Health Checks and Debugging

For Public Domain

Contents

Health Checks and Debugging

Overview

This course takes you through the health status of various API using health check services and debugging with troubleshooting reports, and also know about the tenant policies and limits of Riversand platform, and system monitoring capabilities, and different reports associated with the Riversand platform.

Note that this journey is designed with Tell me, Show me, and Try me learning format, so that you get themaximum benefits.

Objectives

After successfully completing this course, you should be able to:

- Understand health checks and debugging in the Riversand platform.
- Understand the overview of tenant policy limits and types of policies.
- Understand system monitoring capabilities and types of reports associated with the Riversand platform.

Duration

The course duration is 150 minutes.

Agenda

Module 1: Health Checks and Debugging – 68 minutes

- ELK stack and data flow in Riversand platform
- Search floating data using search generic objects
- View the health status of various API paths using health check services
- Set log levels for web modules and API requests using logger service
- View troubleshooting reports using application log viewer
- View Grafana application reports using system monitoring
- Learn troubleshooting validation errors, syntax errors, and graph processing errors

Module 2: Tenant Policy Limits – 70 minutes

- Overview of tenant policies, allocations, and limits
- Types of policies
  - Non-enforced limits
  - Enforced policy limits

Module 3: System Monitoring – 13 minutes

- Overview
- Entity activity report
- Model activity report
- Integration summary report
- Throughput report
- System availability report
- API response report
- Datastores utilization metrics