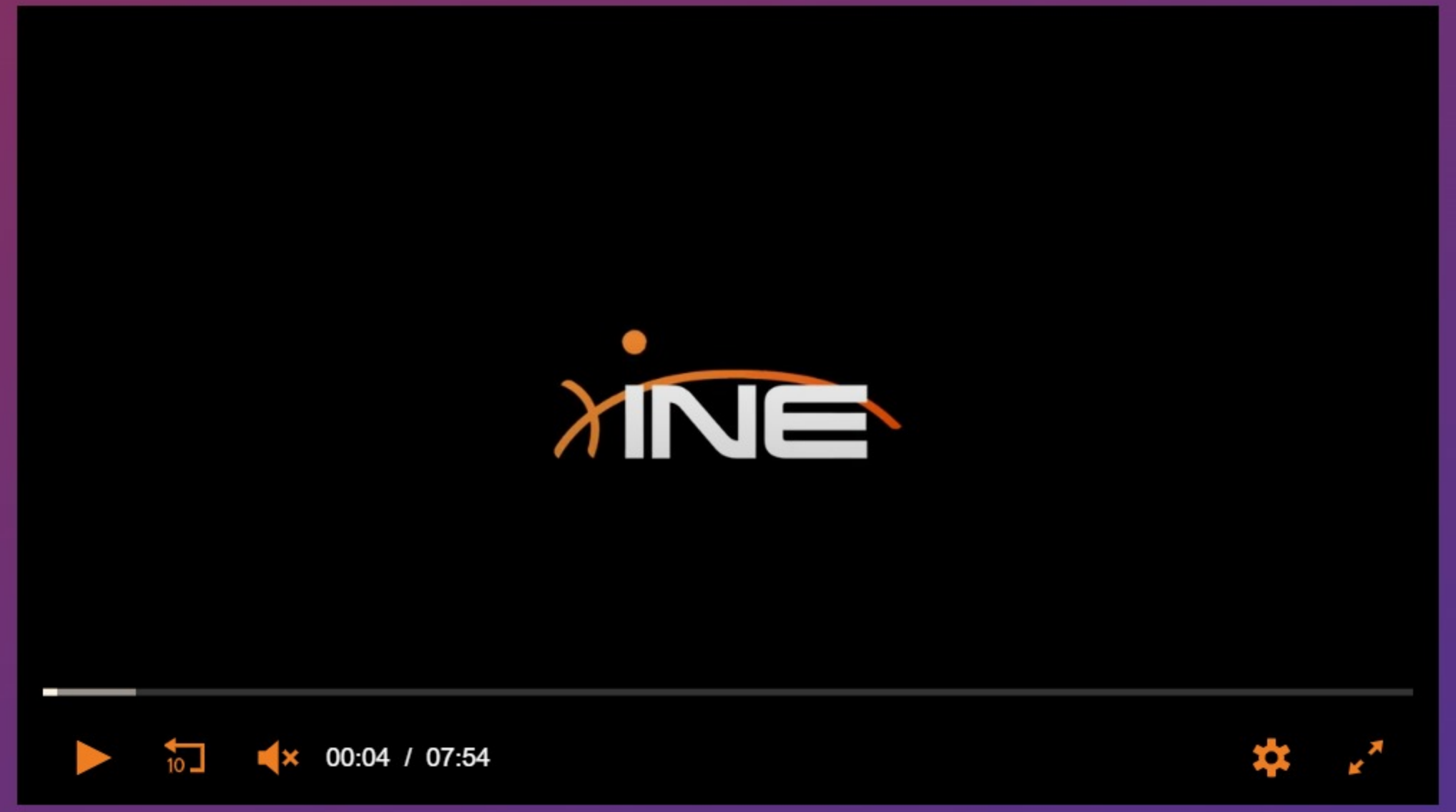


CISCO

Getting There with Wireless Mobility & Roaming

Getting There with Wireless Mobility and Roaming is a professional-level course designed for Wi-Fi engineers seeking to deepen their understanding of seamless client mobility in enterprise environments. With a focus on Cisco Access Points and Catalyst 9800 Wireless LAN Controllers, this course goes deep into Wi-Fi roaming theory and optimization techniques. It also includes lab demonstrations and packet capture analysis to show how clients discover, authenticate, and transition between APs. Learners explore key concepts, including Layer 2 vs. Layer 3 roaming, mobility groups and tunnels, fast secure roaming mechanisms (such as 802.11r, OKC, 802.11v, and legacy methods), as well as monitoring tools and best practices for optimizing performance. Through detailed explanations, lab demonstrations, and detailed packet captures, participants gain the expertise needed to implement and analyze roaming in Cisco-based wireless networks.



+ Add



Keith Bogart
CCIE #4923

8h 32m

11 CPE Credits

Advanced

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Resume

Welcome

Jump to category

Overview

Activities: 1

0/1 items finished

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Getting There with Wireless Mobility & Roaming Overview
7m 54s

Start video

Roaming Basics & Categories

Roaming Basics

Activities: 6

0/6 items finished

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What is Roaming?
30m 14s

Start video

Test your knowledge: What is Roaming?
6 questions

Start quiz

Categories of Wireless Roaming
16m 25s

Start video

Test your knowledge: Categories of Wireless Roaming
6 questions

Start quiz

Intra-Controller Roaming
11m 35s

Start video

Test your knowledge: Intra-Controller Roaming
6 questions

Start quiz

Inter-Controller Roaming

Activities: 7

0/7 items finished

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Cisco Catalyst 9800 Mobility Groups
27m 4s

Start video

Test your knowledge: Cisco Catalyst 9800 Mobility Groups
6 questions

Start quiz

Wireless Mobility Tunnel Configuration
Networking

Start lab

Contrasting Mobility Group Performance
10m 4s

Start video

