

### Overview

- Design & maintain highly efficient & loaded setups in API, HA/DR and DB partitioning
- This 3 day training ensures easy understanding of Zabbix concepts and structure for the information technology professionals, who need to run Zabbix efficiently and provide support to other Zabbix users.
- Duration: 3 days
- Requirements: Zabbix Certified Professional exam
- Price: 1.850,- €

### Course program

#### Day 1

- Installation: Zabbix from sources
- Administration: Create SELinux policies for Zabbix
- Administration: Secure Zabbix Frontend with SSL
- Data collection: Set-up SNMP traps
- Data collection: IPMI
- Data collection: Extending Zabbix by using External checks and Loadable modules
- Configuration: Trigger-based event correlation
- Configuration: Global event correlation
- Administration: AD and HTTP authentication
- Configuration: User macros functionality
- Configuration: Detecting anomalies, elimination of flapping
- Q&A

#### Day 2

- Zabbix API: Overview
- Zabbix API: Getting data
- Administration: Zabbix DB schema overview
- Administration: MySQL partitioning
- Administration: High-performance storage engine (Elasticsearch)
- Administration: Real-time data export
- Data collection: HTTP checks
- Administration: High-performance HTTP server (NGINX)
- Q&A

**Day 3**

- Data collection: LLD of SNMP objects
- Data collection: LLD of JMX objects
- Data collection: Custom LLD rules
- Administration: Zabbix server processes
- Installation: High availability and redundancy

**Certificat**

- Course attendance certificate
- Certification after Exam

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