Overview

This chapter contains the following sections:

Introduction to Cisco 1000 Series Integrated Services Routers

The Cisco 1100 Series Integrated Services Routers (ISRs) are fixed branch routers based on the Cisco IOS XE Everest 16.6.2 operating system, multi-core Data Plane.

The two types of platforms supported on Cisco 1100 Series ISRs are 8-port and 4-port platforms.

The 8-port platforms are high-performance managed service provider and enterprise platforms having:

- 8-port integrated front panel switch ports

- Optional POE on LAN daughter card with support up to 4PoE/2PoE+ ports

- Optional WLAN support - 802.11ac WAVE 2

- 4G LTE-Advanced support with carrier aggregation

The 4-port platforms are midrange performance managed service provider platforms and enterprise platforms with the following specifications:

- 4-port integrated front panel switch ports

- VDSL2 and ADSL2/2+ support

- (Optional) PoE on LAN daughter card supporting 2PoE/1PoE+ ports

- (Optional) WLAN support - 802.11ac WAVE 2

- 4G LTE-Advanced support with carrier aggregation