List of Acronyms

Acronym Expansion

2G second generation wireless telephone technology

3DES triple DES (data encryption standard)

3G third generation mobile telephone technology

5620 SAM 5620 Service Aware Manager

7705 SAR 7705 Service Aggregation Router

7710 SR 7710 Service Router

7750 SR 7750 Service Router

9500 MPR 9500 microwave packet radio

ABR area border router

available bit rate

AC alternating current

attachment circuit

ACK acknowledge

ACL access control list

ACR adaptive clock recovery

ADM add/drop multiplexer

ADP automatic discovery protocol

AFI authority and format identifier

AIS alarm indication signal

ANSI American National Standards Institute

Apipe ATM VLL

APS automatic protection switching

ARP address resolution protocol

A/S active/standby

AS autonomous system

ASAP any service, any port

ASBR autonomous system boundary router

ASM any-source multicast

autonomous system message

ASN autonomous system number

ATM asynchronous transfer mode

ATM PVC ATM permanent virtual circuit

B3ZS bipolar with three-zero substitution

Batt A battery A

B-bit beginning bit (first packet of a fragment)

Bc committed burst size

Be excess burst size

BECN backward explicit congestion notification

Bellcore Bell Communications Research

BFD bidirectional forwarding detection

BGP border gateway protocol

BITS building integrated timing supply

BMCA best master clock algorithm

Table 64: Acronyms (Continued)

Acronym Expansion

BMU broadcast, multicast, and unknown traffic

Traffic that is not unicast. Any nature of multipoint traffic:

• broadcast (that is, all 1s as the destination IP to

represent all destinations within the subnet)

• multicast (that is, traffic typically identified by the

destination address, uses special destination

address); for IP, the destination must be 224.0.0.0 to

239.255.255.255

• unknown (that is, the destination is typically a valid
unicast address but the destination port/interface is
not yet known; therefore, traffic needs to be
forwarded to all destinations; unknown traffic is
treated as broadcast)

BOF boot options file

BPDU bridge protocol data unit

BRAS Broadband Remote Access Server

BSC Base Station Controller

BSR bootstrap router

BSTA Broadband Service Termination Architecture

BTS base transceiver station

CAS channel associated signaling

CBN common bonding networks

CBS committed buffer space

CC continuity check

control channel

CCM continuity check message

CE circuit emulation

customer edge

CEM circuit emulation

CES circuit emulation services

Table 64: Acronyms (Continued)

Acronym Expansion

CESoPSN circuit emulation services over packet switched network

CFM connectivity fault management

cHDLC Cisco high-level data link control protocol

CIDR classless inter-domain routing

CIR committed information rate

CLI command line interface

CLP cell loss priority

CoS class of service

CPE customer premises equipment

Cpipe circuit emulation (or TDM) VLL

CPM Control and Processing Module (CPM is used instead of
CSM when referring to CSM filtering to align with CLI
syntax used with other SR products). CSM management ports
are referred to as CPM management ports in the CLI.

CPU central processing unit

C/R command/response

CRC cyclic redundancy check