

OpsBridge OPTIC Data Lake Reporting Essentials (OPSBOMT120)

ID OPSBOMT120 Price 3,200.— €(excl. tax) Duration 4 days

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Course Overview

Containerized Operations Bridge (OpsB) offers Stakeholder Dashboard and Flex Reporting capabilities based on data collected from OpenText products and third-party products. It includes several components such as OPTIC Data Lake (OPTIC DL), Stakeholder Dashboard (previously known as, BVD), Flex Reporting, and Vertica. The OPTIC Data Lake collects and normalizes operational data, which is stored in the Vertica database and is then presented through Stakeholder Dashboard and Flex Reports.

This four-day, entry-level, instructor-led training course offers technical personnel, who are new to Operations Bridge (OpsB) Suite, OPTIC Management Toolkit (OMT), OPTIC DL, Stakeholder Dashboard, and Flex Report, the opportunity to develop hands-on experience in applying the fundamental principles, methodologies, and capabilities for managing and displaying OpsB reporting data using Stakeholder Dashboard, Flex Reports & OPTIC DL.

You will learn how to get started with Stakeholder Dashboard, and create Stakeholder Dashboards using Visio stencils to visualize information from different sources in an informative and appealing way. You will also learn how to configure & use OOTB OpsB OPTIC DL reports, create custom dashboards, manage Stakeholder Dashboard user accesses and permissions, and integrate different OpsB data sources and data collectors with Stakeholder Dashboard and OPTIC DL. This course includes hands-on labs that use the OPTIC OMT platform and version 2023.05 of the Containerized Operations Bridge (OpsBridge Suite).

Highlights:

- Learn Flex reporting and its features
- Launch OOTB Flex reports using the OPTIC Once User interface
- Configure custom flex reports using key infrastructure and performance-related OpsB KPIs
- Populate the Flex Reports with data collected in OPTIC Data Lake from the OpsB data sources

Who should attend

IT tools engineers, operations staff, operations managers, availability engineers, system administrators, and network administrators.

Prerequisites

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

- IT operations principles and practices
- Systems and network administration
- Industry-standard operating systems
- Network, system, and application monitoring principles and practices

Course Objectives

On completion of this course, participants should be able to:

- Learn about OPTIC Platform and OpsBridge OMT Suite
- Describe the architecture of OPTIC Management Toolkit (OMT)
- Learn about OPTIC OMT and Key Container Terminology
- Describe the Containerized OpsBridge Suite deployment and its components
- Navigate the OPTIC One User Interface to access Flex Reports
- Integrate OpsB Data Sources (Classic OBM, SiteScope, BPM) and Custom Data Sources with OPTIC DL
- Use the OpsB data source based OOTB Flex Reports
- Create and populate custom Flex Reports with system infrastructure, configuration, and performance data from

OPTIC DL

- Use the Stakeholder Dashboard to effectively identify and represent different types of data
- Navigate the Stakeholder Dashboard user interface
- Create and use Stakeholder Dashboards to cater the needs of specific users
- Integrate OpsBridge Data Sources with Stakeholder Dashboard
- Perform OPTIC Data Lake & OpsBridge data sources integration
- Learn about OpsBridge data source-based OOTB (Out-Of-The-Box) reports
- Integrate Data Collectors with Stakeholder Dashboard
- Manage Stakeholder Dashboard user access and permissions
- Learn about Stakeholder Dashboard Administration
- Learn about OMT and Vertica Administration

Course Content

- Course Overview
- Introduction to OPTIC and OMT Architecture
- Containerized OpsBridge Suite and Stakeholder Dashboard Overview
- Getting Started with Stakeholder Dashboard
- Integrating OpsBridge Data Sources with Stakeholder Dashboard
- Integrating Custom Data Sources with OPTIC Data Lake
- OPTIC Data Lake - OBM Data Collection and Reporting
- OPTIC Data Lake - System-BPM-RUM-Data Collection and Reporting
- Predefined Queries and Custom Reporting
- Introduction to Flex Reporting
- Creating Custom Flex Report
- Stakeholder Dashboard Administration
- OMT Administration

Detailed Course Outline

Module 1: Course Overview

- Identify the contents and objectives of the course
- Define the class schedule and class logistics
- Identify the related courses
- Discuss the lab environment details

Module 2: Introduction to OPTIC and OMT Architecture

- OPTIC Management Toolkit (OMT) Overview
- Containers and Kubernetes
- Embedded Kubernetes
- External Kubernetes: Managed and BYOK

