

Problem and Anomaly Detection with Zabbix

OEM: Zabbix • Code: PROBLEM_AND_ANOMALY_DETECTION_WITH_ZABBI

COURSE DESCRIPTION

Devoted fully to problem detection, this course demonstrates best practices and covers Zabbix tuning with detection of the most sensitive triggers and definition of custom thresholds using context-based user macros. The ultimate goal of the course is to show the most appropriate ways of detecting problems under different scenarios.

AUDIENCE PROFILE

- This section doesn't contain any content.

PREREQUISITES

- This section doesn't contain any content.

COURSE OBJECTIVES

By the end of this course, participants will be able to:

- Prevent alert storms and false alarms — by utilizing a variety of Zabbix trigger functions
- React only to root cause problems — with trigger dependencies and event correlation
- Configure dynamic problem detection thresholds — with baseline monitoring and anomaly detection features
- Detect problems proactively — by configuring predictive problem detection

COURSE OUTLINE

Module 1: Course Program

- Detecting problems with Zabbix
- Detecting problems combining multiple metrics
- Most used trigger functions
- Time-based trigger functions
- Predictive trigger functions
- Long-term analysis using trend data
- Preventing trigger flapping

- Detecting problems using log files
- Dependencies between problems
- Reacting to problems using actions
- Event correlation rules