

PRTG Network Monitor

This course provides the attendees with all the skills and knowledge required to get started with PRTG. Implementation, licensing, monitoring, administration and learning the advanced and specialised features and applications for PRTG are all covered. There is a balance of theoretical concepts and lab exercises designed to engage and extract full value from your utilisation of PRTG software.

Prerequisite

Working knowledge of networking, TCP/IP, SNMP and related concepts.

What you'll learn

- This complete course contains a high-level overview of PRTG Network Monitoring
- Install and configure your own PRTG server with the required database
- Set up screens and maps to visualize the state of your network and keep track of complex infrastructures
- Automatically monitor servers in your network by managing hosts and using automatic host discovery
- Add items to hosts for gathering information about the servers' states.
- Manage triggers to identify a problem in your infrastructure. Add trigger dependencies to avoid redundant alerts
- Set up specific actions to provide alerts to the required contacts or automatically try to fix the issues
- Manage users and user groups to assign fine-grained control to the people that use and manage your PRTG installation
- Setting up HA for PRTG Application
- Implementing Remote probe and how to deploy it in real network
- Deploy PRTG Cluster and implement High Availability for your Monitoring Server

Topics Covered:

- PRTG Installation and Configuration
- PRTG Administration Tool
- A First Look at PRTG
- PRTG Version Numbers and Release Channels
- PRTG User Interfaces

- User Administration
- PRTG Licensing
- PRTG Sizing – Planning Large PRTG Installations
- Working with PRTG: Object Hierarchy and Device Templates
- Working with PRTG: Libraries
- Monitoring Bandwidth with SNMP and WMI
- Custom Sensors
- Custom SNMP and Library Sensors
- Script Sensors
- Sensor Detection Features
- Debugging PRTG Learning to fish
- Working with PRTG: Dependencies
- Working with PRTG: Limits and Triggers
- Working with PRTG: Introduction to Notifications
- Advanced Notifications
- Reporting in PRTG
- PRTG Remote Probes
- Working with PRTG: Geo Maps
- PRTG Maps
- Working with PRTG: Priorities, Favourites, Tags
- Working with PRTG: The Ticketing System
- Review: Licenses and Sizing
- PRTG Architecture – Pros and Cons of Different Options
- PRTG Overload Remedies – What to do when PRTG is Overloaded
- PRTG Administration
- PRTG Clustering
- PRTG Network Settings
- Bandwidth Monitoring with xFlow and Packet Sniffing
- SNMP Trap Receiver and Syslog Receiver
- Custom Sensors – Factory Sensor
- Customising and API
- Monitoring QoS and VoIP
- Monitoring Virtualisation Environments
- Monitoring Email Servers
- Monitoring Backup Processes