- OPTIC Management Toolkit (OMT) and OPTIC DL Architecture

Module 3: Containerized OpsBridge Suite and Stakeholder Dashboard Overview

- Describe the Containerized OpsBridge Suite deployment and its components
- Describe the types of data that can be presented in the Stakeholder Dashboard
- Describe the data sources that can provide data to the Stakeholder Dashboard
- Navigate the Stakeholder Dashboard user interface
- Describe the available resources for Stakeholder Dashboard

Module 4: Getting Started with Stakeholder Dashboard

- Install Tools and Samples
- Import Visio stencil into MS Visio
- Describe the Stakeholder Dashboard widgets
- Use Microsoft Visio to create the Visio dashboards and SVG files
- Upload SVG files in Stakeholder Dashboard
- Learn about Widget properties
- Describe the Dashboard Creation Process
- Develop Custom Widget

Module 5a: Integrating OpsBridge Data Sources with Stakeholder Dashboard

- Import data from OBM to Stakeholder Dashboard
- Connect OBM and Stakeholder Dashboard servers
- Explain dimensions and tags
- Forward performance and event data to Stakeholder Dashboard from OBM
- Link data channels to Stakeholder Dashboard widgets
- Configure dashboard shapes or widgets
- Display data in Dashboards
- Integrate custom data sources with Stakeholder Dashboard
- Set up Data forwarding policy from OpsCx to Stakeholder Dashboard

Module 5b: Integrating Custom Data Sources with OPTIC Data Lake

- Data Ingestion to OPTIC DL
- Difference between Custom Metric Ingestion and Open Data Ingestion
- Open Data Ingestion Overview
- Workflow for the Open Data Ingestion
- Open Data Ingestion Interfaces
- Open Data Ingestion flow
- Dataset and Aggregation configuration

- Data Ingestion through Streaming interface
- Best Practices for Open Data Ingestion
- Useful Doc Links

Module 6: OPTIC Data Lake - OBM Data Collection and Reporting

- Connect Stakeholder Dashboard to Vertica Database (OPTIC DL)
- OPTIC Data Lake Data Collection
- Integrate OPTIC Data Lake with OBM
- OPTIC DL ‐ Out of the Box Stakeholder Dashboard Reports
- Event Reports
- Configure Event Reports

Module 7: OPTIC Data Lake - System-BPM-RUM-Data Collection and Reporting

- OOTB System Infrastructure Reports
- System Infrastructure Reports Data Model
- Configure System Infrastructure Reports
- Using Agent Metric Collector
- Using Metric Streaming Policies
- Using SiteScope
- OOTB Synthetic Transaction Reports
- Synthetic Transaction Reports Data Model
- Configure Synthetic Transaction Reports - Using BPM
- OOTB Real User Monitor Reports
- Real User Monitor Reports Data Model
- Configure Real User Monitor Reports - Using RUM

Module 8: Predefined Queries and Custom Reporting

- Configure Predefined Queries-set up system metric queries
- Configure Predefined Queries-set up parameter queries
- Learn about Data calculation functions

Module 9: Introduction to Flex Reporting

- Learn about OPTIC One User Interface (UI)
- Overview of Flex Reporting
- View Out-of-the-Box System & Event Flex Reports using OPTIC One UI

Module 10: Creating Custom Flex Report

- Overview of Custom Flex Reporting
- Working with various widgets without Visio using Flex Designer
- Create a new custom Flex Report
- Configure the widgets with custom/pre-defined queries
- Populate data and verify metrics in Flex Reports
- Scheduling and administration of reports

Module 11: Stakeholder Dashboard Administration

- Manage Dashboards
- Manage Templates
- Use Command Line Interface (CLI)
- Manage Users
- Create new roles, groups, and users
- Modify Settings
- Stakeholder Dashboard Deployment High Availability & Scaling
- Learn about Logging and Troubleshooting

Module 12: OMT Administration

- Learn about OMT Scripts
- Learn commands to Administer OMT
- Shut Down & Restart OMT
- Scaling OMT for High Availability
- Vertica Database Administration
- Backup OMT OPTIC DL components and Vertica

About Fast Lane



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Germany

**Fast Lane Institute for Knowledge
Transfer GmbH**
Tel. +49 40 25334610
info@flane.de / www.flane.de

Austria

ITLS GmbH
(Partner of Fast Lane)
Tel. +43 1 6000 8800
info@itls.at / www.itls.at

Switzerland

**Fast Lane Institute for Knowledge
Transfer (Switzerland) AG**
Tel. +41 44 8325080
info@flane.ch / www.flane.ch