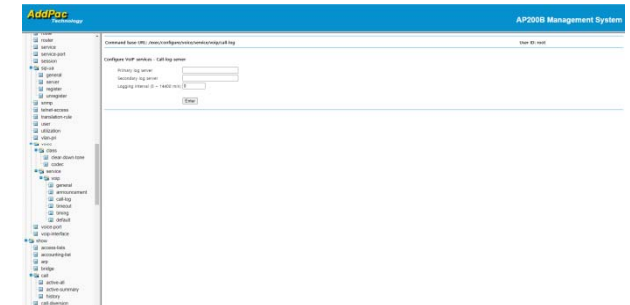
Voice Service



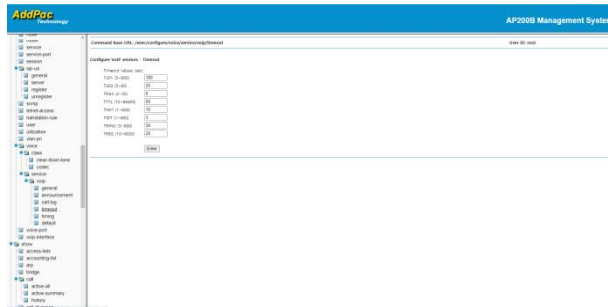
General Parameters



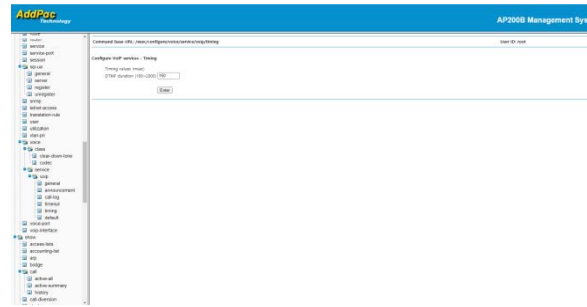
Announcement



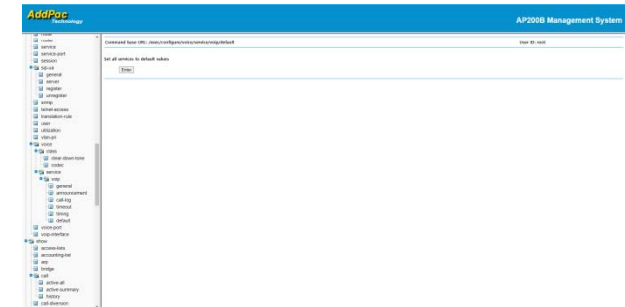
Call Log Server



Timeout Parameters



DTMF Duration



Default Value Setting

Voice Port

AddPac Technology AP200B Management System

Command base-URL: /exec/configure/voice-port User ID: root

Configure voice port

Port	Type	In-Gain	Out-Gain	Description	Adm Status	Action
0/0	FXS	0	0	-	up	Modify
0/1	FXS	0	0	-	up	Modify

Voice Interface

The screenshot displays the AddPac AP200B Management System interface. The top navigation bar includes the AddPac Technology logo on the left and the text "AP200B Management System" on the right. Below the navigation bar, a left-hand sidebar contains a tree view of system configuration categories, including "codecs", "service", "voip", "voice-port", "show", "call", "dialplan", and "dial-peer". The "voip" category is expanded, showing sub-items like "general", "announcement", "call-log", "timeout", "timing", and "default".

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 as follows:

- Current VoIP interface: ether0.0
- Interface name: ether (dropdown menu)
- Interface number: 0 (text input)
- Sub-interface number: 0 (text input)

An "Enter" button is located below the input fields.



Show

Access List

The screenshot displays the AddPac AP200B Management System interface. The top header is blue with the AddPac Technology logo on the left and 'AP200B Management System' on the right. A left-hand navigation pane contains a tree view of system categories, including 'show', 'access-lists', 'accounting-list', 'arp', 'bridge', 'call', 'dialplan', and 'ip'. The 'show' category is expanded, and 'access-lists' is selected. The main content area shows the command 'show access-list' being executed, with the output 'No Access-list is configured'. The command base URL is '/exec/show/access-list' and the user ID is 'root'. The status bar at the bottom left shows the command '172.17.208.20/exec/show/access-list'.

Accounting List

The screenshot displays the AddPac AP200B Management System interface. The top navigation bar is blue and contains the AddPac Technology logo on the left and the text "AP200B Management System" on the right. Below the navigation bar, the interface is divided into three main sections:

- Left Panel:** A tree view of the system's configuration hierarchy. The "show" menu is expanded, and the "accounting-list" option is selected.
- Command Line:** A text field containing the command "show accounting-list".
- Main Content Area:** A large, empty white space intended for the output of the command.

At the top right of the main content area, the text "User ID: root" is visible.

ARP Table

The screenshot shows the AddPac Management System interface. On the left is a navigation tree with categories like 'show', 'access-lists', 'arp', 'bridge', 'call', 'dialplan', 'dial-peer', 'ip', etc. The main area displays the output of the 'show arp' command. At the top, it says 'Command base-URL: /exec/show/arp' and 'User ID: root'. Below that, it indicates 'Allocate ARP Entry : 1/256'. A table follows with columns for IP address, Ethernet Address, Interface, TTL, and State. One entry is shown: IP address 172.17.207.254, Ethernet Address 88:36:6c:6a:45:c5, Interface ether0.0, TTL 498, and State RESOLVED. At the bottom, it states 'ARP Table Timeout : 600 seconds'.

IP address	Ethernet Address	Interface	TTL	State
172.17.207.254	88:36:6c:6a:45:c5	ether0.0	498	RESOLVED

Bridge

The screenshot displays the AddPac AP200B Management System interface. The top header is blue with the AddPac Technology logo on the left and 'AP200B Management System' on the right. Below the header, the interface is divided into a left sidebar and a main content area. The sidebar contains a tree view of configuration categories, with 'show' expanded to show 'bridge'. The main content area displays the command 'show bridge' and its output, which is currently blank. The command prompt shows 'Command base-URL: /exec/show/bridge' and 'User ID: root'.

Active Call

The screenshot displays the AddPac AP200B Management System interface. The top header is blue with the AddPac Technology logo on the left and 'AP200B Management System' on the right. Below the header, the 'Command base-URL' is set to '/exec/show/call/active-all' and the 'User ID' is 'root'. The main content area shows the result of the command: 'Total calls : 0'. On the left side, there is a tree view of the system's configuration hierarchy, with 'call' > 'active-all' selected. The tree view includes categories like 'voice-port', 'voip-interface', 'show', 'access-lists', 'accounting-list', 'arp', 'bridge', 'call', 'call-diversion', 'clock', 'codec-class', 'configuration', 'debug', 'debug-port', 'dhcp-lease', 'dhcp-lists', 'dialpattern-group', 'dialplan', 'dial-peer', 'dnsconf', 'dnshost', 'files', 'ftp-access', 'gateway', 'interfaces', 'igmp', 'ip', 'ip-share', and 'lnc-ctrl'. At the bottom left, the command '172.17.208.20/exec/show/call/active-all' is visible in a small text box.

Active Call Summary

AddPac
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AP200B Management System

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

Total calls : 0

CallNum	EstablishedTime	Dur.	CallingParty	CalledParty	Rx Packets	Tx Packets
---------	-----------------	------	--------------	-------------	------------	------------

Call History

The screenshot displays the AddPac AP200B Management System interface. On the left is a navigation tree with categories like 'voice-port', 'show', 'call', and 'ip'. The 'show' category is expanded, and 'call' is selected. The main content area shows the command 'show call history' executed, resulting in a table with the following headers: CallNum, EventTime, Descript, CallingPartyNum, CalledPartyNum, ResetInfo, SetupTime, Dur, and Reason. The table body is currently empty.

