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Sign up

Elastic Engineer Certification Training

ALL-IN-ONE: EXAMINATION INCLUDED IN PRICE

2 days (14 hours)

Presentation

Demonstrate your expertise in creating and managing clusters and developing search solutions. The elastic certification for engineers will enable you to prove your skills.

Get ready for official Elasticsearch certification!

The exam will review the fundamentals of data and search. We'll go back over the different modules present in the certification: data management, data search, search application development, data processing and cluster management.

Our training will enable you to model data in Elasticsearch indexes, write better advanced search queries to obtain accurate results, and learn best practices for developing high-performance search applications.

But also, better data processing and handling with efficient configuration and administration of Elasticsearch clusters.

Our Elastic Certified Engineer preparation will introduce you to all the elements present during the exam. You'll learn strategies and best practices for passing your Elastic Certified Engineer exam. Our trainer will adapt his course if you wish to discuss certain points in greater depth.

As with all our training courses, this one will introduce you to the latest version of ELK / Elastic Stack.

Objectives

- Get ready to pass the Elastic Certified Engineer exam
- Master the main tasks of an Elastic engineer
- Know how to manage and install clusters
- Mastering the development of search solutions

Target audience

- Developers
- Architects
- System administrators
- DevOps
- Data engineers

Prerequisites

ElasticSearch experience or ElasticSearch training.

Elastic Engineer certification preparation program

Data management

- Building the search index
  - Using templates
  - Using dynamic templates
  - Lifecycle Management Index
  - Define an index for creating a new data stream

Data search

- Back to query creation
- Asynchronous search
- Writing and executing aggregations
- Queries across multiple clusters
- Queries using a runtime field

Creation of search applications

- Highlight search terms
- Sorting
- Pagination
- Aliases
- Using search templates

Data Processing

- Mapping
- Using analyzers
- Reindex API
- Create an ingestion pipeline
- Defining runtime fields

Cluster management

- Diagnosing shard problems
- Repairing a cluster
- Cluster backup and restore
- Setting up a snapshot
- Inter-cluster search configuration
- Inter-cluster replication

Strategy and methods for exam success Mock

exam

Exchange on specific points

Companies concerned

This course is aimed at both individuals and companies, large or small, wishing to train their teams in a new advanced computer technology, or to acquire specific business knowledge or modern methods.

Positioning on entry to training

Positioning at the start of training complies with Qualiopi quality criteria. As soon as registration is finalized, the learner receives a self-assessment questionnaire which enables us to assess his or her estimated level of proficiency in different types of technology, as well as his or her expectations and personal objectives for the training to come, within the limits imposed by the selected format. This questionnaire also enables us to anticipate any connection or security difficulties within the company (intra-company or virtual classroom) which could be problematic for the follow-up and smooth running of the training session.

Teaching methods

Practical course: 60% Practical, 40% Theory. Training material distributed in digital format to all participants.

Organization

The course alternates theoretical input from the trainer, supported by examples, with brainstorming sessions and group work.

Validation

At the end of the session, a multiple-choice questionnaire verifies the correct acquisition of skills.

Sanction

A certificate will be issued to each trainee who completes the course.