

SIP Essentials Training

Alta3 Research Authorized Training · Applied Technology Academy

In this course, students learn Session Initiation Protocol and important protocols related to SIP implementations. This course thoroughly explains what SIP is, how it works, and provides a practical guide on how to use it.

LEVEL Intermediate	DURATION 5 Days	EXPERIENCE 2 years: Networking	AVERAGE SALARY \$77,577	LABS Yes
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Course Overview

The lessons in this course are clear and very technical. In this course, students will examine how SIP interoperates in the current telecommunications network, going beyond the basics of the protocol and getting a big picture understanding of how it all fits together. This course is a vendor-agnostic study of Session Initiation Protocol designed for the person that must make SIP work.

Course Outline

- 1. SDN Introduction
- 2. NFV Practical Application
- 3. NFV
- 4. NFV Commands
- 5. OpenFlow
- 6. Open vSwitch
- 7. OpenFlow Controller
- 8. NETCONF and YANG
- 9. OpFlex
- 10. Introduction to OpenDaylight
- 11. SAL
- 12. OpFlex
- 13. SAL
- 14. Overlays and Underlays
- 15. OpenStack Neutron Networking
- 16. Writing an Application Using OpenDaylight
- 17. ONOS Controller
- 18. Securing SDN

Intended Audience

Any company or individual who wants to advance their comprehension of VoIP and SIP.

Prerequisites

None required

Follow-On Courses

- Deploying 5G
- VoLTE and the IMS
- Certified Kubernetes Application Developer (CKAD)

Ready to enroll? Call 800.674.3550 or email Info@AppliedTechAc.com — private team cohorts, GSA MAS purchasing, military credentialing funding, VA GI Bill and VR&E and student financing available.