

## **Overview**

This chapter contains the following sections:

• Introduction to Cisco 1000 Series Integrated Services Routers, on page 1

## **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

Introduction to Cisco 1000 Series Integrated Services Routers