Cisco IOS Versions

packetlife.net

IOS Nomenclature

Mainline 12.4(7a)

- Maintenance Release
- Individual Release
- Numbered Version

T Train 12.4(9)T1

- Maintenance Release
- Individual Release
- New Feature Identifier
- Numbered Version

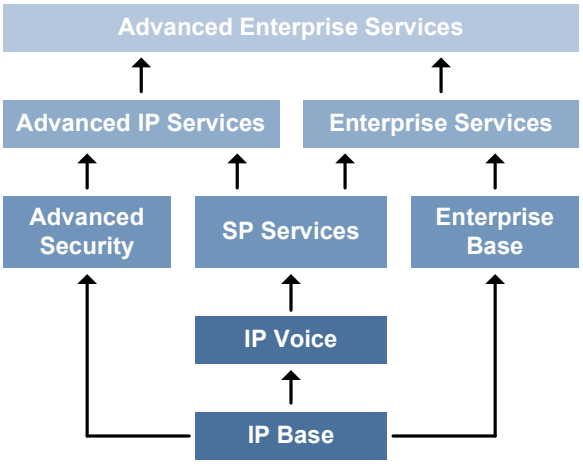
S Train 12.2(25)SEB4

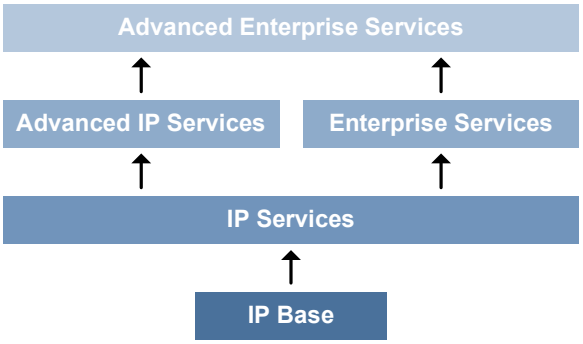
- Release
- Individual Release
- Numbered Version

IOS XR 3.2.1

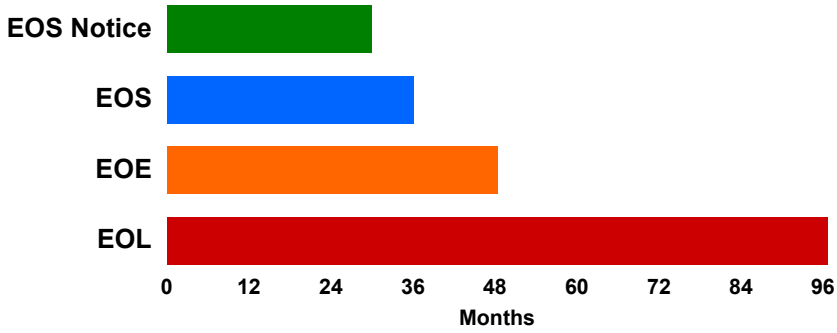
- Major Release
- Minor Release
- Maintenance Release

IOS Package Trees





Release Lifecycle



First Customer Shipment (FCS)
The release is made 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 continued support

IOS Filename

c3725-entbase-mz.124-6.T.bin

- Hardware
- Feature Set
- Memory Location
- Compression Format
- Maintenance Release
- Individual Release
- T Designator

Deployment Classifications

Early Deployment (ED)
Offers new feature, platform, or interface support

General Deployment (GD)
A major release considered qualified for deployment on critical devices

Limited Deployment (LD)
A major release prior to reaching its GD milestone

Deferred (DF)
Known defective images; should not be installed

IOS Version Verification

```
show version
dir <filesystem>:
verify <filesystem>:<image>
```