



Purpose: To detail the length of each entry field and any allowed or recommended settings for the field.

Configuration Menu

AAA

XML Server 1 and 2	15
Printer Server URL	237
Passthrough Port	9
802.1x Reauth	9
Certificate DNS Name	64
Portal Page URL	237
Portal XML Post URL	237
Portal XML Post Port	9
Credit Card Server URL	237
Credit Card Server IP	15
Merchant ID	31
Change Transaction Key	16
Verify Transaction Key	16
Credit Card Time	allowed range 1-15
Secret Key	31
IP address	15
External Login page URL	237

Access Control

Telnet Port	allowed range 1-5000
HTTP Port	allowed range 1-5000
Access Control Start	15
Access Control End	15

Autoconfiguration

Radius Authentication Name	63
Radius Password	63
Confirm Password	63

Bandwidth Management

Bandwidth Uplink	allowed range 1-100000
Bandwidth Downlink	allowed range 1-100000



Bill Record Mirroring

Property ID	31
Primary IP	15
Primary URL	235
Primary Secret Key	32
Primary Port	allowed range 1024-65535
Secondary IP	15
Secondary URL	235
Secondary Key	32
Secondary Port	allowed range 1024-65535

Carbon Copy Servers each is as follows:

IP	15
URL	235
Secret Key	32
Port	allowed range 1024-65535

Number of Retransmit	allowed range 1-600
Retransmit Delay	allowed range 1-1000

DHCP

DHCP Server IP	15
DHCP Relay Agent IP	15

Add DHCP Pool

DHCP Server IP	15
DHCP Server Netmask	15
DHCP Pool Start IP	15
DHCP Pool Stop IP	15
DHCP Lease Minutes	allowed range 1- 35791394

DNS

Host Name	64
Domain	64
Primary DNS Server	15
Secondary DNS Server	15
Tertiary DNS Server	15
DNS Redirection port	allowed range 1024-5000
Proxy DNS Port	allowed range 1024-5000



Dynamic DNS

Hostname	255
Username	255
Password	255

GRE Tunneling

VPN Concentrator IP	15
GRE Interface IP	15
GRE Interface Subnet Mask	15
GRE Interface Gateway	15

Home Page Redirection

Home Page URL	237
Redirection Frequency	1-600

INAT

INAT Start IP	15
INAT End IP	15

IPSEC Peer

Peer IP address	15
Shared Key	127
Private Key filename	19
Certificate filename	19
Lifetime	allowed range 180-86,400

IPSEC Tunnel

Remote IP/Subnet	15
Subnet Mask	15
Remote UDP/TCP port	allowed range 1024-65535
Local IP/Subnet	15
Subnet Mask	15
IP address of network	15
Local UDP/TCP port	allowed range 1024-65535
Maximum Lifetime	allowed range 1-28800
Maximum Lifesize	10



Location

Company Name	99
Site Name	99
Address (line 1)	99
Address (line 2)	99
City	99
State	99
Zip/Postal Code	99
Country	99
E-mail address	99
ISO Country Code	3
Phone Country Code	10
Calling Area Code	10
Network SSID/ZONE	32
Network IP address	15
Subnet Mask	15
Default Gateway	15

PPPoE Client

PPPoE Service Name	31
Echo Request Interval	allowed range 1-600
Maximum Missed	allowed range 1-20
User Name	128
Password	128
Static	15
Maximum TCP MSS	allowed range 1-1452

Logging

System Log Number	allowed range 0-7
System Log Server IP	15
AAA Log Number	allowed range 0-7
AAA Log Server IP	15
Radius History Log Number	allowed range 0-7
Radius History Log Server	15
System Report Log Number	allowed range 0-7
System Report Log Server	15
Subscriber Tracking Number	allowed range 0-7
Subscriber Tracking Server	15



Passthrough Addresses

IP/DNS name 237

Port Location

Username 17
Password 17
IP address 15

SNMP community 235
SNMP query interval allowed range 1-600

Radius Client

Authentication Port allowed range 0, 1024-5000
Accounting Port allowed range 0, 1024-5000
Default User Idle recommended range 0-6000
User Login Retry recommended range 1-30
NAS Identifier 31
NAS Port type allowed range 0-40
Forgot Your Password 237
Default 802.1q Tag allowed range 1-4094

