CISCO™

Introduction

Overview

The Cisco Configuration Professional Express (Cisco CP Express) is an embedded, device-management tool that provides the ability to configure bootstrap configuration and provision an Industrial Integrated Services Router (IR).

This document explains how to use Cisco Configuration Professional Express (Cisco CP Express) Release 3.5 on the Cisco 800 Series Industrial Integrated Services Routers (IR807, IR809, and IR829).

Administrators use the Cisco CP Express Admin View for router administrative tasks such as setting up WAN uplinks, creating Virtual Local Area Networks (VLAN), IP routes, users, Dynamic Host Configuration Protocol (DHCP), and so on.

Cisco CP Express provides you two options to bring up a brand new router. You can use the Quick Setup Wizard to perform the basic configuration tasks and Advanced Setup option for detailed configuration options. For a brand new router Quick setup wizard is the preferred option.

Prerequisites

Software Requirements

For Cisco CP Express to be fully functional, you will need Cisco IOS Software Release 15.6.(3)M2.

Browser Requirements

Cisco CP Express is supported on these browsers:

- Mozilla Firefox 25 or later

- Google Chrome 30 or later

- Microsoft Internet Explorer 11 or later

- Safari 9.1

- Microsoft Edge Version 38

Memory Requirements

Cisco CP Express Admin View

To install the Cisco CP Express Admin View, you must have at least 20 MB of free space on the flash memory of the router. This space is required to hold the compressed *ccpexpressAdmin_3_5_en.tar* file, in addition to the host folder and extracted files.

Table 1 lists the Cisco CP Express Admin View files, and the minimum memory required to support them.

Table 1   Cisco CP Express Admin View File List

File/Folder Name	Size	Description
ccpexpressAdmin_3_5_en.tar	Approximately 8 MB on the router flash	Cisco CP Express Admin View application file

Supported Routers

Release 3.5 supports the following Cisco 800 Series Industrial Integrated Services Routers (IR829, IR809, and IR807).

IR829 SKU ID	Description
IR829GW-LTE-NA-AK9	Multimode Cisco LTE 2.0 for carriers operating in LTE 700 MHz (band 17), 1900 MHz (band 2 PCS), or 1700/2100 MHz (band 4 AWS) frequencies; backward-compatible with UMTS and HSPA+: 850 MHz (band 5), 900 MHz (band 8), 1900 MHz (band 2 PCS), and 1700/2100 MHz (band 4 AWS).
IR829GW-LTE-VZ-AK9	Multimode Cisco LTE 2.0 for carriers operating in LTE 700 MHz (band 13), 1700/2100 MHz (band 4 AWS), or 1900 MHz (band 25 extended PCS) frequencies; backward-compatible with EVDO Rev A/CDMA 1x BC0, BC1, BC10.
IR829GW-LTE-GA-EK9 IR829GW-LTE-GA-ZK9 IR829GW-LTE-GA-CK9 IR829GW-LTE-GA-SK9	Multimode Cisco LTE 2.0 for carriers operating in LTE 800 MHz (band 20), 900 MHz (band 8), 1800 MHz (band 3), 2100 MHz (band 1), or 2600 MHz (band 7) frequencies; backward-compatible with UMTS and HSPA+: 850 MHz (band 5), 900 MHz (band 8),1900 MHz (band 2), and 2100 MHz (band 1).
IR829-2LTE-EA-AK9	Dual Modem LTE for Canada
IR829-2LTE-EA-BK9	Dual Modem LTE for USA
IR829-2LTE-EA-EK9	Dual Modem LTE for Europe
IR829GW-LTE-LA-QK9	Single Modem LTE for Japan
IR829GW-LTE-LA-DK9	Single Modem LTE for India
IR829GW-LTE-LA-ZK9	Single Modem LTE for Australia/New Zealand
IR829GW-LTE-LA-KK9	Single Modem LTE for Korea
IR829GW-LTE-LA-SK9	Single Modem LTE for Hong Kong
IR829GW-LTE-LA-NK9	Single Modem LTE for Panama

