

Total sFlow for engineers

A 1 day **Hands on** training course



Description

A comprehensive hands on course covering sFlow. The course starts with the basics of flows moving swiftly onto configuring sFlow and studying the information it provides.



Key outcomes

By the end of the course delegates will be able to:

- ✓ Describe sFlow.
- ✓ Configure generators and collectors.
- ✓ Recognise how sFlow can be used.
- ✓ Describe the issues in using sFlow.
- ✓ Compare SFlow with SNMP and NetFlow.



Training approach

This structured course uses Instructor Led Training to provide the best possible learning experience. Small class sizes ensure students benefit from our engaging and interactive style of teaching with delegates encouraged to ask questions throughout the course. Quizzes follow each major section allowing checking of learning. Hands on sessions are used throughout to allow delegates to consolidate their new skills.



Details

Who will benefit?

Technical staff working with sFlow.

Prerequisites

TCP/IP foundation for engineers.

Duration: 1 day

Customer rating: New course

Generic training



Generic training compliments product specific courses covering the complete picture of all relevant devices including the protocols "on the wire".

"Friendly environment with expert teaching that teaches the why before the how."
G.C. Fasthosts

Small class sizes



We limit our maximum class size to 8 delegates; often we have less than this. This ensures optimal interactivity between delegates and instructor.

"Excellent course. The small class size was a great benefit..."
M.B. IBM

Hands On training



The majority of our courses use hands on sessions to reinforce the theory.

"Not many courses have practice added to it. Normally just the theoretical stuff is covered."
J.W. Vodafone

Our courseware



We write our own courses; courseware does not just consist of slides and our slides are diagrams not bullet point text.

"Comprehensive materials that made the course easy to follow and will be used as a reference point."
V.B. Rockwell Collins

Customise your course



Please contact us if you would like a course to be customised to meet your specific requirements. Have the course your way.

"I was very impressed by the combination of practical and theory. Very informative. Friendly approachable environment, lots of hands on."
S.R. Qinetiq

Total sFlow for engineers

Course content

What is sFlow?

Where to monitor traffic. Packet based sampling, Time based sampling. Adaptive sampling. Flow samples, Counter samples.
Hands on: Wireshark flow analysis.

Getting started with sFlow

sFlow configuration. Enabling sFlow. Per interface.
Hands on: Accessing sFlow data using the CLI.

sFlow architecture

sFlow agents and collectors. When flows are exported. Distributed sFlow architecture, subagents. sFlow reporting products. SolarWinds.
Hands on: Collector software.

sFlow features and benefits

Troubleshooting with sFlow, controlling congestion, security and audit trail analysis.
Hands on: Using sFlow.

sFlow versus other technologies

Flows. sFlow impact and scalability. sFlow versus SNMP and RMON, sFlow versus NetFlow/IPFIX.
Hands on: Advanced sFlow configuration.

What our customers say

"Absolutely brilliant, very knowledgeable and helpful trainer would recommend to teach anyone. Kept me interested 100% of the time which is very impressive as this does not happen often, if at all!"

O. B. Network Rail

"The best technical course I've been on!"

L. W. Fujitsu Telecoms Europe

"Very well thought out and structured course. Would recommend 100%. Lots of equipment, good quality."

A.R. Unipart

"Course content is interesting. Relevant to current systems and presented well."

S.S-T. Arqiva

