

Real User Monitor 7.5 Administration

Instructor-Led Training

* *IN DEVELOPMENT* *



INTENDED AUDIENCE

- New users of HP Real User Monitor (RUM) 7.5

OVERVIEW

This class provides instruction on the required hardware, architecture and procedure for setting up Real User Monitor 7.5 and enabling it to report to the Business Availability Center.

DURATION: 3 DAYS

PREREQUISITES

- Application Monitoring Fundamentals
- Working knowledge of website server architecture
- Familiarity with Installation of switches and associated hardware

COURSE OBJECTIVES

At the end of the course, you will be able to:

- Describe the architecture of a RUM implementation
- Install and configure the RUM Probe
- Install and configure the RUM Engine
- Troubleshoot RUM issues using the RUM logs
- Explain how to view RUM reporting data
- Size and tune RUM
- Utilize MySQL tools
- Enhance security via SSL
- Implement advanced features of RUM

RECOMMENDED FOLLOW-UP COURSES

- TransactionVision 7.5 Administration

Day 1	Course Introduction <ul style="list-style-type: none"> • Participant introductions • Administration and Housekeeping • Facilities • Participants' responsibilities • Course objectives • Course outline • Labs • Survey
	I. About RUM <ul style="list-style-type: none"> • RUM functionality • What RUM can monitor • RUM architecture
	II. Probe environment settings <ul style="list-style-type: none"> • Network tap vs Spanning port • Installing the RUM Probe • Useful Linux commands
	III. Probe installation <ul style="list-style-type: none"> • Prior to installation • Installation instructions • Understanding probe installation • Common problems and solutions • Installation folders and contents • Tools • Upgrades
	IV. Probe configuration & validation <ul style="list-style-type: none"> • Configuration file • Starting the probe • Open probe console
	V. Engine installation <ul style="list-style-type: none"> • 7.5 installation • Rebranding • Installation log files

Day 2	VI. RUM system overview <ul style="list-style-type: none"> • The RUM System • Deployment & High Level Components • Component Roles
	VII. Sessionizing <ul style="list-style-type: none"> • What is Sessionizing? • Probe session vs Application session • Session ID detection tools • Session reset definition in Monitor Administration • Minimum upgrade level • Obtaining Session ID from session analyzer report • Current captured sessions report
	VIII. RUM Engine logs <ul style="list-style-type: none"> • General division of RUM logs directory • General division of log files into groups • How to read log files • How to read exceptions • Log4j.properties • DEBUG mode • Samples.log
	IX. System troubleshooting <ul style="list-style-type: none"> • RUM architecture • RUM health • Probe configuration • Probe channels • Set engine IP • Slow Download from Probe
	X. Sizing <ul style="list-style-type: none"> • Sizing guidelines document • Sizing units • Engine sizing • Database server sizing • Probe sizing • Requirements for more than 1 Probe • Requirements for more than 1 Engine
	XI. Tuning <ul style="list-style-type: none"> • RUM Engine Tuning • RUM MySQL DB Tuning • RUM Configuration in BAC

Day 3	XII. Meaningful URL <ul style="list-style-type: none"> • Motivation • How does it look in RUM reports • Defining a BCP using a meaningful URL from reports • Configuration in MA • Page name cache tool • Help
	XIII. MySQL database <ul style="list-style-type: none"> • MySQL GUI tools • Introducing MySQL database schema • File system • Configuration file • MySQL Service • Related monitors
	XIV. SSL traffic <ul style="list-style-type: none"> • SSL Keystore Management tool • SSL server definition • SSL traffic monitors
	XV. Engine hardening <ul style="list-style-type: none"> • Define server compliance concepts • Describe the compliance management feature in SAS • Scan and view compliance status • Remediate compliance
	XVI. Advanced features <ul style="list-style-type: none"> • Using RUM with TCP/IP applications • SOAP/XML sessions • MMNi integration and network path status drill-down • Diagnostics drill-down • TransactionVision drill-down • Problem Isolation drill-down