IR809 SKU ID	Description
IR809G-LTE-NA-K9	Multimode 4G/3G/2G connectivity to cellular networks operating in LTE 1900 MHz (band 2 PCS), 1700/2100 MHz (band 4 AWS), 850 MHz (band 5), 700 MHz (band 17) and 1900 MHz (band 25 extended PCS) frequencies; backward-compatible with UMTS and HSPA+: 850 MHz (band 5), 900 MHz (band 8), 1900 MHz (band 2 PCS), and 1700/2100 MHz (band 4 AWS).
IR809G-LTE-VZ-K9	Multimode 4G/3G/2G connectivity to cellular networks operating in LTE 700 MHz (band 13), 1700/2100 MHz (band 4 AWS), or 1900 MHz (band 25 extended PCS) frequencies; backward-compatible with EVDO Rev A/CDMA 1x BC0, BC1, BC10.

IR809 SKU ID	Description
IR809G-LTE-GA-K9	Multimode 4G/3G/2G connectivity to cellular networks operating in LTE 800 MHz (band 20), 900 MHz (band 8), 1800 MHz (band 3), 2100 MHz (band 1), or 2600 MHz (band 7) frequencies; backward-compatible with UMTS and HSPA+: 850 MHz (band 5), 900 MHz (band 8),1900 MHz (band 2), and 2100 MHz (band 1).
IR809G-LTE-LA-K9	Multimode 4G/3G connectivity to cellular networks operating in FDD LTE 2100 MHz (band 1), 1800 MHz (band 3), 850 MHz (band 5), 2600 (band 7), 900 (band 8), 850 (band18, band19), 1500 (band 21), 700 (band 28) and TDD LTE 2600 (band 38), 1900 (band 39), 2300 (band 40) and 2500 (band 41); backward-compatible with WCDMA 2100 MHz (band 1), 850 MHz (band 5), 800 MHz (band 6, band 19), 900 MHz (band 8), 1700 MHz (band 9) and TD-SCDMA 1900 MHz (band 39).

IR807 SKU ID	Description
IR807G-LTE-NA-K9	Multimode 4G, 3G, and 2G connectivity to cellular networks operating in LTE 1900 MHz (band 2 PCS), 1700/2100 MHz (band 4 AWS), 850 MHz (band 5), 700 MHz (band 12), 700 MHz (band 17), 1900 MHz (band 25 extended PCS), and 850 MHz (band 26 extended CLR) frequencies; backward-compatible with UMTS and HSPA+ 850 MHz (band 5), 1900 MHz (band 2 PCS), and 1700/2100 MHz (band 4 AWS) and CDMA BC0, BC1, and BC10.
IR807G-LTE-VZ-K9	4G connectivity to cellular networks operating in LTE 700 MHz (band 13) and 1700/2100 MHz (band 4 AWS).
IR807G-LTE-GA-K9	Multimode 4G, 3G, and 2G connectivity to cellular networks operating in LTE 800 MHz (band 20), 900 MHz (band 8), 1800 MHz (band 3), 2100 MHz (band 1), and 2600 MHz (band 7) frequencies; backward-compatible with UMTS and HSPA+ 900 MHz (band 8) and 2100 MHz (band 1) and EDGE/GSM/GPRS 900 MHz and 1900 MHz.

Related Documentation

You can find all of the IR800 series documentation here:

http://www.cisco.com/c/en/us/support/routers/800-series-industrial-routers/tsd-products-support-series-home.html

Cisco Configuration Professional Express Quick Start Guide:

http://www.cisco.com/c/en/us/td/docs/routers/access/800/829/software/cisco_configuration_professional_express/v3_5/guides/quickstart/CiscoCPExpress_qsg.html

Release Notes for Cisco Configuration Professional Express 3.5

https://www.cisco.com/c/en/us/td/docs/routers/access/800/829/software/cisco_configuration_professional_express/v3_5/guides/release-notes/ccp-express-rn-3-5.html

Cisco Configuration Professional Express 3.5 Feature Guide

https://www.cisco.com/c/en/us/td/docs/net_mgmt/cisco_configuration_professional_express/v3_5/guides/featureguide/ccp_express_Feature_Guide_3_5.html

Prerequisites