Radius Service Profile

Unique Name 40

Authentication

Primary IP 15
Primary Port allowed range 1024-65535
Secret Key 64

Accounting

Secondary IP 15
Secondary Port allowed range 1024-65535
Secret Key 64

Retransmission Frequency recommended range 1-600
Retransmission Attempts allowed range 0-1000

Tunnel Profile

Unique Name 40
Tunnel Peer IP 15
Tunnel Password 63



Realm Routing Policy

Realm Name	79
Local Hostname	39

SMTP Redirection

SMTP Server IP/DNS Name	254
SMTP Server Username	38
SMTP Server Password	38

SNMP

System Contact	237
System Location	237
Get (Read) Community	237
Set (Write) Community	237
Trap Community	237
Trap Recipient IP	15

URL Filtering

IP/DNS name	237
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Port Location Menu

Add

Location	119
Port	allowed range 1-65535
Description	63
Subnet	15



Subscriber Administration

Add

802.1Q Device Port	allowed range 1-4094
Mac Address	17
IP Address	15
Subnet	15
Username	128
Password	96
Expiration HRS	allowed range 0-999
Expiration Mins	allowed range 0-59
User Definable 1	101
User Definable 2	101
Upstream	allowed range 0-100000
Downstream	allowed range 0-100000

Subscriber Interface

Billing Options

Introduction Message	72
Offer Message	72
Policy Message	72
Minute	allowed range 1-967680
Hour	allowed range 1-16128
Day	allowed range 1-672
Week	allowed range 1-96
Month	allowed range 1-24
Default Free Access	allowed range 1-180
Maximum Lifetime	allowed range 1-180
Tax Rate	allowed range 0.00-99.99
Promotional Codes	
Code Definition 1	4
Percentage Discount	allowed range 1-99



Billing Plan

Label	16
Description of Service	140
Rate per Minute	allowed range 1-967680
Rate per Hour	allowed range 1-16128
Rate per Day	allowed range 1-672
Rate per Week	allowed range 1-96
Rate per Month	allowed range 1-24

Bandwidth amount cannot exceed bandwidth set in Configuration/Bandwidth

Up	10
Down	10

ICC Setup

Title	48
Name/Text	16
Target URL	237
Image Name	32

Configure Banners

Name/Text	13	
Target URL	237	
Image Name	32	
Duration	10	must be greater than 30
Start Time	15	
Stop Time	15	



Login UI

Service Selection	72
Existing Username	72
New Username	72
Contact Message	72
PMS Username	72
Remember Me	72
Remember – Days	10
Help Hyperlink	72
Help Hyperlink URL	72
Locale	19
Currency	15
Number of decimals	10
Image File Name	16
Page Background	16
Table Background	16
Page Title Font	16
Line Item Font	16
Partner Image File	31

Current currency codes are 3 alphabetic characters

Post Session UI

All fields are	32
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Subscriber Buttons

All fields are	16
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Subscriber Labels

All fields are	32
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Subscriber Errors 1 of 2
Subscriber Errors 2 of 2

All fields are	32
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Subscriber Messages 1 of 3
Subscriber Messages 2 of 3
Subscriber Messages 3 of 3

All fields are	72
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Subscriber Messages, TOA (Terms of Agreement)

4000 characters including HTML characters.

System Menu

Login

All fields are 11

Session Rate Limit

Mean Rate allowed range 1- 1000000000
Burst Rate allowed range 1- 1000000000
Time Interval allowed range 1-6000

Static Port Mapping Add

Internal IP 15
Internal Port allowed range 1024-65535
Mac Address 17
External Port allowed range 1024-65535
Remote IP 15
Remote Port allowed range 1024-65535

Wireless Configuration AG 2000 and 2100 only

Fragment Length allowed range 256-2346
RTS Length allowed range 256-2346
Beacon Interval allowed range 20-1000
DTIM allowed range 1-255

Virtual AP Setup

Enable Default 802.1q allowed range 0-65535

Add Virtual AP

Passphrase 63
Group Key Update allowed range 0 for off or 30-214748347
WEP Keys 1-4 32