

Day - 1

- Provisioning a Linux to Install Zabbix Server
- Download and Install Zabbix Repository
- Install Zabbix server, FrontEnd, and Agent
- Create a initial database
- Login and configure Zabbix Server Front End
- Configure a Domain name for the Zabbix Server
- Configure SSL for Zabbix Server Front end
- Install Zabbix Agent on Same Network as Zabbix Server
- Install Zabbix Agent (Active) on a Windows Host Behind a Firewall
- Install Zabbix Agent on CentOS on a different Cloud Provider
- Zabbix Agent Auto Registration
- Install and Configure Zabbix Proxy
- Configure Zabbix Agent on the Zabbix Proxy
- Reconfigure Zabbix Agents to use Zabbix Proxy
- Install Zabbix Agent on MacOS Behind the Proxy
- Zabbix Server Health
- Zabbix Proxy Health
- Enable PSK Encryption for Zabbix Agents
- Enable PSK Encryption for Zabbix Proxy
- Creating Host Items
- Creating Host Triggers
- Set up the Email Media Type
- Creating Host Graphs
- Convert Host Items, Triggers and Graphs To A Template

Day - 2

- Template Dashboards
- Monitoring Dashboards
- Creating a Network Map
- Reading Windows Event Logs
- Item Preprocessing with Regex
- Item Preprocessing with JavaScript
- Item Cloning to Create a PCI DSS Windows Template
- Template Dashboards
- Importing Templates
- Slack Media Type
- Telegram Media Type
- Customising Trigger Alert Messages with Macros
- Add Disk Space History Graph To OS Linux Template
- Trigger Prototypes and Triggering within a Range
- Configure Trigger 'Ok Event Generation' to minimise Alert Flapping
- Remote HTTP monitoring using Web Scenarios
- JSON API Monitoring with the HTTP Agent Item
- Log File Monitoring - Nginx Proxy HTTP Status Codes
- Telegram Media Type
- Dependent Items
- Execute Bat File on Remote Windows Host with Zabbix Agent
- Execute Python Script on Remote Linux Host with Zabbix Agent
- Execute a Shell Script using Zabbix Agent
- User Defined Parameters
- Administration Scripts

- **Execute PowerShell Scripts to Check Windows Updates**
- **Calculated Items**
- **Creating Custom Low Level Discovery Rules - Part 1**
- **Creating Custom Low Level Discovery Rules - Part 2**
- **Setup SNMP Hosts in Zabbix**
- **Query SNMP Hosts using OIDs**
- **Query SNMP Hosts using MIBs**
- **Set up a Network Discovery Rule and Action to Auto Configure SNMP Devices**
- **Setup SNMP Traps**
- **Triggers on SNMP Traps**
- **Using the 'Zabbix Get' Command**
- **Zabbix Sender and Trapper**
- **Setup MySQL Monitoring**
- **Users, Groups & Roles**
- **Grafana Zabbix Plugin**
- **Prometheus Node Exporter**