

Ruckus Training and Certification

Technical training and certification for partners and customers

Ruckus Wireless offers product training to solution partners and end customers at various world-wide locations and through flexible delivery methods. Network professionals will learn about Ruckus wireless technologies, wireless network design, deployment (installation and configuration), management, and troubleshooting. After completing training, students may also obtain knowledge certification by passing an exam that tests their understanding of the content and skills learned.

Technical training

Technical training courses are available for Ruckus products including ZoneFlex access points and bridges, ZoneDirector controllers, and the FlexMaster network management system.

Learning formats

Courses may be available as instructor-led classes and/or web-based online training through our online learning management system.

Instructor-led training courses are delivered in a classroom setting with live lectures and hands-on lab exercises. Students receive an ideal learning experience through direct interaction with a qualified instructor and access to Ruckus lab equipment. Classes are offered by Ruckus Wireless and via Ruckus Authorized Training Partners. Instructor-led classes may be offered at Ruckus Wireless training facilities, on-site at customer premises, at special regional events, and through a number of Ruckus Authorized Training Partners (ATPs) worldwide.

Self-paced courses enable access to training content via the Internet. Students use a Web browser-based interface that delivers pre-recorded presentations and lab exercises using their own equipment. This is an excellent training alternative for those who have limited travel and training budgets. As an additional benefit, the courseware can be accessed by students at their convenience and in their desired locations.



Available courses

The following courses are available:

Course Code	Course Name	Delivery Format
ZF101	Introduction to Ruckus Wireless Technologies	Online (Free)
ZF201	ZoneDirector Installation & Management — Level 1	Classroom, Online
ZF202	ZoneDirector Installation & Management — Level 2	Classroom, Online
ZF301	FlexMaster Installation and Management	Classroom, Online

*Training Schedule: <http://support.ruckuswireless.com/training/schedule>

Certification program

The Ruckus certification program is designed to recognize individuals with a proven understanding of Ruckus technology concepts, design and deployment practices, administration, and troubleshooting.

Ruckus Certified Network Administrator (RCNA)

RCNA certification ensures that you have the necessary skills to deploy, administer, and support wireless network deployments consisting of ZoneDirector controllers and ZoneFlex Access Points.

Ruckus Wireless Solutions Engineer (WiSE)

WiSE is our top-level certification. It ensures that you have the necessary skills to design, deploy, manage, and support robust wireless networks consisting of a range of Ruckus smart Wi-Fi products, including ZoneDirector controllers and the FlexMaster network management system.



Ruckus Training and Certification

Introduction to Ruckus Wireless Networking

Intended audience

Wireless networking professionals (network managers, systems engineers, support personnel) who wish take the ZoneDirector Installation and Management — Level 1 course.

Course objectives

- Introduce Ruckus Wireless (the company)
- Present Ruckus core technology concepts
- Present Ruckus product lines

Course contents

- Ruckus company background

- Core technologies: BeamFlex, SmartCast, SmartSec, Smart Mesh
- Products: MediaFlex, ZoneFlex, ZoneDirector, FlexMaster



Delivery options

- ZF101S (self-paced online training): 2 Hours

Pre-requisites

- Basic understanding of Wi-Fi technology concepts

ZoneDirector Installation and Management — Level 1

Intended audience

Wireless networking professionals (network managers, systems engineers, support personnel) who wish to learn how to install Ruckus ZoneDirector controllers to manage ZoneFlex APs and configure basic-level features.

Course objectives

- Learn about the ZoneFlex WLAN system
- Learn about ZoneDirector controller and ZoneFlex AP hardware models
- Learn how to install a ZoneDirector to manage ZoneFlex APs
- Learn how to access the ZoneDirector WebUI and CLI
- Learn how to provision WLAN services
- Learn how to configure user authentication
- Learn how to deploy Zero-IT Activation and Dynamic PSK security
- Learn how to perform ZoneDirector system administration

Course contents

- Product and Features Overview
- Hardware Overview

- Initial System Installation
- WebUI and CLI Introduction
- Dashboard Tab
- Monitor Tab
- Basic Wireless LAN Configuration
- User Authentication
- Zero-IT and Dynamic PSK Deployment
- System Settings and Administration
- Administrator Authentication
- Configuration Backup and Restore



Delivery Options

- ZF201C (instructor-led classroom-based training): 1 Day
- ZF201S (self-paced online training): 8 Hours

Pre-requisites

- Understanding of layer-2, layer-3, and TCP/IP networking
- Understanding of Wi-Fi networking fundamentals

Ruckus Training and Certification

ZoneDirector Installation and Management — Level 2

Intended audience

Wireless networking professionals (network managers, systems engineers, support personnel) who wish to learn how to deploy more advanced ZoneDirector features and troubleshoot wireless network issues.