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

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

Call Diversion

The screenshot displays the AddPac AP200B Management System interface. The top header is blue with the AddPac Technology logo on the left and 'AP200B Management System' on the right. Below the header, the command base URL is '/exec/show/call-diversion' and the user ID is 'root'. The main content area is empty, indicating that the command has been executed but no output is visible. On the left side, there is a navigation tree with various system categories such as 'voice-port', 'voip-interface', 'show', 'access-lists', 'accounting-list', 'arp', 'bridge', 'call', 'dialplan', 'dial-peer', 'dnsconf', 'dns host', 'files', 'ftp-access', 'gateway', 'interfaces', 'igmp', 'ip', 'interface', 'traffic', 'ip-share', and 'line-ctrl'. The 'show' category is expanded, and 'call' is selected. The status bar at the bottom left shows the IP address '172.17.208.20' and the command '/exec/show/call-diversion'.

Clock

The screenshot displays the AddPac Management System interface. The top header includes the AddPac Technology logo on the left and 'AP200B Management System' on the right. A left-hand navigation pane lists various system categories such as 'voice-port', 'show', 'access-lists', 'bridge', 'call', 'dialplan', and 'ip'. The main content area shows the command 'show clock' executed in the 'exec' mode. The output of the command is as follows:

```
Command base-URI: /exec/show/clock                                     User ID: root
-----
System was started at Fri Jan  4 04:18:25 2019
Current Time is Fri Jan  4 04:54:28 2019
Running time is 0 days 00:36:03
```

VoIP Codec Class

The screenshot displays the AddPac Management System interface. The top header includes the AddPac Technology logo and the text 'AP200B Management System'. On the left, a tree view shows the system's configuration hierarchy, with 'show' expanded to reveal various categories like 'access-lists', 'arp', 'bridge', 'call', 'dial-peer', and 'ip'. The main content area shows the command 'show codec-class' being executed, with the output listing five codec classes for 'Codec Class 1000':

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

Codec Class 1000
1 : g711ulaw
2 : g711alaw
3 : g7231+ES3
4 : g7231+ES3
5 : g729
```

Show Configuration List

The screenshot displays the AddPac AP200B Management System interface. The top header includes the AddPac Technology logo on the left and 'AP200B Management System' on the right. Below the header is a navigation tree on the left side, listing various configuration categories such as 'voice-port', 'show', 'access-lists', 'accounting-list', 'arp', 'bridge', 'call', 'dialplan', 'dial-peer', 'dnsconf', 'dnsconf', 'files', 'ftp-access', 'gateway', 'interfaces', 'igmp', and 'ip'. The 'show' category is currently selected. The main content area on the right displays the output of the 'show configuration' command, starting with 'Command base URL: /exec/show/configuration' and 'User ID: root'. The output text includes system information like 'Using 1728 out of 65332 bytes', 'version 0.30X', 'hostname AP200', and various configuration parameters such as 'no bridge spanning-tree', 'dhcp-list 0 type server', 'ip-share enable', 'interface ether0.0', 'interface ether1.0', 'no ip address', 'ip dhcp-rep 0', 'snap name AP200B', 'no arp reset', 'route 0.0.0.0 0.0.0.0 172.17.1.1', 'pnp-sktelink debug on', 'VoIP configuration.', 'Voice service voip configuration.', and 'voice service voip'.

Debug

The screenshot displays the AddPac AP200B Management System interface. The top header is blue with the AddPac Technology logo on the left and "AP200B Management System" on the right. Below the header, there is a navigation tree on the left side containing various system categories such as "voice-port", "show", "call", "dialplan", "dial-peer", "ip", and "line-ctrl". The main content area on the right shows the command base URL as "/exec/show/debug" and the user ID as "root".

Debug Port

The screenshot displays the AddPac AP200B Management System interface. The top navigation bar includes the AddPac Technology logo on the left and 'AP200B Management System' on the right. A left-hand sidebar contains a tree view of configuration categories, with 'debug' selected under the 'call' category. The main content area shows the command base URL as '/exec/show/debug port' and the user ID as 'root'. Below this, the page title is 'Debug Port - Console', and the rest of the page is blank.

DHCP lease

The screenshot displays the AddPac AP200B Management System interface. The top header features the AddPac Technology logo on the left and "AP200B Management System" on the right. A left-hand navigation pane contains a tree view of system categories, with "show" expanded to reveal a list of sub-commands including "dhcp-lease". The main content area shows the command prompt "Command base-URL: /exec/show/dhcp-lease" and "User ID: root". The command execution area is currently empty, indicating the command has been entered but its output is not yet displayed. The status bar at the bottom left shows the URL "172.17.208.20/exec/show/dhcp-lease".

DHCP list

The screenshot displays the AddPac AP200B Management System interface. On the left is a navigation tree with categories like 'voice-port', 'show', 'access-lists', and 'ip'. The 'show' category is expanded, and 'dhcp-lists' is selected. The main panel shows the command base URL as '/exec/show/dhcp-lists' and the user ID as 'root'. The output displays DHCP configurations for two servers:

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

dhcp-list 0 type server
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 600
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-atu 1500
dhcp-list 0 option default-ip-ttl 255

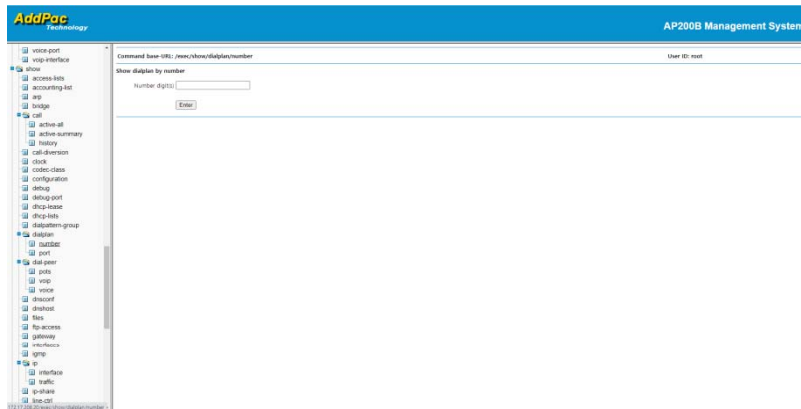
dhcp-list 1 type server
dhcp-list 1 address server 10.1.1.2 10.1.1.126 255.255.255.126
dhcp-list 1 option domain-name addpac.com
dhcp-list 1 option dhcp-lease-time 3600
dhcp-list 1 option max-lease-time 2147483647
dhcp-list 1 option arp-cache-timeout 180
dhcp-list 1 option ethernet-encapsulation ethernet
dhcp-list 1 option interface-atu 1500
dhcp-list 1 option default-ip-ttl 255
```

Dial Pattern Group

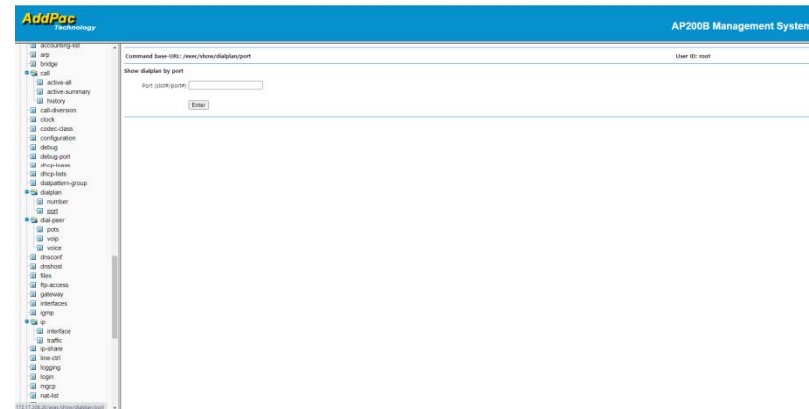
The screenshot displays the AddPac AP200B Management System interface. The top header is blue with the AddPac Technology logo on the left and 'AP200B Management System' on the right. Below the header, the interface is divided into a left sidebar and a main content area. The sidebar contains a tree view of system categories, with 'dialpattern-group' selected. The main content area shows the command base-URL as '/exec/show/dialpattern-group' and the user ID as 'root'. The command output area is currently empty.

