

Transforming and Extracting Data with Zabbix Pre-processing

OEM: Zabbix • Code: TRANSFORMING_AND_EXTRACTING_DATA_WITH_ZA

COURSE DESCRIPTION

This course is entirely based on the possibilities offered by the Zabbix 7.0 frontend, and is designed to help users learn how to extract and transform information from different sources without using external tools or scripts. Every pre-processing step is explained in detail with examples, and nearly all have corresponding practical tasks. The course is designed for users with basic Zabbix knowledge who want to understand Zabbix pre-processing options on an expert level. It does not require any existing Zabbix certification.

AUDIENCE PROFILE

- This section doesn't contain any content.

PREREQUISITES

- This section doesn't contain any content.

COURSE OBJECTIVES

By the end of this course, participants will be able to:

- Learn how to preprocess structured data — such as JSON , XML , and CSV
- Optimize data collection — by utilizing bulk data collection features
- Format unstructured data — with regular expressions or JavaScript
- Reduce the size of collected data — by transforming data and implementing throttling logic

COURSE OUTLINE

Module 1: Course Program

- Introduction
- Internal workflow
- Numerical operations
- Converting between numeral systems
- Text operations

- Javascript
- Structured data (JSONPath, XPath, Prometheus)
- Transformation to JSON
- Data validation
- Throttling
- Q&A Session