Course objectives

- Learn about the various network topology options
- Learn how to configure advanced WLAN security options
- Learn how to deploy captive portal services
- Learn how to deploy wireless mesh networking
- Learn how to deploy fault tolerant ZoneDirector controllers
- Learn how to troubleshoot WLAN connectivity and performance issues

Course contents

- Advanced Features Overview
- Advanced WLAN Options and Security
- Layer-3 AP Deployment
- System Setup
- L3/4 ACL Configuration

- Time-based WLAN Configuration
- Guest Access Captive Portal Configuration
- WISPr Hotspot Captive Portal Configuration
- SSL Certificate Management
- Mesh Network Deployment
- Smart Redundancy
- Troubleshooting



Delivery Options

- ZF202C (instructor-led classroom-based training): 1 Day
- ZF202S (self-paced online training): 8 Hours

Pre-requisites

- Understanding of layer-2, layer-3, and TCP/IP networking
- Understanding of Wi-Fi networking fundamentals
- Topics covered in the "ZoneDirector Installation and Configuration – Level 1" course

FlexMaster Installation and Management

Intended audience

Wireless networking professionals (network managers, systems engineers, support personnel) who wish to learn how to install and use the Ruckus FlexMaster network management system.

Course objectives

- Understand FlexMaster features and functions
- Install the FlexMaster server software
- Manage and provision Ruckus devices using FlexMaster
- Administer FlexMaster server system settings and software

Course contents

- FlexMaster Overview
- FlexMaster Installation
- FlexMaster WebUI
- FlexMaster Server Discovery
- Inventory Management

- Device Monitoring
- SpeedFlex
- Dashboard
- FlexMaster URL Provisioning
- Standalone AP and ZoneDirector Provisioning
- Firmware Management
- FlexMaster Reports
- System Administration

Delivery options

- CZF301C (instructor-led classroom-based training): 1 Day
- ZF301S (self-paced online training): 8 Hours

Pre-requisites

- Understanding of layer-2, layer-3, and TCP/IP networking
- Understanding of Wi-Fi networking fundamentals
- Topics covered in the "ZoneDirector Installation and Configuration – Level 1" course



Ruckus Training and Certification

Ruckus Certified Network Engineer (RCNA)

Intended audience

Wireless networking professionals (network managers, systems engineers, support personnel) who wish to obtain Ruckus technical certification for ZoneDirector controllers and ZoneFlex APs.

Knowledge and skills tested

- ZoneFlex WLAN system concepts and features
- ZoneDirector installation, configuration, monitoring, administration, and troubleshooting

Pre-requisites

Certification candidates should have completed the following training or have equivalent technical proficiency:

- Course ZF101 - Introduction to Ruckus Wireless Technologies
- Course ZF201 – ZoneDirector Installation and Management - Level 1
- Course ZF202 – ZoneDirector Installation and Management - Level 2

Exam format

- 60 minute online test
- 40 multiple choice questions
- Minimum passing score: 75%
- Certification valid for: 2 years



Ruckus Wireless Solutions Engineer (WiSE)

Intended audience

Wireless networking professionals (network managers, systems engineers, support personnel) who wish to obtain top-level Ruckus technical certification for ZoneDirector controllers, ZoneFlex APs, and FlexMaster network management system.

Knowledge and skills tested

- ZoneFlex WLAN system concepts and features
- ZoneDirector installation, configuration, monitoring, administration, and troubleshooting
- FlexMaster management system installation and configuration

Pre-requisites

Certification candidates should have completed the following training or have equivalent technical proficiency:

- Course ZF101 - Introduction to Ruckus Wireless Technologies
- Course ZF201 – ZoneDirector Installation and Management - Level 1
- Course ZF202 – ZoneDirector Installation and Management - Level 2
- Course ZF301 – FlexMaster Installation and Management

Exam format

- 90 minute online test
- 60 multiple choice questions
- Minimum passing score: 75%
- Certification valid for: 2 years



Registration

- <http://support.ruckuswireless.com/training/schedule>
- E-mail: training@ruckuswireless.com

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