BERLIN, GERMANY
OCTOBER 24-26, 2016

Kamailio SIP Server Advanced Training

THE BEST OPEN SOURCE SOLUTION FOR HANDLING CARRIER GRADE SIP TRAFFIC

Kamailio (former OpenSER) is a robust open source SIP Server implementation. Starting with version 3.0.0, it allows to blend the features of Kamailio and SIP Express Router (SER) in the same instance. In 2009, Kamailio was awarded **Best of Open Source Networking Software by InfoWorld Magazine**.

TRAINER: DANIEL-CONSTANTIN MIERLA

Daniel started to work with SIP Express Router (SER) from its early beginning in 2002. In 2005 he co-founded Kamailio (OpenSER), being the leader of the project, involved in development as well as in management. Daniel is a frequent speaker at VoIP and Open Source events world wide, advocating SER and Kamailio, publishing articles about real time communication technologies. He has over 12 years of hands on expertise and teaching experience.

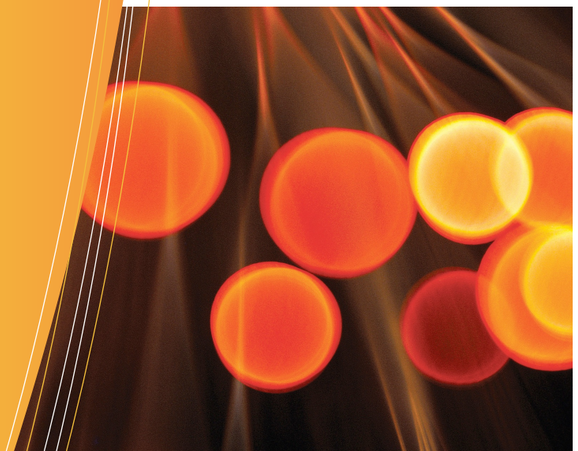
http://www.kamailio.org/w/daniel-constantin-mierla/

ATTENDEE REQUIREMENTS

- GOOD KNOWLEDGE OF LINUX
- GOOD KNOWLEDGE OF SIP AND VOIP
- SPOKEN ENGLISH
- NOTEBOOK WITH LINUX (VIRTUAL MACHINE)

ON SITE LOGISTICS

- ON REQUEST, COMPUTER FOR LABS
- LAB ENVIRONMENT WITH NETWORK INFRASTRUCTURE, INTERNET, WIFI, SERVER, SIP PHONES
- WHITE BOARD, PROJECTOR, PRINTED MATERIALS AND STUDENT KIT
- BREAKS WITH COFFEE, SNACKS, BEVERAGES AND LUNCH



COURSE STRUCTURE

DAY 1:

- Kamailio Architecture
- VoIP and SIP routing
- Config file structure and language
- Authentication, Authorization, Accounting
- Labs: Installation; AAA

DAY 2:

- Traffic dispatching
- Load balancing
- Least cost routing
- Prefix based routing - DID, ENUM
- SIP Peering and trunking
- Labs: Load Balancing; Least Cost Routing

DAY 3:

- High Availability, Redundancy
- Security: topology hiding, flooding detection
- Traffic shaping
- Labs: High Availability, Traffic Shaping

NOTE: first day starts at 10:00am, last day ends at 4:30pm, otherwise the start is at 9:00am and the end at 5:30pm, includes several short breaks for coffee and one longer for lunch. Lunch is provided by the organizers, included in the price of the training.

flexible routing for your sip and voip traffic

BENEFITS

After completing the class, you will be able to setup and maintain a carrier grade SIP platform, offering secure peering, trunking, high availability, redundancy, load balancing and least cost routing, backed up by a Kamailio for Carriers Administrator certificate.

The training is more than a teaching event, offering you the chance to meet people that developed the technology and network with other companies acting on communications market.

You can bring your equipment if you want to test it during the labs and you can rise your own topics within the open discussion panels.

Being an advanced class, the focus is on practice, during the labs the target is to build real world scenarios.

The class is run on the latest stable version, the 4.4.x series. More details about what is new in this version can be found at:
- http://www.kamailio.org

In 2016, Kamailio celebrates 15 years of development, proving that it has succeeded to become a reliable and well established project. .

ORGANIZERS

The training is organized by Asipto:

- http://www.asipto.com

REGISTRATION

email: office@asipto.com
web: http://www.asipto.com
tel: +49 174 5434030

PRICE

Up to Oct 14, 2016:
€1540 + 19% VAT

Up to Oct 22, 2016:
€1790 + 19% VAT

ABOUT KAMAILIO

Kamailio started in 2005 (under name OpenSER) as a fork of SIP Express Router (SER), becoming one of leading open source SIP servers. Shortly after renaming to Kamailio in 2008 due to trademark issues, the project restarted the collaboration with SER in order to provide a solid and reliable development environment. Kamailio is used world wide by providers with millions of active phones, routing billions of minutes per month. Read more at: http://www.kamailio.org

ABOUT ASIPTO

Asipto is a German based company focusing on professional services and solutions built around Kamailio (OpenSER) and SIP Express Router (SER). The team is led by two co-founders of Kamailio Project. Read more about at: http://www.asipto.com

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