

Session Initiation Protocol (SIP) Essentials

Price: 2795

Duration: 5 days

Delivery Methods: Virtual

Overview

Session Initiation Protocol (SIP) is the protocol uniting every communication management suite, be it Cisco Call Manager, Avaya Session and Communication Manager, Avaya IP Office, Oracle Session Border Controllers, Ericsson IMS cores, Asterisk, ShoreTel and Mitel products. You'll make live call analyses with Wireshark and TCPDump. Via the PCAPs you create, as well as those accessed from an extensive library of premade captures, you'll have no problems understanding why SIP makes the phone ring, how RTP carries real time voice and video, or troubleshooting and identifying errors.

Objectives

- Learn SIP protocol and related protocols including RTP, RTCP, DNS and more
- Differences in RFC 2543 and RFC 3261
- Overview of relevant RFCs
- Using Wireshark in SIP
- Deploying a SIP proxy and SIP UA
- SIP Troubleshooting
- Audio Troubleshooting
- AI LLM prompt engineering for relevant configuration snippets and solutions

Course Schedule

Date	Time	Price	Options
07/06/2026	09:00 AM - 05:00 PM CT	2,795.00	Buy Now Enroll

Date	Time	Price	Options
11/30/2026	09:00 AM - 05:00 PM CT	2,795.00	Buy Now Enroll
09/14/2026	09:00 AM - 05:00 PM CT	2,795.00	Buy Now Enroll

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FAQ

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What is your late policy?

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What happens when I finish my class?

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