

# IOS XE to IOS Mapping and Feature Set Nomenclature on Catalyst 3850/3650 Switches

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## Introduction

This document describes the Cisco IOS Software that runs as a process within Cisco IOS XE in what is called the IOS daemon, or IOSd. While many of the infrastructure components have migrated from Cisco IOS to Cisco IOS XE such as High Availability, the features of Cisco IOS Software are exactly the same as those that run within the Cisco IOS XE as they do in a traditional Cisco IOS release.

This document is important to understand the mapping between Cisco IOS XE software versions and respective classic IOS version that run on Cisco Catalyst 3850 switches.

It also explains the suffix at the end of Catalyst 3850/3650 product ID and what it means.

## Prerequisites

## Requirements

There are no specific requirements for this document.

## Components Used

This document is not restricted to specific software and hardware versions.

The information in this document was created from the devices in a specific lab environment. All of the devices used in this document started with a cleared (default) configuration. If your network is live, make sure that you understand the potential impact of any command.

## IOS XE to IOS Version Mapping

The Table 1 illustrates the IOS XE to IOS mapping for Catalyst 3850/3650 platforms.

**Table 1.** IOS XE to IOS Version Mapping.

Cisco IOS XE Version	Cisco IOS Version
16.x versions	Not applicable
03.06.08E	15.2(2)E8
03.06.07E	15.2(2)E7
03.06.06E	15.2(2)E6
03.06.05E	15.2(2)E5
03.06.04E	15.2(2)E4
03.07.05E	15.2(3)E5
03.07.04E	15.2(3)E4

Each **.bin image** file shows both versions in its full name like this:

cat3k\_caa-universalk9.SPA.03.06.08.E.152-2.E8.bin

### Relation between Product ID and License Feature Set

When you navigate to the [Cisco Software Download page](#) for Catalyst 3850/3650 switches, you will find the full Product ID. However, it will not exactly match with your Product ID under the **show version** output. It will be without the last letter that is

Cisco page: Catalyst 3850-24P-S Switch

Show version: WS-C3850-24P

Final letter makes reference to a feature set that switch ships with, the **show version** or **show license right-to-use** output will show the current license.

Table 2 shows the possible letters and which feature sets they translate to.

**Table 2.** Feature Set Nomenclature on Catalyst 3850/3650 Switches.

Letter	License
L	LAN Base
S	IP Base
E	IP Services

## Related Information

- [Cisco Catalyst Series Switches Data Sheet](#)
- [Cisco IOS XE and Cisco IOS Software Release 15](#)
- [Technical Support & Documentation - Cisco Systems](#)