

Observer Technical Training



Network Instruments - Observer Network Analyser

Course Objectives

For you to be able to effectively use the Observer Network Analyser in a logical step-by-step process as a network troubleshooting tool; to be able to employ all available effective troubleshooting techniques to quickly resolve problems in your networks; to be able to partner with the Observer Network Analyser to proactively monitor and baseline your networks; to be able to optimise your network and applications using the information you have gained from the Observer Network Analyser.

- Introduction and Overview – general troubleshooting techniques are discussed followed by an explanation of the full product functionality of Observer including which features to use in which circumstances.
- Observer Fundamentals – Screen Layout, Help, F1, Version authorisation (for support/downloads), Licences, NIC cards, Configurations, Set-Up, Buttons, Menus, Display Properties.
- Statistics – Utilisation: history & bandwidth, Distributions: Protocol, Top Talkers, Packet Size, Errors. Who talks to who: Pairs, Internet Observer. Other tools: Vital signs, Efficiency History.
- Network Trending – What it is, use on Local, Remote, SNMP, RMON probes, Trending Viewer, Exporting data for reports in spreadsheets, Web Browser viewer.
- Network Names – MAC addresses, IP addresses, Name recognition: IP, DNS, IPX, Microsoft, Importing names.
- Packet Capture – Real-time/off-line decodes, Save/recall trace files, Import/Export, Printing traces, Options.
- Filters – When/how to use. By MAC/IP addresses/Name, data/offset, Inclusion/exclusion, Broadcasts/ANY to specific address. AND and OR.
- Hands on-Filters (cont.), Expert and Multi Hop Analysis – Events, thresholds, suggested solutions, IP, IPX, NetBios, VoIP events, Connection dynamics, time intervals, What if analysis, VoIP analysis, loss, jitter, replay, decode and stream reconstruction.
- Hands-on Test – Remote Probe – Super-set RMON2, Local Observer functions available, Unattended operation, Chat facility, Software update facility.
- Alarms – Triggers, Thresholds, Actions.
- Other features – Traffic generator/replay, Ping, Trace Route, Custom decodes.
- Network trending Viewer (hands-on).
- SNMP/RMON (Overview only).

Price: £985

Duration: 2 Days

About Redstone Managed Solutions

Redstone Managed Solutions has over 10 years experience of providing IT Infrastructure and Internet Solutions.

Solutions and services include:

- IT Solutions, Managed Services and Outsourcing
- Internet Solutions
- Application and Systems Development
- Managed Hosting and Business Continuity Solutions
- Network Infrastructure Management
- IT and Network Consultancy

Redstone Managed Solutions can manage and support your business networks from enterprise level through to the desktop with a comprehensive single source service for business. We also provide hosting solutions from our London and Cambridge datacentres, with scalable solutions, from a single server to multiple racks. Internet solutions include managed MPLS networks, managed firewall, email filtering, online data backup, global roaming internet access and all forms of connectivity, throughout the UK. Our dedicated Cambridge Metropolitan Area Network delivers Internet and integrated connectivity solutions over a state of the art communications back-bone.