



PRODUCT CODES

Onsite Instructor-Led: 300-00418

Self-Paced eLearning: 320-00021

Advanced SandScript for Maestro Policy Engine

COURSE OVERVIEW

SandScript is the event-based programming language used to define control plane rules on the Maestro Policy Engine. In this lab-based course, you will learn how to write SandScript on the Maestro Policy Engine. This will enable you to design and write control plane policies.

Modality	Hands-on Labs?	Intended Audience / Roles	Duration (Instructor-Led)	Prerequisites
Onsite Exclusive (Instructor-Led)	Yes	<ul style="list-style-type: none"> Use Case Deployment Engineer Field Engineer 	3 Days	<ul style="list-style-type: none"> ANI Essentials Prior Coding/Scripting Experience
Self-Paced eLearning (video-based)				

Course Content

The course will cover the following topics:

- The Maestro Policy Engine architecture, the rule engine and events and how it relates to SandScript
- SandScript syntax: rules, conditions, actions and scope
- Understanding policy tables, timers, user defined functions, maps, measurements and classifiers
- Subscriber and Session Management
- SandScript for subscriber provisioning and user plane controller, including processing usage and notifications reported by ActiveLogic
- Processing events from the text input subsystem
- Generating HTTP requests and processing responses using the HTTP Client Subsystem

- Creating log files using the Logging Subsystem
- Calling SandScript functions remotely using the Policy Engine REST service
- Testing and debugging SandScript and best practices.

Also Consider:

- ANI Essentials (Prerequisite for this course)
- Installing & Configuring ANI
- Troubleshooting ANI
- Advanced Shaping for ANI
- Policy Enforcement for ANI
- Subscriber Mapping for ANI

If you have any questions about Sandvine's Education Services or courses, contact learning@sandvine.com.

ABOUT SANDVINE

Sandvine's cloud-based Application and Network Intelligence portfolio helps customers deliver high quality, optimized experiences to consumers and enterprises. Customers use our solutions to analyze, optimize, and monetize application experiences using contextual machine learning-based insights and real-time actions. Market-leading classification of more than 95% of traffic across mobile and fixed networks by user, application, device, and location creates uniquely rich, real-time data that significantly enhances interactions between users and applications and drives revenues. For more information visit <http://www.sandvine.com> or follow Sandvine on Twitter @Sandvine.



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