INDEX

A

ACS
    definition 9-1
Adding 7-31
alert messages
    alerts, definition 9-1
API 2-3, 3-1, 4-1
API, definition 9-1
API use cases
    See use cases
atomic 4-2
audit logs, definition 9-1
autoconfiguration server
    See ACS

C

caching, definition 9-1
cipher suites
    definition 9-1
Class Of Service Operations 8-20
Compile 6-2
connection 3-2
container 4-11
customer premises equipment, definition 9-1

D

deadlock 5-3
Deleting 8-53
Device 1-2
Device Provisioning Operations 8-7
DeviceType Operations 8-17
DHCP Criteria Operations 8-22
DOCSIS 8-48
documentation
    related documents i-vii
DPE (Device Provisioning Engine)
    definition 9-2
DPoE 8-48

E

Error Handling 8-2
event reliability 5-3
executes 4-2
Execution Options 8-3

F

File Operations 8-24
FQDN
    definition 9-2

G

Generic 8-19
Generic Device Operation 8-19
Getting 8-38
Group Operations 8-27

I

instructions
    generation, definition 9-2

IP address
definition 9-2

L

lost events 5-3

M

MTA 8-48
Multiple 8-55

N

NAT, definition 9-2
network address translation
See NAT
Network Time Protocol, definition 9-2
non 3-2

O

Options
execution 8-3

P

pollOperation Status 8-29
Provisioning 1-2, 8-1
provisioning 4-1
provisioning API, definition 9-3
provisioning groups
definition 9-3
provisioning use cases, API 7-3
Provisioning Web Services 8-1
ProvServiceException 8-19
publishing, definition 9-3
PWS 8-1, 8-2
Concepts 8-2
Data Types 8-2
data types 8-2
execution options 8-3
multiple device operation 8-2
Operations 8-6
Overview 8-1
QueryType 8-4
Session Management 8-2
single device operation 8-2
SOAP 8-1
Tomcat 8-1
Transactionality 8-2
use cases 8-30
WSDL 8-30
PWS Operation
Class of Service 8-20
DeviceType 8-17
DHCP Criteria 8-22
File 8-24
Generic 8-19
Group 8-27
pollOperation 8-29
Search 8-30
PWS Operations 8-6
device provisioning 8-7
session 8-6
PWS Use Cases 8-30

Q

QueryType 8-4

R

RDU (Regional Distribution Unit)
definition 9-3
reconnects 3-2

redundancy, definition 9-3
Registering 8-32

S

Searching 8-48
Search Operation 8-30
Secure Sockets Layer
  See SSL
Session Management 8-2
Session Operations 8-6
shared secret
  definition 9-3
SNMP
  cloning on RDU, DPE
    PacketCable eMTA (use case) 7-44
SSL
  definition 9-3
Supported 8-51
System 1-2

T

TCP 3-2
template files, developing
  template file definition 9-4
TLS
  definition 9-4
  See SSL
Transactionality 8-2
Transport Layer Security
  See TLS

U

Unregistering 8-36
Updating 8-43
use cases
  about 7-1
  adding
    new computer behind a modem with NAT 7-32
    new computer in fixed standard mode 7-10
    second computer in promiscuous mode 7-31
  bulk provisioning modems in promiscuous mode 7-25
  CableHome with firewall configuration 7-54
  creating API client 7-3
  disabling subscriber 7-13
  getting detailed device information 7-35
  incremental provisioning of PacketCable eMTA 7-45
  logging
    batch completions using events 7-35
    device deletions using events 7-33
  modifying an existing modem 7-17
  monitoring RDU connection using events 7-34
  moving device to another DHCP scope 7-32
  optimistic locking 7-49
  preprovisioning
    CableHome WAN-MAN 7-53
    DOCSIS modems with configuration files 7-48
    first-time activation in promiscuous mode 7-27
    modems and self-provisioned computers 7-15
    PacketCable eMTA 7-42
  replacing existing modem 7-29
  retrieving capabilities for CableHome WAN-MAN 7-56
  searching for devices using class of service 7-41
  searching for devices using vendor prefix 7-41
  searching using default class of service 7-40
  self-provisioning
    CableHome WAN-MAN 7-57
    first-time activation in promiscuous mode 7-22
    first-time activation with NAT 7-31
    modem, computer in fixed standard mode 7-7
  SNMP cloning on PacketCable eMTA 7-44
  subscriber bandwidth, temporarily throttling 7-51
  unregistering, deleting subscriber device 7-18

V

VoIP, definition 9-4

W

watchdog process
    agent, definition 9-4
WSDL 8-2