

■ Cisco IOS naming convention

ALL 0-9 a b c d e f g h i j k l m n o p q r s t u v w x y z ALL

a

- a APPN
- a2 ATM
- a3 APPN replacement

b

- b Appletalk
- boot boot image

c

- Comm-server/Remote Access Server (RAS) subset (SNMP, IP, Bridging, IPX,
- c Atalk, Decnet, FR, HDLC, PPP, X,25, ARAP, tn3270, PT, XRemote, LAT) (non-CiscoPro)
- c CommServer lite (CiscoPro)
- Comm-server/Remote Access Server (RAS) subset (SNMP, IP, Bridging, IPX,
- c2 Atalk, Decnet, FR, HDLC, PPP, X,25, ARAP, tn3270, PT, XRemote, LAT) (CiscoPro)
- c3 clustering

d

- Desktop subset (SNMP, IP, Bridging, WAN, Remote Node, Terminal Services, IPX, Atalk, ARAP) (11.2 - Decnet)
- d2 reduced Desktop subset (SNMP, IP, IPX, ATALK, ARAP)
- diag IOS based diagnostic images

e

- IPeXchange (no longer used in 11.3 and later)

- StarPipes DB2 Access - Enables Cisco IOS to act as a "Gateway" to all IBM DB2 products for downstream clients/servers in 11.3T

eboot ethernet boot image for mc3810 platform

f

f FRAD subset (SNMP, FR, PPP, SDLLC, STUN)

f2 modified FRAD subset, EIGRP, Pcbus, Lan Mgr removed, OSPF added

g

g ISDN subset (SNMP, IP, Bridging, ISDN, PPP, IPX, Atalk)

g2 gatekeeper proxy, voice and video

g3 ISDN subset for c800 (IP, ISDN, FR)

h

h For Malibu(2910), 8021D, switch functions, IP Host

hdiag Diagnostics image for Malibu(2910)

i (used for image names of platforms c2500 and larger)

i IP subset (SNMP, IP, Bridging, WAN, Remote Node, Terminal Services)

i2 subset similar to IP subset for system controller image (3600)

reduced IP subset with BGP/MIB, EGP/MIB, NHRP,

DIRRESP

removed.

i4 subset of IP (5200)
ipss7 IP subset with SS7
(2600)

j

enterprise subset (formerly bpx, includes
j protocol translation)
*** not used until 10.3 ***

k

k kitchen sink (enterprise for high-end)
(same as bx) (Not used after 10.3)
k1 Baseline Privacy key encryption (On
11.3 and up)
k2 high-end enterprise w/CIP2 ucode (Not
used after 10.3)
k2 Triple DES (On 11.3 and up)
k3 56bit SSH encryption
k4 168bit SSH encryption
k5 Reserved for future encryption
capabilities (On 11.3 and up)
k6 Reserved for future encryption
capabilities (On 11.3 and up)
k7 Reserved for future encryption
capabilities (On 11.3 and up)
k8 Reserved for future encryption
capabilities (On 11.3 and up)
k9 Reserved for future encryption
capabilities (On 11.3 and up)

l

l lPExchange IPX, static routing, gateway

m

- m RMON (11.1 only)
- m Catalyst 2820-kernel, parser, ATM signaling, Lane Client, bridging

n

- n IPX

o

- o Firewall (formerly IPeXchange Net Management)
- o2 Firewall (3xx0)
- o3 Firewall with ssh (36x0 26x0)

p

- p Service Provider (IP RIP/IGRP/EIGRP/OSPF/BGP, CLNS ISIS/IGRP)
- p2 Service Provider w/CIP2 ucode
- p3 as5200 service provider
- p4 5800 (Nitro) service provider
- p5 Service Provider (6400 NRP)
- p7 Service Provider with PT/TARP (2600, 3640)

q

- q Async
- q2 IPeXchange Async

r

- r IBM base option (SRB, SDLLC, STUN, DLSW, QLLC) - used with i, in, d (See note below.)
- r2 IBM variant for 1600 images
- r3 IBM variant for Ardent images (3810) reduced IBM subset with BSC/MIB,
- r4 BSTUN/MIB, ASPP/MIB, RSRB/MIB removed.