172.17.208.20/exec/show/dialpattern-group

Dial Plan



Dial Plan Number



Dial Plan Port

Dial Peer

```
addip peer 100  
description POTS  
priority 1  
session protocol sdp  
session target ipv4:10.10.10.10  
incoming called-number 100  
destination-pattern 100  
port 100  
no vad
```

POTS

```
addip peer 101  
description VoIP Peer  
priority 1  
session protocol sdp  
session target ipv4:10.10.10.10  
incoming called-number 101  
destination-pattern 101  
port 101  
no vad
```

VoIP Peer

```
addip peer 102  
description POTS(Voice) Peer  
priority 1  
session protocol sdp  
session target ipv4:10.10.10.10  
incoming called-number 102  
destination-pattern 102  
port 102  
no vad
```

POTS(Voice) Peer

DNS Conf

The screenshot displays the AddPac AP200B Management System interface. On the left is a navigation tree with categories like 'configuration', 'debug', 'dhcp-lease', and 'dnsconf'. The 'dnsconf' category is expanded, showing sub-items like 'dnshost', 'dnshost cache-timerout 600', and 'dnshost query-timerout 10'. The main content area shows the command base URL as '/exec/show/dnsconf' and the user ID as 'root'. The output of the command is displayed in a text area.

AddPac
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AP200B Management System

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

```
dnshost cache-timerout 600
dnshost query-timerout 10
```

172.17.208.20 exec/show/dnsconf

DNS Host

The screenshot displays the AddPac AP200B Management System interface. On the left is a navigation tree with categories like 'configuration', 'debug', 'dialplan', 'dial-peer', 'ip', and 'spanning-tree'. The 'dial-peer' category is expanded, showing sub-items like 'pots', 'voip', and 'voice'. The 'dnshost' item 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 in a text area, showing 'No DNS host entry.' and 'No DNS Service Location entry.'

AddPac
Technology

AP200B Management System

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

No DNS host entry.
No DNS Service Location entry.

172.17.208.20/exec/show/dnshost

Files

The screenshot displays the AddPac AP200B Management System interface. On the left, a tree view shows the file system structure, including folders like 'configuration', 'debug', 'dial-peer', and 'ip'. The 'files' folder is selected. On the right, a command prompt window shows the output of the 'show files' command, listing files with their permissions, ownership, and timestamps.

AddPac Technology AP200B Management System

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

```
-rwxrwxr-x 1 noone nogroup 0 Jan 4 2019 avt.log0.txt
-rwxrwxr-x 1 noone nogroup 0 Jan 4 2019 avt.log1.txt
-rwxrwxr-x 1 noone nogroup 143 Jan 4 2019 cad.log0.txt
-rwxrwxr-x 1 noone nogroup 0 Jan 4 2019 cad.log1.txt
-rwxrwxr-x 1 noone nogroup 1728 Oct 9 2018 conf19.cfg
-rwxrwxr-x 1 noone nogroup 1834412 Oct 29 2010 ap200fw-rs_30X.bin
```

172.17.208.20/exec/show/files

FTP Access

The screenshot displays the AddPac AP200B Management System interface. The top header is blue with the AddPac Technology logo on the left and "AP200B Management System" on the right. Below the header, the interface is divided into three main sections:

- Left Panel (Configuration Tree):** A tree view showing the system's configuration structure. The "ftp-access" folder is highlighted in blue. Other visible folders include "codec-class", "configuration", "debug", "dhcp-lease", "dialplan", "dial-peer", "ip", and "router".
- Command Execution Area:** A large white area with a blue border. At the top, it displays "Command base-URL: /exec/show/ftp-access" and "User ID: root". Below this, there are several horizontal lines representing the command prompt and its output.
- Bottom Left:** A small status bar showing the IP address "172.17.208.20" and the command "exec/show/ftp-access".

H.323 Parameters

The screenshot displays the AddPac AP200B Management System interface. The left sidebar shows a navigation tree with categories like 'configuration', 'debug', 'voice', and 'ip'. The main content area shows the output of the command 'exec/show/gateway' in a terminal window. The output includes system information, gatekeeper registration details, local aliases, and gateway-specific H.323 parameters.

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

System Information
status = in service (busyout status = sip-server )
voice interface status = enabled
product name = AddPac VoIP R
product version = 0.20 (2006-01-07 00:00)
endpoint type = gateway

Gatekeeper Registration Information
H.323 id = voip.172.17.208.20
gatekeeper registration option = disabled
gatekeeper security option = disabled
Gatekeeper registration status :
not registered.
last registration reject information from gatekeeper
Unknown (Jan 4 04:18:19)

Gatekeeper list :

Local aliases
[1] H323ID : voip.172.17.208.20

Technical prefixes

Gateway Information
discovery (send GRQ) = disabled
ARD option = ars default
LRQ option = no line
lightweight IRR = disabled
TTL margin = 20 s

H323 call start mode = fast
H323 call tunneling mode = enabled
H323 call channel mode = late
H323 response wsa = default
H323 call preconnect = disabled
system fax mode = t30
system fax rate (bps) = 9600
system T.30 fax redundancy = 0
dialPeer hunt algorithm = longest - preference - random
force to send startOfCall = enabled
translate voice incoming called number = -1
translate voice 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 confband connect on FXO = 0

number of ports = 2
number of pots peers = 1
```

Interface (ethernet)

The screenshot displays the AddPac Management System interface for an AP200B device. The left sidebar shows a navigation tree with categories like configuration, debug, and interfaces. The main content area shows the output of the command `show interfaces`. The output is divided into two sections: one for `ether0.0` and one for `ether1.0`. The `ether0.0` section shows that the interface is UP, with an IP address of 172.17.208.20 and a physical interface of Ethernet0. The `ether1.0` section shows that the interface is DOWN, with no IP address and a physical interface of Ethernet1. Both sections provide detailed statistics on link status, data rates, and error counts.

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

Interface : ether0.0
IP Address : 172.17.208.20 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 fe fc 77

Ethernet0 is UP, Line protocol is UP
QoS control is enabled.
QoS bandwidth is same as interface speed
Interface type is 10Base-T
Link status is 10 Mbps (HALF-DUPLEX)
last 1 minute data rate : tx 1704 bps, rx 5040 bps
18126 packets input, 1270328 bytes, 0 no buffers
Received 0 runs, 0 giants
0 input errors, 0 CRC, 0 frame, 0 overrun, 0 ignored
0 input packets with dribble condition detected
1190 packets output, 282276 bytes, 0 drops
1 output errors, 0 collision, 0 interface resets
0 underruns, 0 late collisions, 1 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 fe fc 78

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 runs, 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 AP200B Management System interface. On the left, a tree view shows the configuration structure, with 'igmp' selected under the 'interfaces' category. The main content area shows the command base URL: `/exec/show/igmp`. The user ID is identified as 'root'.

AddPac Technology **AP200B Management System**

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

Tree View (Left):

- codec-class
- 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
 - snmp
 - spanning-tree

IP interface

The screenshot displays the AddPac AP200B Management System interface. On the left is a navigation tree with categories like 'configuration', 'debug', 'dhcp-lease', and 'ip'. The 'ip' category is expanded to show 'interface'. 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	172.17.208.20	up	up
ether1.0	unassigned	down	down

IP Data Statistics

The screenshot displays the AddPac AP200B Management System interface. On the left is a navigation tree with categories like configuration, debug, and ip. The main area shows the output of the command `/exec/show/ip/traffic` executed as root. The output provides a detailed breakdown of IP traffic statistics, including packet counts for received, forwarded, and discarded packets, as well as reassembly and fragmentation metrics.

AddPac Technology AP200B Management System

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

IP Datagram Statistics :

- Packet Received : 2082
- Packet Received with Header Error : 0
- Packet Received with Address Error : 0
- Packet Received with Unknown/Unsupported Protocol : 0
- Packet Forwarded : 3
- Packet Received but discarded : 0
- Packet Delivered : 693
- Packet Output Requested : 1916
- Packet Output is discarded : 0
- Packet Output but no Route : 3
- 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 Routine Discard : 0

IP Share

The screenshot displays the AddPac AP200B Management System interface. On the left is a navigation tree with categories like configuration, debug, dhcp-lease, dialplan, dial-peer, dnsconf, dnsconf, 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, and static. The main 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, and GLOBAL-IP/REMOTE-Port. The table body is currently empty.

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

Interface (ethernet) Status

The screenshot displays the AddPac AP200B Management System interface. The top header includes the AddPac Technology logo on the left and "AP200B Management System" on the right. A left-hand navigation pane lists various system categories such as 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, system, tcp, telnet-access, tone, translation-rule, udp, user, utilization, and version. The main content area shows the command base URL as "/exec/show/line-ctrl" and the user ID as "root". The output of the command is as follows:

