

Cisco ASR 901 Essentials (A901E)

Length: 3-day Workshop

This is an instructor-led, hands-on course that is delivered either in person or virtually using the Cisco WebEx® collaboration tool. When delivered virtually, the course takes place over five half

This instructor-led course introduces you to the features and functions of the Cisco® ASR 901 Series platform. Through a combination of lecture and hands-on labs, you will gain an understanding of the major aspects of the platform, including hardware, software, Layer 2 services, and management features. This training is based on Cisco IOS® Software Release 15.2(2)SNG for the Cisco ASR 901.

You will learn to:

- List and describe features, benefits, and functions of Cisco ASR 901 Series routers
- Describe each of the hardware components and perform hardware maintenance on the Cisco ASR 901
- List and describe the architecture, features, and functions of the hardware elements of the fixed-configuration Cisco ASR 901 router
- Explain the Cisco ASR 901 operating system and functionality
- Install software on a Cisco ASR 901 Series router
- Configure Ethernet interfaces on the Cisco ASR 901 router using the Cisco Ethernet Virtual Circuit command line interface
- Configure T1/E1 controllers and serial and MLPPP interfaces on the Cisco ASR 901 router

Recommended for:

This course is for technical professionals who need to know how to implement Cisco ASR 901

Series routers in their 3G or 4G mobile backhaul network environment. The following are considered the primary audience for this course:

- Technical support personnel
- System engineers

Prerequisites:

Following are the prerequisites for this course:

- Attend the Interconnecting Cisco Network Devices (ICND) course or equivalent experience
- Knowledge of Cisco IOS Software commands
- Knowledge of Layer 2 IEEE switching and related protocols