Advanced Shaping for ANI

PRODUCT CODES

Onsite Instructor-Led: 300-00415
Self-Paced eLearning: 320-00020

COURSE OVERVIEW

In this lab based course, the student will gain the necessary theoretical and practical understanding of ANI's shaping functionality, including that necessary to deploy Sandvine's Fair Usage and Congestion Management and other use cases where shaping is key. You will learn how to design, configure and monitor shapers in ActiveLogic. You will also learn how to configure the Maestro Policy Engine to control shaping behaviour based on control plane information.

Modality	Hands-on Labs?	Intended Audience / Roles	Duration (Instructor-Led)	Prerequisites
Onsite Exclusive (Instructor-Led) **Self-Paced eLearning (video-based)**	Yes	• Use Case Deployment Engineer • Field Engineer	2 Days	• ANI Essentials

Course Content

The course will cover the following topics:

- Simple Shaping
- Priority Based Shaping
- Weighted Fair Queuing Shaping
- Split-By Shaping
- Shaping with Borrowing
- Fair Split Shaping
- Setting Shaper rates based on session context columns
- Setting shaper rates using Object Provisioning (secondary schema)
- The Maestro Policy Engine Policy-Engine REST API
- Monitoring shaper operations in LiveView, System Diagnostics, CLI and Elements

Also Consider:

- ANI Essentials (Prerequisite for this course)
- Installing & Configuring ANI
- Troubleshooting ANI
- Advanced SandScript for Maestro Policy Engine
- Policy Enforcement for ANI
- Subscriber Mapping with ANI

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

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**.

USA
5800 Granite Parkway
Suite 170
Plano, TX 75024
USA

EUROPE
Svärdfiskgatan 4
432 40 Varberg,
Halland
Sweden
T. +46 340.48 38 00

CANADA
410 Albert Street,
Suite 201, Waterloo,
Ontario N2L 3V3,
Canada
T. +1 519.880.2600

ASIA
RMZ Ecoworld,
Building-1, Ground Floor,
East Wing Devarabeesanahalli,
Bellandur, Outer Ring Road,
Bangalore 560103, India
T. +91 80677.43333