```
Interface : ethernet0
operating mode is HALF-DUPLEX
operating speed is 10 Mbps
Interface : ethernet1
operating mode is HALF-DUPLEX
operating speed is 10 Mbps
```

Logging

The screenshot displays the AddPac Management System interface for an AP200B device. The top navigation bar includes the AddPac Technology logo on the left and the text 'AP200B Management System' on the right. A left-hand sidebar contains a tree view of configuration categories, with 'ip' expanded to show sub-items like 'interface', 'logging', and 'login'. 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 displayed in a text area, showing the following text: 'logging enabled', 'command logging enabled', and '3 messages logged.'.

Login

The screenshot displays the AddPac AP200B Management System interface. The top header is blue with the AddPac Technology logo on the left and 'AP200B Management System' on the right. A left-hand navigation pane lists various configuration categories, including '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', 'system', 'tcp', 'telnet-access', 'tone', 'translation-rule', 'udp', 'user', 'utilization', and 'version'. The 'login' category is selected. The main content area shows the command base-URL as '/exec/show/login' and the user ID as 'root'. Below this, the configuration text reads: 'login lock fail 3', 'login lock time 00:00', 'Console is unlock state', and 'Telnet is unlock state'.

MGCP Parameters

The screenshot displays the AddPac Management System interface for an AP200B device. The left sidebar shows a navigation tree with 'mgcp' selected under the 'ip' category. The main content area shows the output of the 'show mgcp' command, including MGCP timer values, information, and endpoint lists.

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

Call Agent Information
Call-agent list :
Notified Entity :

MGCP Timer values
retry (mgcp retry timer) = 4000 msec.
thist (mgcp hist timer) = 30 sec.
tmax (mgcp max timer) = 20 sec.

MGCP Information
DTRF Relay = disabled
restart delay = 0 sec.
busvaut monitor timer = 5 sec.
forced play rlnaback-tone = no
sid = yes
send rlsip for each endpoint = no
default-package = line-package
supported-packages :
dtel-package
ds-package
hs-package
line-package
trunk-package

endpoint list :

ENDPOINT-NAME	ADMIN	STATE	NOTIFIED
aaIn/D/DMAP200	Idle	Down	FALSE
aaIn/D/1BMP200	Idle	Down	FALSE

connection list :

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

NAT List

The screenshot displays the AddPac Management System interface for an AP200B device. The left sidebar contains a tree view of configuration categories, with 'nat-list' selected. The main content area shows the command base-URL: /exec/show/nat-list and the output of the command, which lists NAT configurations for two interfaces (0 and 1). The output includes details for address, timeout, and global settings for both interfaces.

AddPac Technology **AP200B Management System**

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
```

Number Expansion

The screenshot displays the AddPac AP200B Management System interface. The top header is blue with the AddPac Technology logo on the left and "AP200B Management System" on the right. Below the header, there is a navigation tree on the left side containing various configuration categories such as 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, system, tcp, telnet-access, tone, translation-rule, udp, user, utilization, version, voice, port-all, port-summary, and voip-interface. The "ip" category is currently selected. The main content area on the right shows the command base-URL: /exec/show/num-exp and the user ID: root. The interface is clean and professional, typical of a network management system.

Route

The screenshot displays the AddPac AP200B Management System interface. On the left is a navigation tree with categories like dnsconf, files, gateway, interfaces, igmp, ip, router, and voice. The main area shows the command base-URL: /exec/show/route and the output of the show route command. The output lists three routes: a static route for 0.0.0.0/0 via 172.17.1.1, a directly connected route for 127.0.0.0, and another directly connected route for 172.17.0.0.

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

Codes: C - connected, S - static, R - RIP, 0 - OSPF

```
S 0.0.0.0/0 [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, 172.17.208.20 ether0.0
```

Running Config

The screenshot displays the AddPac AP200B Management System interface. On the left is a navigation tree with categories like dnsconf, ftp-access, interfaces, ip, voice, and others. The main area shows the output of the command `show running-config`. The configuration includes DHCP settings for two servers, interface configurations for ether0.0 and ether1.0, and various system parameters like hostname (AP200) and logging options.

