Configuring ROMMON

This chapter contains the following sections:

ROMmon Images

A ROMmon image is a software package used by ROM Monitor (ROMmon) software on a router. The software package is separate from the consolidated package normally used to boot the router. For more information on ROMmon, see the "ROM Monitor Overview and Basic Procedures" section in the Cisco 1100 Series ISR Hardware and Installation Guide.

An independent ROMmon image (software package) may occasionally be released and the router can be upgraded with the new ROMmon software. For detailed instructions, see the documentation that accompanies the ROMmon image.

Note   A new version of the ROMmon image is not necessarily released at the same time as a consolidated package for a router.

Table 1: Cisco ISR1000 ROMmon Compatibility Matrix

Cisco IOS XE Release	Minimum ROMmon Release Supported for IOS XE	Recommended ROMmon Release Supported for IOS XE
16.6.x	16.6(1r)	16.6(1r)
16.7.x	16.6(1r)	16.6(1r)
16.8.x	16.8(1r)	16.8(1r)
16.9.x	16.9(1r)	16.9(1r)
16.10.x	16.9(1r)	16.9(1r)
16.11.x	16.9(1r)	16.9(1r)
16.12.x	16.9(1r)	16.9(1r)

Cisco IOS XE Release	Minimum ROMmon Release Supported for IOS XE	Recommended ROMmon Release Supported for IOS XE
17.2.x	16.9(1r)	16.9(1r)
17.3.x	16.12(2r)	16.12(2r)
17.4.x	16.12(2r)	16.12(2r)
17.5.x	17.5(1r)	17.5(1r)
17.6.x	17.5(1r)	17.5(1r)

Note Starting from the following releases, the ROMmon image is not available for download on software.cisco.com:

- Cisco IOS XE Release 16.12.4 (16.x) onwards

- Cisco IOS XE Release 17.3.2 (17.x) onwards

Instead the ROMmon image is bundled along with the IOS XE image. When you install the IOS XE image, if the version of ROMmon bundled is higher than the existing version of ROMmon, an upgrade is performed automatically.

Note To boot a device running Cisco IOS XE software 17.5.x or later, it is mandatory that the ROMmon version is 16.9(1r) or later. If the ROMmon version of the device is earlier than or equal to 16.6(1r), then a manual upgrade to 16.12(1r) is required.