Test your knowledge: Contrasting Mobility Group Performance
6 questions

Start quiz

Layer-3 Inter-Controller Roaming
23m 55s

Start video

Test your knowledge: Layer-3 Inter-Controller Roaming
6 questions

Start quiz

Reducing Roaming Latency

Overview of Roaming Latency

Activities: 2

0/2 items finished

[Hide details](#)

Roaming Latency Factors
17m 29s

Start video

Test your knowledge: Roaming Latency Factors
6 questions

Start quiz

Optimizing Access Point Selection

Activities: 6

0/6 items finished

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Cisco Compatibility Extensions (CCX)
11m 27s

Start video

Test your knowledge: Cisco Compatibility Extensions (CCX)
5 questions

Start quiz

Discover Your Neighbors with 802.11k
22m 6s

Start video

Test your knowledge: Discover Your Neighbors with 802.11k
6 questions

Start quiz

802.11v: It's Time to Move On
15m 31s

Start video

Test your knowledge: 802.11v: It's Time to Move On
6 questions

Start quiz

Optimizing Roaming Authentication

Activities: 14

0/14 items finished

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The Robust Security Network
28m 39s

Start video

Test your knowledge: The Robust Security Network
6 questions

Start quiz

Cisco Centralized Key Management (CCKM)
8m 7s

Start video

Test your knowledge: Cisco Centralized Key Management (CCKM)
4 questions

Start quiz

Opportunistic Key Caching (OKC)
9m 5s

Start video

Test your knowledge: Opportunistic Key Caching (OKC)
6 questions

Start quiz

Sticky Key Caching
11m 34s

Start video

Test your knowledge: Sticky Key Caching
6 questions

Start quiz

Understanding 802.11r (Fast BSS Transition)
26m 24s

Start video

Test your knowledge: Understanding 802.11r (Fast BSS Transition)
6 questions

Start quiz

Fast Transition Modes
13m 4s

Start video

Test your knowledge: Fast Transition Modes
4 questions

Start quiz

Configuring & Verifying Fast BSS Transition
16m 6s

Start video

Test your knowledge: Configuring & Verifying Fast BSS Transition
5 questions

Start quiz

Goodbye

Summary

Activities: 1

0/1 items finished

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Getting There with Wireless Mobility & Roaming Summary
5m 59s

Start video

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