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

|
|
| version 0.30X
|
| hostname AP200
|
|
| no bridge spanning-tree
|
| dhcp-list 0 type server
| dhcp-list 0 address server interface ether0.0
| dhcp-list 0 option dhcp-lease-time 600
|
| 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 172.17.208.20 255.255.0.0
| qos-control
|
| interface ether1.0
| no ip address
| ip dhcp-group 0
|
| snmp name AP200B
|
| no arp reset
|
| route 0.0.0.0 0.0.0.0 172.17.1.1
|
| logging command
| logging on
|
| nro-sitelink debug 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
| busyout monitor gatekeeper
```


Session (Console, TTY)

The screenshot displays the AddPac AP200B Management System interface. On the left is a navigation tree with categories like dnsconf, dnshost, files, ftp-access, 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, system, tcp, telnet-access, tone, translation-rule, udp, user, utilization, version, and voice. The main content area shows the command base-URL: /exec/show/sessions and the user ID: root. Below this is a table with columns for Login Name, Terminal, Timeout, and Login Time.

Login Name	Terminal	Timeout	Login Time
root	Console	****	Fri Jan 4 04:52:16 2019
root	tty/1	****	Thu Jan 1 00:00:00 1970

Service

The screenshot displays the AddPac AP200B Management System interface. The top header includes the AddPac Technology logo on the left and 'AP200B Management System' on the right. A left-hand navigation pane lists various system categories such as 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, upload file, and E-Mail. The 'service' category is selected, and the main content area shows the command base URL as '/exec/show/service' and the user ID as 'root'. Below this, a list of services and their status is displayed:

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
DNS(Domain Name Server) Proxy	: DISABLE

SIP Parameters

AddPac Technology AP200B Management System

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

Proxyserver Registration Information
 proxyserver registration option = gateway
 Proxyserver list :

Server address	Port	Priority	Status(LastFail/Reason)
172.17.206.55	5060	128	Trying()

Proxyserver registration status :

E.164	UserName	Password	Port	Status

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.
 tclamping (sip ping timer) = 45 sec.
 SIP UA MIN-SE value
 Min-SE = 1800 sec.
 SIP DNS SRV Query : Disabled
 SIP Called-Party-Number : from URL
 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 Remote-Party-ID : Disabled
 SIP Local Root 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 AP200B Management System interface. On the left is a navigation tree with categories like 'onsconf', 'files', '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', and 'voice'. The 'snmp' category is selected. The main content area shows the command 'show snmp' and its output. The output includes a table with columns for TYPE, Community-Name, IP-Address, and TRAP version, followed by a list of SNMP parameters and their values.

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

TYPE	Community-Name	IP-Address	TRAP version	Access Mode
contact	AddPac			
location	AddPac			
name	AP200B			
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			

contact : AddPac
location : AddPac
name : AP200B
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

Spanning Tree

The screenshot displays the AddPac AP200B Management System interface. On the left is a navigation tree with categories like 'onscom', 'files', 'interfaces', and 'ip'. The 'ip' category is expanded, showing sub-items such as '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 'spanning-tree' item is 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 AP200B Management System interface. On the left is a navigation tree with categories like 'onsconf', 'dns', 'files', 'gateway', 'interfaces', 'igmp', 'ip', 'router', 'static', and 'voice'. The 'static' category is selected. The main content area shows the command base-URL as '/exec/show/static' and the user ID as 'root'. Below this, a table lists 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 Management System interface. On the left is a navigation tree with categories like 'ip-share', 'logging', 'router', '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 command base URL as '/exec/show/system' and the user ID as 'root'. Below this is a table of system tasks.

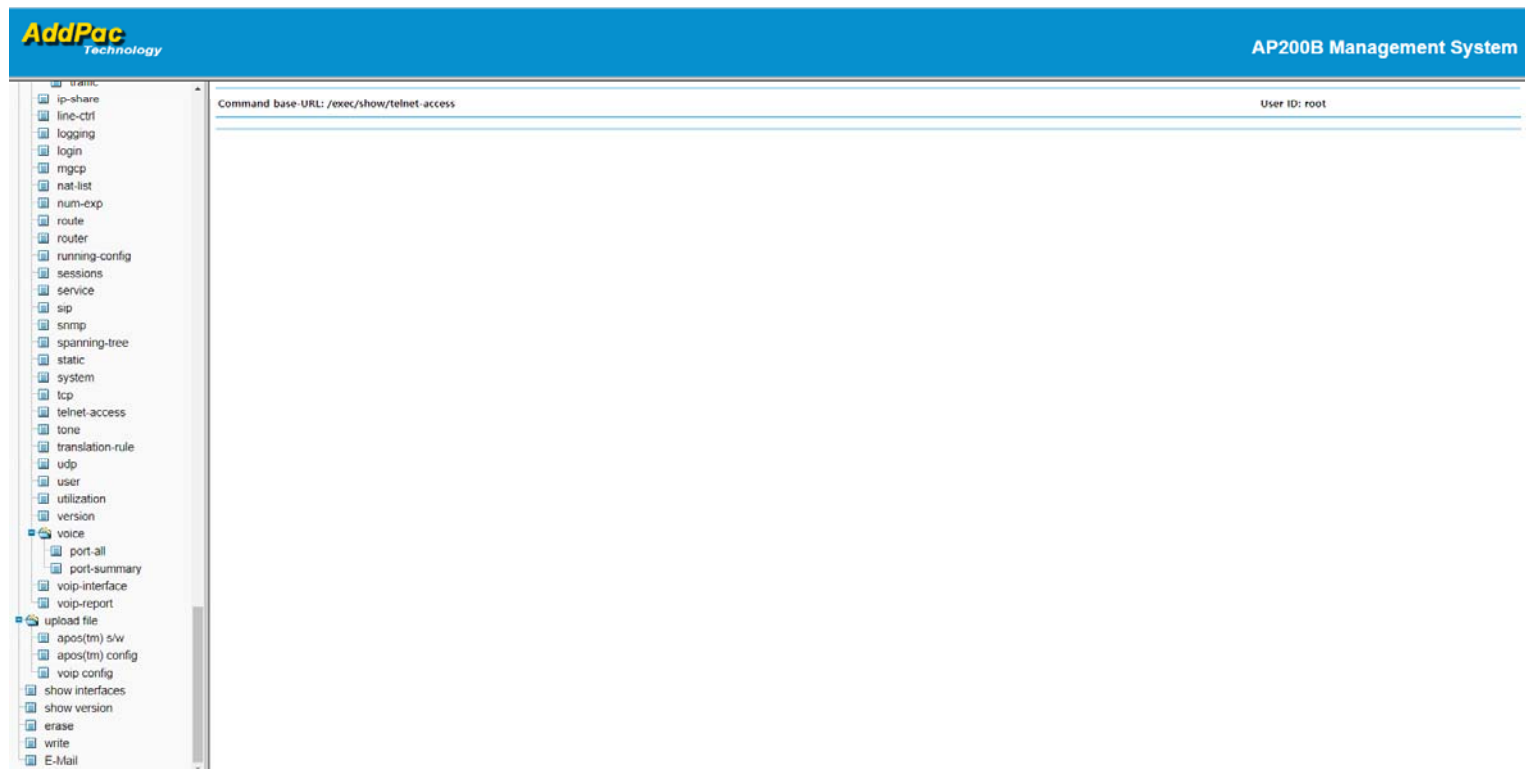
TASK-ID	TCD	STATUS	REASON
10002	start	sus	blocked
10003	ter	sus	sea
10004	pyrd	sus	sea
10005	lprx	sus	sea
10006	icpd	sus	sea
10007	dhcpd	sus	sea
10008	hts-s	sus	sea
10009	tel-s	sus	sea
1000a	stun	sus	sea
1000b	st-las	sus	sea
1000c	rta.a	sus	sea
1000d	ccc.a	sus	sea
1000e	radius	sus	sea
1000f	www.a	sus	sea
10010	debug	sus	sea
10011	icadr	sus	sea
10012	dhcpc	sus	sea
10013	www.d	READY	

TCP Session Information

The screenshot displays the AddPac AP200B Management System interface. On the left is a navigation tree with categories like 'router', 'voice', and 'upload file'. The main content area shows the command base URL as '/exec/show/tcp' and the user ID as 'root'. Below this is a table of TCP session information.

Local IP	Local Port	Remote IP	Remote Port	State
172.17.208.20	80	172.17.207.254	5828	ESTABLISHED
172.17.208.20	80	172.17.207.254	5824	TIME_WAIT
172.17.208.20	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 Management System interface. The top header includes the AddPac Technology logo on the left and 'AP200B Management System' on the right. A left-hand navigation pane lists various system categories 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, udp, user, utilization, version, voice, upload file, and E-Mail. The 'voice' category is expanded, showing sub-items like port-all, port-summary, voip-interface, voip-report, and voip config.

The main content area shows the command base URL as '/exec/show/tones' and the user ID as 'root'. Below this, a table provides detailed tone information:

Tone	Low(Hz)	High(Hz)	On1(ms)	Off1(ms)	On2(ms)	Off2(ms)	dBm	Description
-	350	440	10000	0	0	0	0	-18 Dial tone
-	440	480	1000	2000	0	0	0	-12 RingBack tone
-	480	620	500	500	0	0	0	-12 LineBusy tone
-	480	620	300	200	0	0	0	-12 Rorder tone
-	1400	2350	100	100	0	0	0	0 LineLock tone
-	350	440	250	250	250	3250	-15	Waiting tone
-	400	0	100	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 Sol tone

Translation Rule Information

The screenshot displays the AddPac AP200B Management System interface. The top header is blue with the AddPac Technology logo on the left and 'AP200B Management System' on the right. A left-hand navigation pane lists various system categories such as ip-share, logging, nat-list, and translation-rule. The 'translation-rule' category is selected and highlighted. The main content area shows the command base URL as '/exec/show/translation-rule' and the user ID as 'root'. The page content is currently empty.

UDP Information

The screenshot displays the AddPac Management System interface. The top header includes the AddPac Technology logo on the left and "AP200B Management System" on the right. A left-hand navigation pane lists various system categories 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", "udp", "user", "utilization", "version", "voice", "upload file", and "E-Mail". The "voice" category is expanded, showing sub-items like "port-all", "port-summary", "voip-interface", "voip-report", "upload file", "apos(tm) s/w", "apos(tm) config", "voip config", "show interfaces", "show version", "erase", "write", and "E-Mail".

The main content area shows the command base URL as "/exec/show/udp" and the user ID as "root". Below this, a table displays the following UDP information:

Local IP	Local Port
0.0.0.0	88
172.17.200.20	5060
0.0.0.0	9997
0.0.0.0	2049
0.0.0.0	9699
0.0.0.0	3345
0.0.0.0	87

User Information

The screenshot displays the AddPac AP200B 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 main content area shows the command base-URL: /exec/show/user and the user ID: root. Below this is a table with columns for Login Name, Password, User-Level, Timeout, and Alias Name. The table contains one entry for the user 'root' with password 'router', user-level 'ADMIN', and timeout '0'.

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

System Utilization Information

The screenshot displays the AddPac AP200B Management System interface. On the left is a navigation tree with categories like 'traffic', 'voice', and 'upload file'. The main content area shows the command 'show utilization' and its output:

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

Software Version Information

The screenshot displays the AddPac Management System interface. On the left is a navigation tree with categories like 'ip-share', 'logging', 'route', 'voice', and 'upload file'. The 'voice' category is expanded, showing sub-items like 'port-all', 'port-summary', 'voip-interface', and 'voip-report'. The main content area shows the command prompt 'Command base-URL: /exec/show/version' and the output of the 'show version' command. The output includes hardware specifications such as 'VoiceFinder Gateway Series (AP200B)', '32BIT RISC Processor With 16777216 Bytes System Memory', and '524288 Bytes System Flash Memory'. It also lists interfaces: '1 RS232 Serial Console Interface' and '2 Ethernet/IEEE 802.3 Interface'. The software version is 'AP200B System software Revision 8.30X', released on 'Fri Oct 29 10:06:54 2010'. The program size is '1639412 bytes' and the checksum is 'Useab2e1b'. The user ID is 'root'.

AddPac
Technology

AP200B Management System

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

