

Day - 1

- **Installation: Zabbix upgrade**
- **Installation: Zabbix from sources**
- **Administration: Zabbix DB schema overview**
- **Administration: Create SELinux policies for Zabbix**
- **Administration: MySQL database tuning**
- **Administration: PostgreSQL database tuning**
- **Administration: Zabbix with TimescaleDB**

Day - 2

- **Security: MySQL DB connection encryption**
- **Security: PostgreSQL DB connection encryption**
- **Security: Internal communication encryption with PSK**
- **Security: Internal communication encryption with Certificates**

Day - 3

- **Programming: Zabbix communication protocol**
- **Programming: Zabbix API overview**
- **Programming: Zabbix API authentication**
- **Programming: Zabbix API methods**
- **Programming: Zabbix API output**
- **Programming: Zabbix API filters**
- **Programming: Zabbix API modules**
- **Programming: Zabbix loadable modules**
- **Programming: Zabbix frontend modules**

Day - 4

- **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**

Day - 5

- **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**
- **Certification (Exam)**