MICRO FOCUS ®

Course Data Sheet

OBR120 – Operations Bridge Reporter 3.x Essentials

Course No.: OBR120-10	Category/Sub Category: Operations Manager
For software version(s): 10.0 Software version used in the labs: 10.02	Course length: 4 days
Delivery formats: Instructor Led (ILT) and Virtual Instructor Led (VILT)	Training is available as a private session onsite.
To order visit: <u>Software Education</u>	

Course Description

This four-day course provides students with the skills needed to install and deploy the Operations Bridge Reporter (OBR) 10.x software product. Students will also learn how to access and use the reports associated with this product. This course provides a hands-on experience in applying the fundamental and administrative concepts, principles, and methodologies available to manage, edit, and enhance the available OBR reports. You will also manage the configuration and deployment aspects of this best-in-class performance reporting solution for Operations Bridge, Application Performance Management (APM), and VMware vCenter.

This course is recommended for individuals who are responsible for providing business service reporting, cross-technology domain reporting, and capacity management reports from Operations Bridge. The course is a mixture of lectures and hands-on labs. The hands-on labs use version 10.02 of the software.

Audience/Job Roles

This course is designed for:

- Infrastructure architects/analysts
- Performance engineers
- Applications/services managers
- IT operations managers

Course Objectives

Upon successful completion of this course, you should be able to:

- Use OBR to understand the relationship between the availability and performance metrics of the IT environment and their impact on business services
- Use OBR to report cross-infrastructure elements residing in multiple technology domains
- Use the out-of-the-box (OOTB) OBR reporting content packs (CPs)
- Access OBR reports
- Describe the role and intent for each of the OBR components
- Manage OBR operations and reports
- Administer OBR, add users, and generate reports
- Install and configure the OBR components
- Create basic OBR reports
- Troubleshoot OBR

Prerequisites/Recommended Skills

To be successful in this course, you should have the following prerequisites or knowledge:

- Knowledge of Application Performance Management (APM), Operations Manager i (OMi), or Operations Manager (OM) on which OBR is reporting.
- Knowledge of End User Management (EUM), Business Process Monitor (BPM), Real User Monitor (RUM), SiteScope, and Operations Agents is helpful.
- Knowledge of Application Performance Management, Operations Center and Network Management Center is helpful.
- Information Technology Infrastructure Library (ITIL) concepts and terminology.
- System and application monitoring principles and practices.

Learning Path

OMI120 - Operations Manager i Software 10.x Essentials → OBR120 - Operations Bridge Reporter 10.x Essentials

Course Topics

Modules	Objectives
Module 1: Course Overview	• Course objectives • Class logistics • The lab environment • Additional course information • Course schedule
Module 1: Introduction and Overview	• Course objectives • Administrative information • Participant introductions • Class logistics • Schedule • Virtual Room basics • Classroom virtual machines • Lab environment • Information about eBooks
Module 2: Operations Bridge Overview	• Describe how IT organizations can transition from a cost function to a value creator • Describe the Operations Bridge approach to addressing those challenges • Describe the applications that comprise the Operations Bridge solution
Module 3: Operations Bridge Reporter Overview	• Describe how OBR delivers value to organizations • Summarize the enabling technologies built into OBR • Enumerate the reporting features provided by OBR • List the components of an OBR deployment • Describe an OBR distributed deployment • List the sources that can provide topology data to OBR
Module 4: Navigating OBR Reports	• Describe the purpose of the three primary OBR user interfaces • Access the OBR Administration console • Access SAP BO Central Management console • Access BI Launch Pad • Locate recently viewed items and your BO inbox • Populate and access your Favorites page • Access and navigate OBR reports in the BI Launch Pad • Use OBR reporting features to navigate and analyze data in reports • Specify BI Launch Pad preferences
Module 5: Reports for RUM and BPM	• Analyze the health of applications and services using Real User Monitor (RUM) content pack reports • Analyze the health of applications and services using Business Process Manager (BPM) content pack reports
Module 6: Reports for Physical and Logical Systems	• Describe the CPs related to system and virtualization management • Analyze the health of physical and logical systems, using system management-related reports • Analyze the health of virtualized environments using virtualization-related reports
Module 7: Reports for Networks	• Describe the CPs related to network reporting • Analyze router and switch health using Network Performance CP