```
VoiceFinder Gateway Series (AP200B)
Serial Number: AP200B-1efc77
32BIT RISC Processor With 16777216 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

AP200B System software Revision 8.30X
Released at Fri Oct 29 10:06:54 2010
Program is 1639412 bytes, checksum is Useab2e1b
```

Voice Port Information

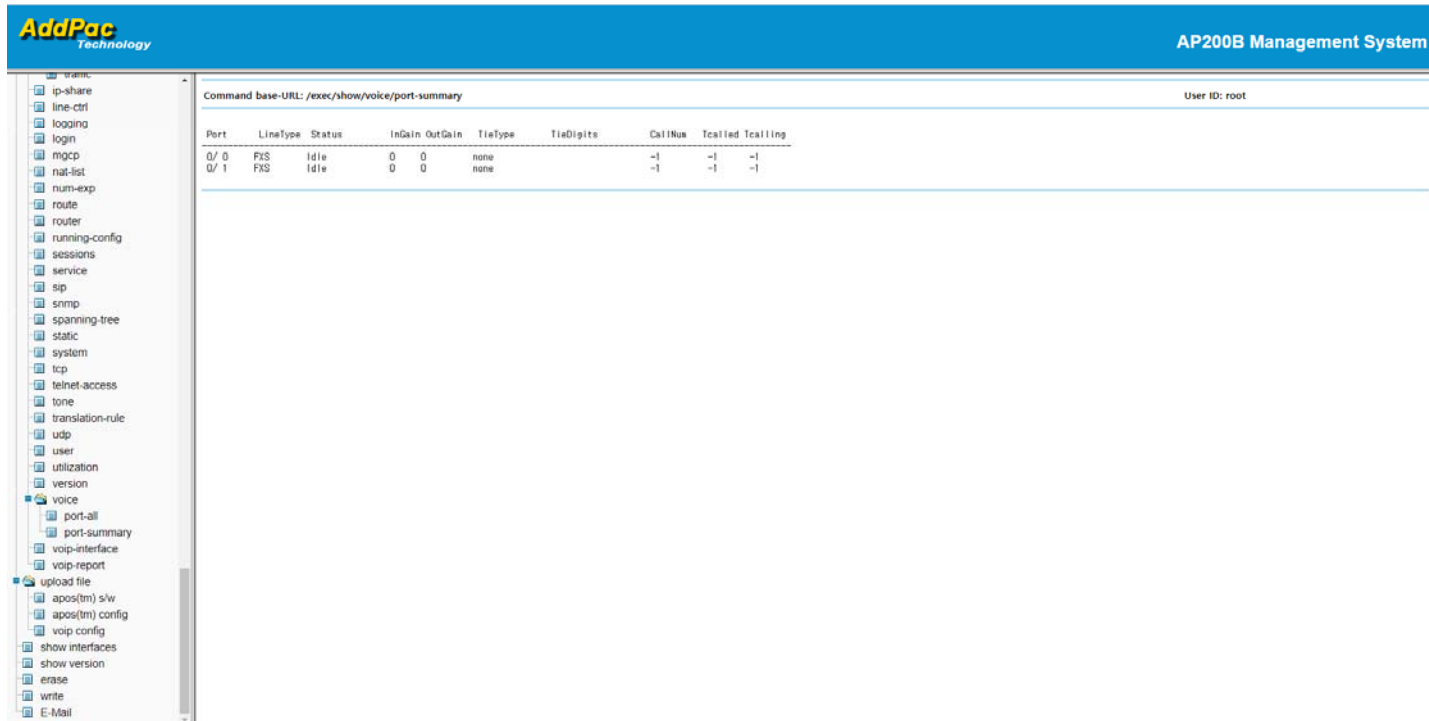
The screenshot displays the AddPac Management System interface for an AP200B device. The left sidebar shows a tree view of configuration options, with 'voice' and 'port-all' selected. The main window shows the command base URL as '/exec/show/voice/port-all' and the user ID as 'root'. The output displays configuration details for two voice ports, port(0) and port(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 = -8
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 = -8
high dtmf gain = -5
caller ID = enabled
```


Voice Port Summary



The screenshot displays the AddPac AP200B Management System interface. On the left is a navigation tree with categories like 'ip-share', 'line-ctrl', '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', 'upload file', 'show interfaces', 'show version', 'erase', 'write', and 'E-Mail'. The 'voice' category is expanded, showing sub-items: 'port-all', 'port-summary', 'voip-interface', and 'voip-report'. The 'port-summary' sub-item is selected, displaying the command base-URL: /exec/show/voice/port-summary and the user ID: root. The main content area shows a table with the following data:

Port	LineType	Status	InGain	OutGain	TiaType	TiaDigits	CallNum	Tcalled	Tcalling
0/ 0	FXS	Idle	0	0	none		-1	-1	-1
0/ 1	FXS	Idle	0	0	none		-1	-1	-1

