CISCO IOS VERSIONS

IOS Nomenclature

12.4(7a)
- Maintenance Release
- Individual Release
- Numbered Version

12.4(9)T1
- Maintenance Release
- Individual Release
- New Feature Identifier
- Numbered Version

12.2(25)SEB4
- Release
- Individual Release
- Numbered Version

3.2.1
- Major Release
- Minor Release
- Maintenance Release

IOS Package Trees

Advanced Enterprise Services

Advanced IP Services — Enterprise Services

Advanced Security — SP Services — Enterprise Base

IP Voice

IP Base

Advanced Enterprise Services

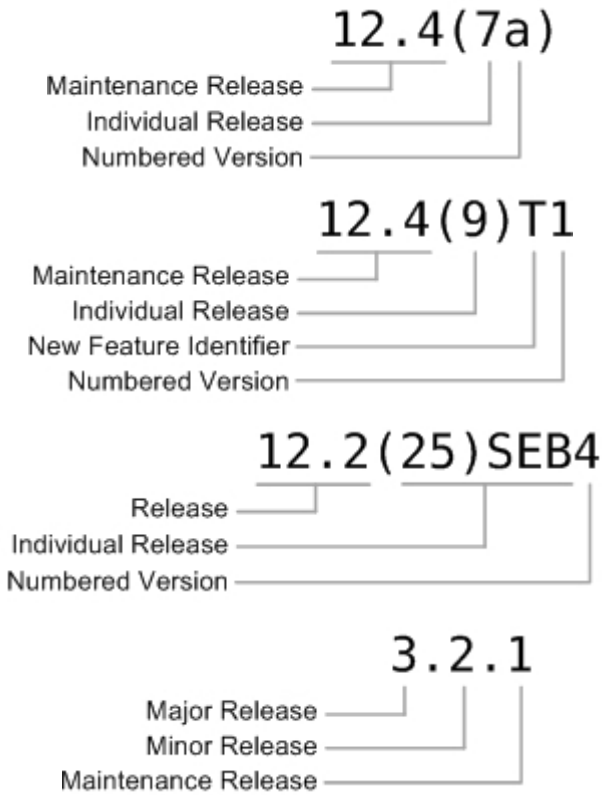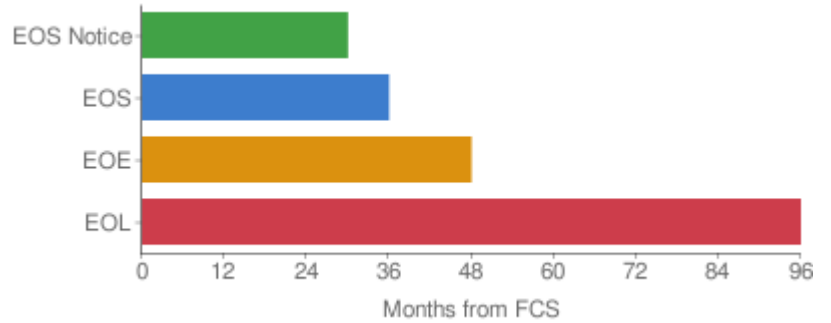Advanced IP Services — Enterprise Services

IP Services

IP Base

Typical Release Lifecycle

First Customer Shipment (FCS) · The release is first available to Cisco customers on CCO
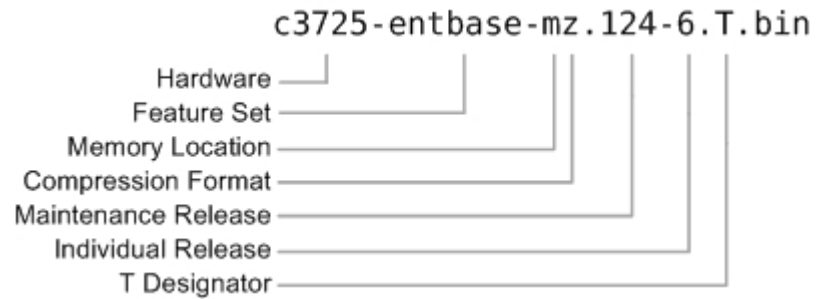
EOS Notice · Notification of upcoming EOS

End of Sale (EOS) · The release is no longer orderable or included in manufactured shipments
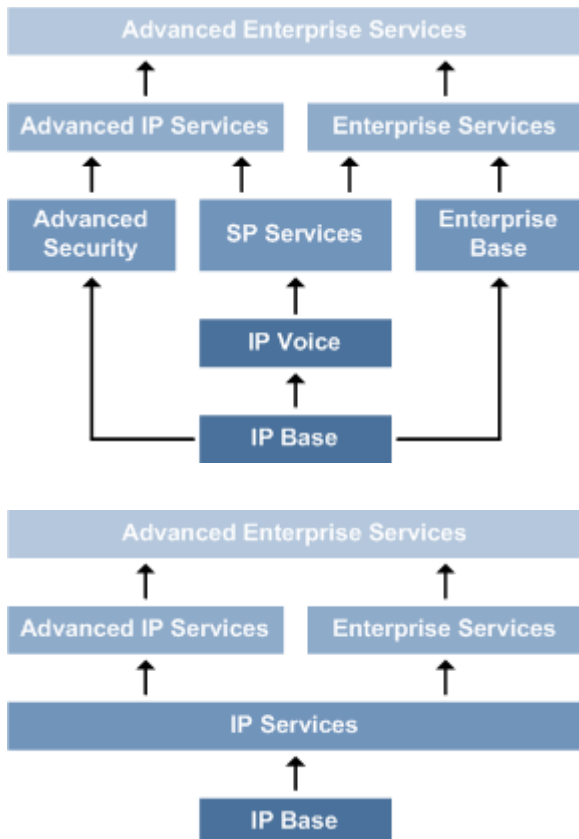
End of Engineering (EOE) · The last day for software fixes; only TAC assistance is offered from this point

End of Life (EOL) · The last day for TAC support; release becomes obsolete; upgrade is only option for support

IOS Filename

c3725-entbase-mz.124-6.T.bin
- Hardware
- Feature Set
- Memory Location
- Compression Format
- Maintenance Release
- Individual Release
- T Designator

Recommended IOS

800, 1700, 2600, 2800, 3700, 3800	**12.4 / 12.4T**
Catalyst 2960, 3560, 3750	**12.2SE**
Catalyst 4500 and 4900	**12.2SG**
Catalyst 6500	**12.2SX**
7200, 7301 routers	**12.4 / 12.4T / 12.2SB**
7304 routers	**12.2SB**
7500 routers	**12.4 / 12.0S**
10000 routers	**12.2SB**
7600 routers	**12.2SR**

IOS Verification

Router# **show version**

Router# **dir <filesystem>:**

Router# **verify <filesystem>:<image>**