



Telepath 2900 SUA configuration

Advanced Operator Course (AOC)

Telepath SUA is practical training course, which is bringing all necessary information needed to configure Acision xUA stack using SUA protocol. Also it's bring practical training configuration, including SCTP, ASP, AS configuration, interconnection between xUA stack and Telepath MN-IF and also basic diagnostic and troubleshooting.

Duration

3 days (9am–5pm, change on request)

Objectives

On completion of the course participants will have gained an understanding of the:

- SIGTRAN SUA theory
- Acision SS7 stack features
- Configuration of MN-IF
- Diagnostic of possible problems

Intended audience

The course is intended for all who wants to understand how Telepath communicate with Acision SS7 stack and diagnose of network errors.

Prerequisites

Telepath 2900 BOC training (or 1 year of experience with TP 2900), basic linux/unix experience is required. Experience with SS7/SIGTRAN, GT routing configuration, PC routing is welcome.

Location

The course can be given at our Acision Training Centres:

- Brno, The Czech Republic
- Kuala Lumpur, Malaysia
- Sao Paulo, Brasil
- Plano, Texas, USA

Private courses can also be given at a customer site.

Class size

8 seats are available

Course schedule and registration

For more information or to enrol for a course, contact your Acision Project or Account Manager.

If you have any further training queries, contact the Product Training Department at training@acision.com

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Email: contact@acision.com



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Advanced Operator Course Outline

Day 1

SCTP protocol (60 min)

- How works SCTP protocol, limitations, possible problems.

M3UA protocol (60 min)

- structure, usage, AS, ASP, communication

xUA stack structure (30 min)

- structure, usage, AS, ASP, communication

SGG file (30 min)

- How to configure SGG

Single connection configuration (90 min)

- Configure TP 2900 xUA stack to establish SCTP connection & troubleshoot

Enable M3UA (30 min)

- Set system to use M3UA & troubleshoot

Routing Key file (30 min)

- Configuration of RK

Finish M3UA connection (30 min)

- Finishing of M3UA connectivity & troubleshooting

Day 2

MTP3 theory (60 min)

- What is PC, how works PC routing

SCCP theory (60 min)

- What is GT, what is SSN, how works GT routing

GTT routing file (30 min)

- Structure of GTT routing file

Configure GTT (30 min)

- GTT routing table configuration & troubleshoot

PC mapping file (30 min)

- Structure of PC mapping file

Configure PC routing (30 min)

- PC mapping file configuration & troubleshoot

GT mapping file (30 min)

- Structure of GT mapping file

Configure GT routing (30 min)

- GT mapping file configuration & troubleshoot

Overload protection (30 min)

- How works overload protection

Configure overload protection (30 min)

- Overload protection configuration

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Day 3

Main configuration file (60 min)

- License, section, content

IPM (30 min)

- What is IPM, where it's configured in TP 2900 and in xUA stack

IPM configuration (60 min)

- Configure IPM & troubleshoot

Hands-on (210 min)

- Multiple SGG configuration
- Multiple SG configuration
- Multiple PC configuration
- Multiple RK configuration
- Multiple MN-IF configuration

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