Zabbix Certified

Expert

Full course program

DAY 1

Installation:
- Zabbix upgrade
- Zabbix source code

Database tuning:
- Zabbix with MySQL DB
- Zabbix with PostgreSQL DB

Partitioning:
- MySQL DB partitioning
- PostgreSQL with TimescaleDB

DAY 2

Communication security:
- MySQL and PostgreSQL DB connection encryption
- Internal communication encryption with PSK and Certificates
- Agent 2 named session encryption
- Using custom cipher suites for encryption

Data security:
- Using Hashicorp and CyberArk vault

Administration:
- JIT user provisioning with SAML and LDAP
- Multi - factor authentication (MFA)

DAY 3

Visualization:
- Graphs
- Network maps
- Dashboards and dashboard widgets
- Zabbix API methods

- Zabbix API output
- Zabbix API filters
- Zabbix API modules
- Zabbix loadable modules
- Zabbix frontend modules

Administration:
- Zabbix database structure

DAY 4

Administration:
- Zabbix server startup/ shutdown behavior
- Data collection internals
- High availability internals
- Configuration syncer internals

- Preprocessing internals
- Low-level discovery internals
- VMware monitoring internals
- Zabbix self-monitoring

- Zabbix tasks
- Event and data processing
- Housekeeper internals
- Proxy communication

DAY 5

Administration:
- Autoregistration internals
- Network discovery internals
- Advanced IT services configuration

Data collection:
- Storing history in Elasticsearch

Zabbix 7.0 Certified Expert exam

What's next?

Learn how to get the most out of a particular Zabbix feature by attending Zabbix extra training courses. These intensive one-day courses are full of practical tasks and real-life use cases, and are aimed at anyone willing to learn a particular aspect of monitoring.

ZABBIX EXTRA COURSE
AUTOMATION AND INTEGRATION WITH ZABBIX API

ZABBIX EXTRA COURSE
ADVANCED ZABBIX SECURITY ADMINISTRATION