



Cisco Networking Academy  
Mind Wide Open

# Mobility Fundamentals Series

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# Mobility Fundamentals Overview

## About the Mobility Fundamentals Series

Wireless and mobility technology skills are essential for a career in networking in the age of the Internet of Everything. This series complements the skills taught in the Cisco CCNA Routing & Switching courses and enables learners to acquire foundational wireless skills and knowledge.

This community-developed series of modules covers the following topics :

- Wireless Technology Concepts
- Wireless LAN Design, Configuration and Troubleshooting
- Mobility Applications

## Series Features

- Several modules of multimedia content including a mixture of text and video recordings from the NetAcad instructor community
- Interactive learning activities, including Packet Tracer activities
- Assessments including module quizzes
- Estimated time to complete: 1 hour / module
- Certificate of Completion after each module
- Self-paced

## Target Audience

- Current IT Essentials students or Cisco CCNA Routing & Switching students seeking additional mobility and wireless technology skills
- Learners with basic IP networking knowledge interested in learning more about the Internet of Everything



## Series Availability

- Language: English
- Prerequisites : IT Essentials or Cisco CCENT-level networking knowledge and skills
- Individual modules released quarterly

# Mobility Fundamentals Learning Goals

Mobility Fundamentals helps students:

- Understand wireless networking technology basics
- Configure Wireless LAN components
- Understand Wireless LAN security
- Design mobile networks and set up home Internet access
- Understand mobile networking applications, like BYOD



# Wireless Technology Standards

## About Wireless Technology Standards

In Module 1, Cisco IT Systems Engineer, Bogdan Doinea takes you through the evolution of wireless communications and explains the standards and technologies that enable the mobile phenomenon that impacts the way we work, learn and play.



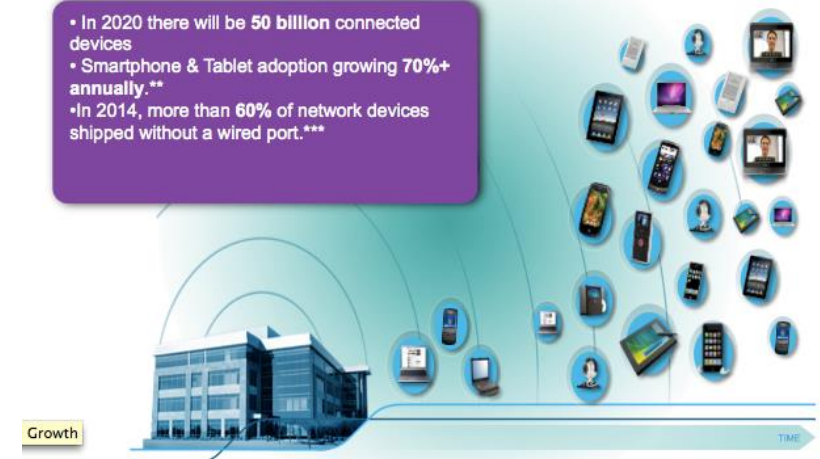
- 1.5 hour of content with video recording
- Quiz
- Certificate of Completion

## Learning Outcomes:

- Understand Wireless Technologies
- Understand Wireless LAN Standards

## Explosive Mobile Device Growth

- In 2020 there will be 50 billion connected devices
- Smartphone & Tablet adoption growing 70%+ annually.\*\*
- In 2014, more than 60% of network devices shipped without a wired port.\*\*\*



Thank you.



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