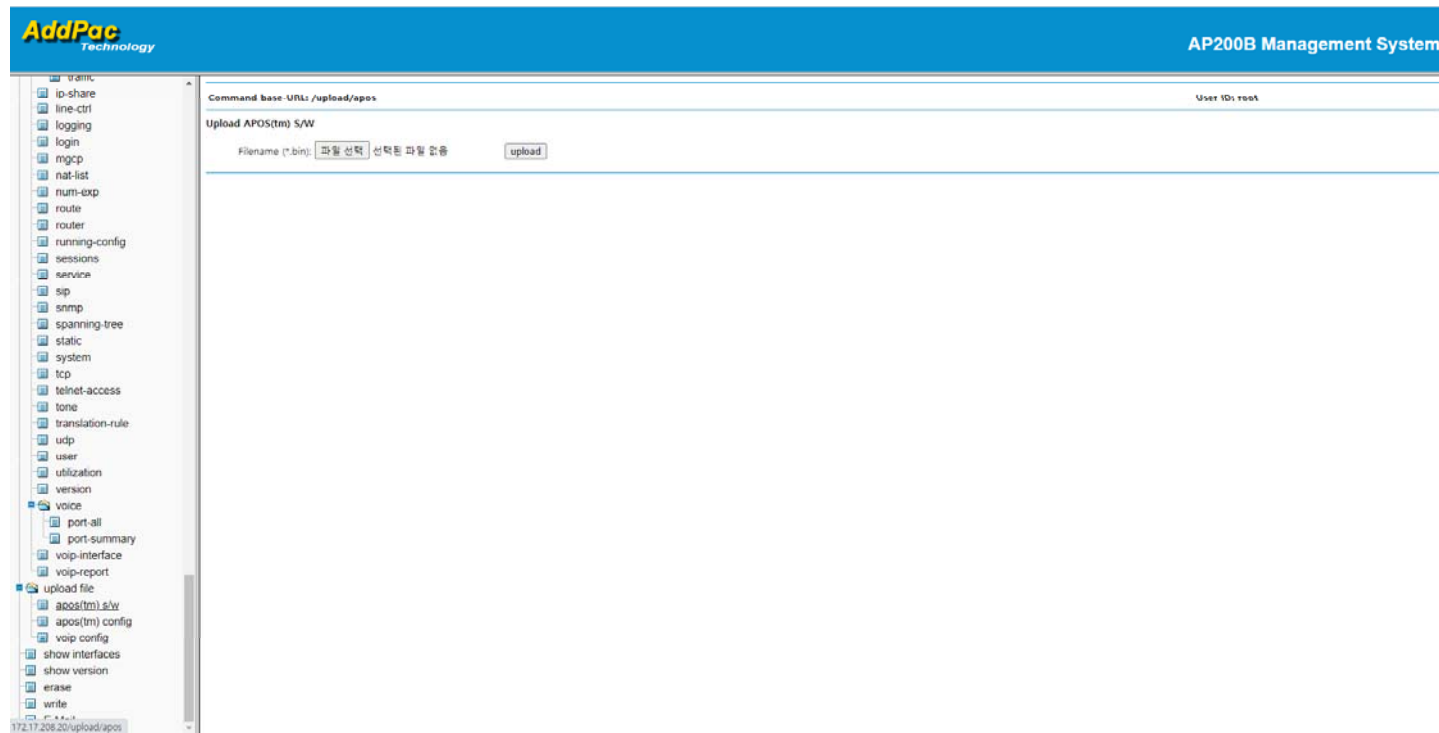
VoIP Interface Information

The screenshot displays the AddPac AP200B 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', 'upload file', 'apos(tm) s/w', 'apos(tm) config', 'voip config', 'show interfaces', 'show version', 'erase', 'write', and 'E-Mail'. The 'voice' category is expanded to show 'port-all', 'port-summary', 'voip-interface', and 'voip-report'. The 'voip-interface' option is selected, leading to a command execution window. The command entered is `show voip interface`, and the output is `voip-interface ether0.0 preference 256 active link-up`. The top right of the interface shows 'AP200B Management System' and 'User ID: root'.

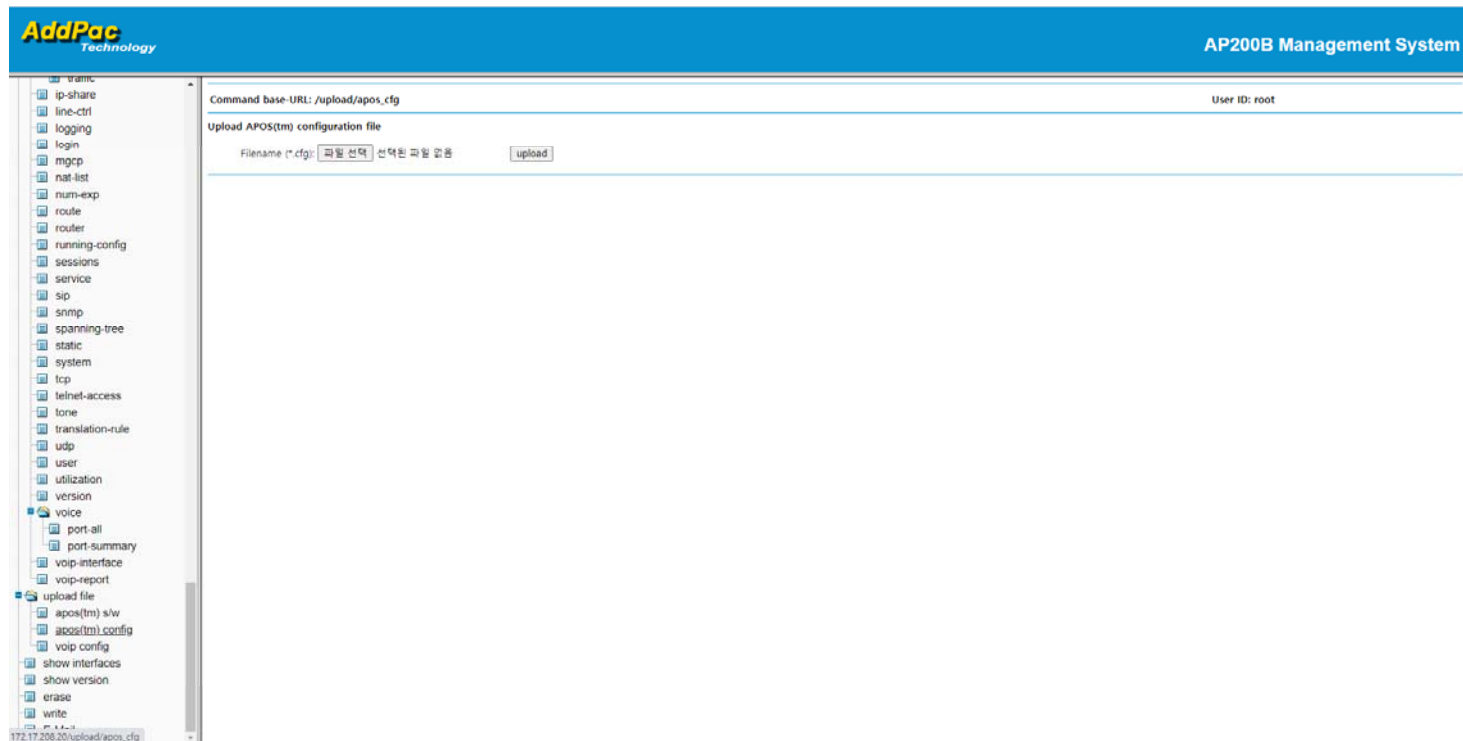
VoIP Report

The screenshot displays the AddPac AP200B Management System web interface. On the left is a navigation tree with categories like 'voice' and 'upload file'. The main content area shows the command base URL as '/exec/show/voip-report' and the user ID as 'root'. The output of the command is a separator line: '**** APOS(tm) VoIP REPORT PROGRAM ****'.