	reports
	• Analyze device health using Network Component Health CP reports
	• Analyze interface health using Network Interface Health CP reports
Module 8: Reports for Database Servers	• Describe the CPs related MS SQL Server reporting • Analyze the health of MS SQL Servers using reports provided • Describe the CPs related Oracle Database reporting • Analyze the health of Oracle Databases using reports provided
Module 9: Reports for Application Servers	• Describe the CPs related to WebLogic Application Server reporting • Analyze the health of WebLogic Application Servers using reports provided • Describe the CPs related to WebSphere Application Server reporting • Analyze the health of WebSphere Application Servers using reports provided
Module 10: Reports for Active Directory and Exchange	• Describe the CPs related to Active Directory reporting • Analyze the health of Active Directory using reports provided • Describe the CPs related to Microsoft Exchange reporting • Analyze the health of Microsoft Exchange using reports provided
Module 11: Reports for OMi and OM	• Describe the CPs related to OMi event metrics reporting • Analyze OMi event trends using reports provided • Describe the CPs related to OM message metrics reporting • Analyze OM message trends using reports provided
Module 12: OBR Architecture	• Describe the OBR architecture, which allows for data collection, data summarization processing, data management, and reporting • List deployment scenarios for OBR • Explain CPs and the core packs
Module 13: OBR Content Packs	• Describe OBR content packs • Explore the content packs available for OBR v10.0x
Module 14: Data Flow Monitoring	• Monitor the collection framework • Model the data flow in OBR • Monitor the data flow in OBR • Manually run ABC data processing commands
Module 15: OBR Technology	• Describe the user authentication methods supported • Replace the OBR self-signed certificate with a valid certificate • Set up certificate-based authentication • Explain the role of the RTSM in providing topology data to OBR • Explain the role and primary capabilities of SAP BusinessObjects • Explain the role and primary capabilities of Vertica
Module 16: OBR Installation and Configuration	• Plan for an OBR installation • Install OBR • Configure OBR using the Configuration wizard • Install OBR content packs • Configure OBR data collections • Install a permanent OBR license
Module 17: Remote Collector Installation	• Describe OBR Remote Collectors • Install and configure OBR Remote Collectors • Describe the data flow processing of OBR Remote Collectors • Troubleshoot the installation and configuration of OBR Remote Collectors

Module 18: OBR Sizing and Tuning	• Estimate the load in records per hour generated by OBR • Estimate the server resources needed by OBR • Tune OBR data collectors • Tune OBR data processing • Plan to scale OBR to meet specific requirements
Module 19: OBR Administration	• Manage OBR services • Manage OBR data processing • Manage OBR databases • Monitor OBR
Module 20: OBR Users and Reports	• Make simple report customizations • Create OBR users in Business Objects (BO) • Create report output
Module 21: OBR Report Customization	• Describe the components of the OBR Reporting Subsystem • Describe a BusinessObjects Universe • Explain the components of a Web Intelligence document • List the most common types of Universe objects • Create a new Web Intelligence document • Define queries within a Web Intelligence document • Add filters and prompts to a Web Intelligence document • Display data in tabular and graphical formats
Module 22: OBR Disaster Recovery and High Availability	• Set up backups for OBR • Backup and restore OBR • Describe how high availability is achieved for OBR components
Module 23: OBR Troubleshooting	• Use OBR command-line utilities to troubleshoot OBR • Locate primary OBR log files • Adjust the logging level for OBR • Troubleshoot OBR data collection • Troubleshoot OBR data flow
Module 24: Migrating to OBR 10.x	• Prepare for and complete the migration from SHR 9.x to OBR 10.x • Describe the process of migrating custom content from SHR 9.x to OBR 10.x • Migrate Performance Insight System Resource data to OBR