S

s source route switch (SNMP, IP, Bridging, SRB) (10.2 to 11.1)

Additions by Platform via PLUS packs

c1000 (OSPF, PIM, SMRP, NLSP, ATIP, ATAURP, FR SVC, RSVP, NAT)

(X.25, full WAN, OSPF, PIM, NLSP,

c1005 SMRP, ATIP, ATAURP, FR SVC, RSVP, NAT)

(OSPF, IPMULTICAST, NHRP, NTP, NAT, RSVP, FRAME_RELAY_SVC)

c1600 AT "s" images also have: (SMRP, ATIP, AURP)
IPX "s" images also have: (NLSP, NHRP)

c2500 (NAT, RMON, IBM, MMP, VPDN/L2F)

c2600 (NAT, IBM, MMP, VPDN/L2F, VOIP and ATM)

s c3620 (NAT, IBM, MMP, VPDN/L2F) In 11.3T added VOIP

c3640 (NAT, IBM, MMP, VPDN/L2F) In 11.3T added VOIP

c4000 (NAT, IBM, MMP, VPDN/L2F)

c4500 (NAT, ISL, LANE, IBM, MMP, VPDN/L2F)

c5200 (PT, v.120, managed modems, RMON, MMP, VPDN/L2F)

c5300 (MMP, VPDN, NAT, Modem Management, RMON, IBM)

c5rsm (NAT, LANE and VLANS)

c7000 (ISL, LANE, IBM, MMP, VPDN/L2F)

c7200 (NAT, ISL, IBM, MMP, VPDN/L2F)

rsp (NAT, ISL, LANE, IBM, MMP, VPDN/L2F)

t

t AIP w/ modified Ucode to connect to Teralink 1000 Data (11.2)

t Telco return (12.0)

u

u IP with VLAN RIP (Network Layer 3 Switching Software, rsrb, srt, srb, sr/tlb)

v

v VIP and dual RSP (HSA) support

v2 Voice V2D

v3 Voice Feature Card

v4 Voice (ubr920)

w

WBU Feature Sets

i IISP

l LANE & PVC

w p PNNI

v PVC traffic shaping

Cisco Advantage ED train Feature Sets

a IPX, static routing, gateway

b Net Management

w2 c FR/X25

y Async

w3 Distributed Director Feature Sets

x

x X.25 in 11.1 and earlier releases and on c800 in 12.0T

x FR/X.25 in 11.2 (IPeXchange)

x H.323 Gatekeeper/Proxy in 11.3 and later releases for 2500, 3620, 3640, mc3810

**y (used for
image names
of platforms**

smaller than c2500)

y	reduced IP (SNMP, IP RIP/IGRP/ EIGRP, Bridging, ISDN, PPP) (C1003/4)
y	reduced IP (SNMP, IP RIP/IGRP/ EIGRP, Bridging, WAN - X.25) (C1005) (11.2 - includes X.25) (c1005)
y	IP variant (no Kerberos, Radius, NTP, OSPF, PIM, SMRP, NHRP...) (c1600)
y2	IP variant (SNMP, IP RIP/IGRP/ EIGRP, WAN - X.25, OSPF, PIM) (C1005)
y2	IP Plus variant (no Kerberos, Radius, NTP, ...) (c1600)
y3	IP/X.31
y4	reduced IP variant (Cable, Mibs, DHCP, EZHTTP)
y5	reduced IP variant (Cable, Mibs, DHCP, EZIP) Home Office
y6	reduced IP variant(c800)

Z

z managed modems

0-9

40 40 bit encryption

- 56 56 bit encryption
- 56i 56 bit encryption with IPSEC

Obsolete

- reduced desktop subset (SNMP, IP RIP/
h IGRP/EIGRP, Bridging,
ISDN, PPP, IPX, Atalk) 1003/4
- reduced desktop subset (SNMP, IP RIP/
h IGRP/EIGRP, Bridging,
WAN - X.25, IPX, Atalk) 1005



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