Upload APOS Image



Upload APOS_cfg file



Upload VoIP_cfg file

The screenshot displays the AddPac AP200B Management System interface. The top navigation bar includes the AddPac Technology logo on the left and 'AP200B Management System' on the right. A left-hand sidebar contains a tree view of system configuration categories, with 'upload file' selected. The main content area is titled 'Upload VoIP configuration file' and shows the command base URL as '/upload/voip_cfg' and the user ID as 'root'. Below this, there is a form for uploading a file, with a 'Filename (*.inf)' field containing the Korean text '파일 선택' (File Selection) and '선택된 파일 없음' (No files selected), and an 'upload' button.

Interface (ethernet) Information

The screenshot displays the AddPac Management System interface. On the left is a navigation tree with various configuration categories. The main area shows a terminal window with the command `show interfaces` and its output for two interfaces: ether0.0 and ether1.0.

Navigation Tree (Left):

- 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
 - voip-report
- upload file
 - apos(tm) s/w
 - apos(tm) config
 - voip config
- show interfaces
- show version
- erase
- write
- E-Mail

Terminal Window (Right):

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

```
Interface : ether0.0
IP Address : 172.17.208.20   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 1e 1c 77

Ethernet0 is UP. Line protocol is UP
QoS control is enabled.
QoS bandwidth is same as interface speed
Interface type is 10Base-T
Link status is 10 Mbps (HALF-DUPLEX)
last 1 minute data rate : tx 776 bps, rx 4120 bps
23028 packets input, 1508309 bytes, 0 no buffers
Received 0 runs, 0 giants
0 input errors, 0 CRC, 0 frame, 0 overrun, 0 ignored
0 input packets with dribble condition detected
1553 packets output, 336964 bytes, 0 drops
1 output errors, 0 collision, 0 interface resets
0 underruns, 0 late collisions, 1 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 1e 1c 78

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 runs, 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 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, upload file, and E-Mail. The main content area shows the command base-URL: /exec/show/version and the output of the 'show version' command. The output includes hardware details for a VoiceFinder Gateway Series (AP200B), such as the serial number (AP200B-1e1c77), processor (32811 RISC Processor with 16777216 Bytes System Memory), and memory (524288 Bytes System Flash Memory, 2097152 Bytes 2nd System Flash Memory). It also lists interfaces: 1 RS232 Serial Console Interface and 2 Ethernet/IEEE 802.3 Interface. The software version is identified as AP200B System software Revision 6.30X, released on Fri Oct 29 10:06:54 2010, with a program size of 1034412 bytes and a checksum of 0aeab2e1b.

AddPac
Technology

AP200B Management System

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

```
VoiceFinder Gateway Series (AP200B)
Serial Number: AP200B-1e1c77
32811 RISC Processor with 16777216 Bytes System Memory
524288 Bytes System Flash Memory
2097152 Bytes 2nd System Flash Memory

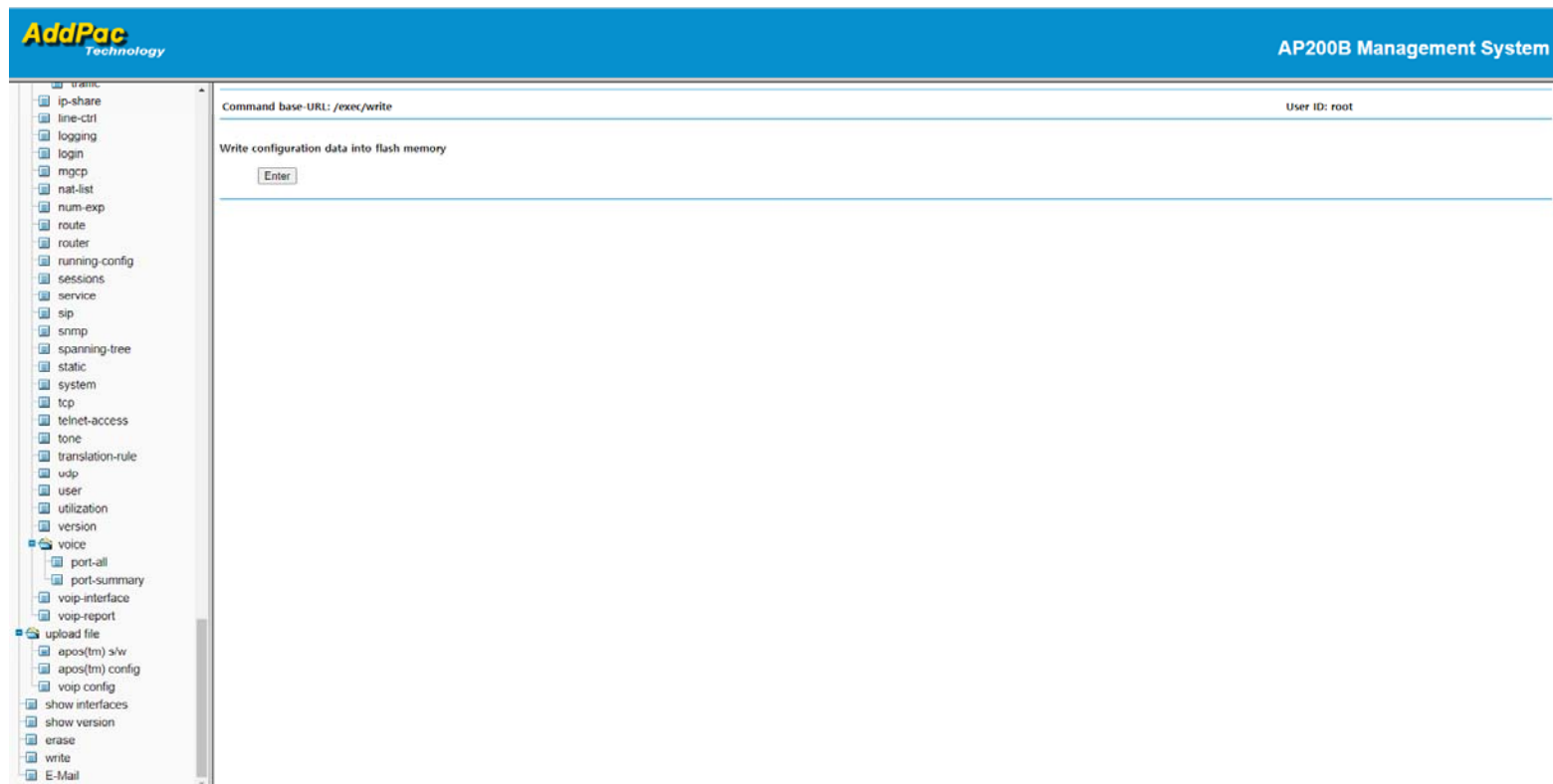
1 RS232 Serial Console Interface
2 Ethernet/IEEE 802.3 Interface

AP200B System software Revision 6.30X
Released at Fri Oct 29 10:06:54 2010
Program is 1034412 bytes, checksum is 0aeab2e1b
```


Erase Configuration Data from Flash Memory

The screenshot displays the AddPac AP200B 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', 'upload file', and 'E-Mail'. The main content area shows the command base-URL as '/exec/erase' and the user ID as 'root'. Below this, the command 'Erase configuration data from flash memory' is entered, and an 'Enter' button is visible.

Write Configuration Data into Flash Memory



The screenshot displays the AddPac AP200B 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 base-URL as `/exec/write` and the user ID as `root`. The instruction "Write configuration data into flash memory" is displayed above an button.

VoIP Gateway Series

Thank you!

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