



MikroTik The-Dude Monitoring and Alerting System

Training outline

Duration:

1day

Objectives:

By the end of this training session, the attendant will be familiar with MikroTik The-Dude monitoring software. He/she will understand how to add device, network, sub-network, import and export from/to the-dude. Enable Notification/Alerting. How to enable SNMP, work with syslog and troubleshoot network using the-dude.

Target audience:

Anyone who wants to learn how to manage, monitor and troubleshoot a centralized network using the-dude

Course prerequisites:

It is recommended that the attendant is familiar with TCP/IP networking fundamentals.

Title	Objective
<p style="text-align: center;">Module1 Overview</p>	<ul style="list-style-type: none"> • What is the-dude • Introduction • Installation and requirement <ul style="list-style-type: none"> • CHR • X86 • RouterBOARD • Interface • Dude client • Import and Export Dude database
<p style="text-align: center;">Module2 Local Router/Switch Settings</p>	<ul style="list-style-type: none"> • SNMP • Service • Security setup • Enable Syslog-Server in the-Dude • Syslog setting and how to create syslog rule • Notifications and how to setup <ul style="list-style-type: none"> • How to setup and troubleshoot <ul style="list-style-type: none"> • Email • Logging • Popup • How to enable logging and prefix setup
<p style="text-align: center;">Module3 Device Management</p>	<ul style="list-style-type: none"> • Add Network • Add Device • Add Sub-map • Add Line <ul style="list-style-type: none"> • Gigabit • Fast Ethernet • Point to Point • Wireless • Vlan • Auto Scan Network • Device Setting <ul style="list-style-type: none"> • Logging • Configure MikroTik RouterBOARDS using the-dude • Update RouterOS using the-dude • Notification and Alerting setup • Troubleshooting • Router login setup • Agent • Panels • Files

Title	Objective
<p data-bbox="324 310 673 430">Module4 Security and firewall</p>	<ul data-bbox="820 262 1339 483" style="list-style-type: none">• Secure Dude-Server• Secure Dude-Client• SNMP and how to secure it• Firewall• Router Login policies and how to enable syslog• Address list
<p data-bbox="422 640 576 745">Module5 Tools</p>	<ul data-bbox="820 504 1047 882" style="list-style-type: none">• FTP• SSH• Telnet• Web• Winbox• Bandwidth test• Ping• Traceroute• Scan• Spectral Scan• Torch• SNMP Walk