WPN4-ADV NetEye Advanced Training

Agenda

Module title	Module Purposes	Duration	Day
Introduction	• presentations • review of the Icingaweb2 web interface • review of Director: template Concept Review • escalation concept review	🕐0.30 h	DAY 1
NetEye modules overview NEW	Overview of all NetEye available modules and extensions based on NetEye [Online demo](#)	🕐0.30 h	DAY 1
NEP NEW	• introduction to NEP	🕐0:30 h	DAY 1
Director module	Director Module • Concepts command - fields - templates • External commands (ITL) • Expanding Director: data fields and data list	🕐2:00 h	DAY 1
Extending monitoring	Director Module • Extending / create commands • Installation of Plugins (one on neteye, one on windows host)	🕐1:30 h	Day 2

Director Basket	• What is a Basket? • restoring the configuration using a Basket • import/export of objects using a Basket • integration with Baskets of automation (Import/Export processes)	⏰0:45 h	DAY 2
Director Automation	• What is the automation and how is it supported by Director? • structure of an Import Source • database Import Source: importing from NeDi • from File Import Source: import from CSV file • structure of a Sync Rule • using a Sync Rule to create Host Objects • using a Sync Rule to integrate Host Objects • using a Sync Rule to create Service Objects	⏰1:45 h	DAY 2
Advanced External Event Processing	• Tornado: design and structure • web interface • collectors: receive Email and Trap • executors: Archive and Icinga Actions • automatic creation of Hosts and Services	⏰2:00 h	DAY 3
Real time monitoring / ITOA 🆕	• Introduction: what is the benefit of Real time monitoring • Telegraf to collect performance data (certificates and input plugins) • Dashboard visualization • Simple example of aggreation of data (prepared example to show concept of Starlak https://github.com/bazelbuild/starlark) Topic: Disk space consumption rate	⏰1:30 h	DAY 3

Reporting and SLA 🆕	• Icinga Web 2 Reporting Module • using Cube to view portions of monitoring • creating Availability reports • SLM Requires: a ST/HT based on ITL Random (check interval 15m or more, without flapping), and a script that creates some objects based on these templates.	⏰0:45 h	**DAY 4**
Designing an escalation process	• elements of a Structured Escalation Process • implementation of a standard escalation process • standard structures: Notification Catalog	⏰0:45 h	**DAY 4**
On-demand Command execution 🆕	• Design of Command Orchestrator module • elements of the orchestration process • CMDO-compatible agent • Remote Action Example	⏰1:00 h	**DAY 4**
Shutdown Management 🆕	• Design of Shutdown management module • elements of the shutdown workflow process • Shutdown Action Example	⏰0:45 h	**DAY 4**
NetEye maintenance	• NetEye Upgrade	⏰0:30 h	**DAY 4**