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Elastic Analyst© Certification Training

ALL-IN-ONE: EXAMINATION INCLUDED IN PRICE

2 days (14 hours)

Presentation

Elastic Analyst© certification enables you to prove your skills in using Kibana to search, visualize and analyze your Elasticsearch data. The certification enables you to demonstrate your expertise and ability to use data analysis tools effectively.

Examination objectives include research, visualization and data analysis. Candidates must be able to manipulate data, create relevant visualizations and analyze results.

Our Elastic Analyst© training course provides you with the knowledge and skills you need to pass the exam. It covers in depth all the topics mentioned in the exam syllabus, providing practical examples and real-life use cases for a better understanding.

Training is constantly updated to reflect the latest advances and best practices in observability.

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

Objectives

- Define data views with or without time filters
- Use the Kibana query language (KQL) for precise searches
- Creating customized visualizations with Lens
- Designing interactive dashboards
- Apply advanced data analysis techniques

Target audience

- Data analyst
- System administrators

Prerequisites

Experience with the Kibana tool.

Note: Ambient IT is not the owner of Elastic Certifications©, this certification belongs to Elasticsearch B.V.©, Inc.

Elastic Analyst© certification preparation program

Data search

- Define a data view with or without a Time Filter field
- Set the time filter to a specified date or time range
- Use the Kibana query language (KQL)
- Create and pin a filter based on a search criterion
- Apply a search criterion to a visualization or dashboard

Data visualization

- Create a visualization
  - Pipeline approvals
  - Customized formulas
- Customize the format and colors of a Lens display
- Create cards matching a given criterion
- Create a table using Lens with columns, conditional coloring and summary rows
- Create a dashboard with visualization panels
- Defining and using spaces in Kibana
- Create permalinks to share dashboards
- Create interactive dashboards with input controls, text and in-depth analyses
- Use Discover to save searches and add a table of documents to a table on-board
- Creating a Lens visualization with layers
- Create a Lens visualization of a specified visualization type
- Add reference lines and annotations to a Lens visualization

Data analysis

- Answer questions about a dataset using searches and visualizations
- Use machine learning tools to detect anomalies in a data set
- Define a single-metric, multi-metric or population anomaly detection task or categorization
- Define and use execution fields
- Set an alert with Kibana Alerts
- Create a data frame analysis task to detect outliers
- Create a transformation that generates an index centered on the entity

Strategy and methods for exam success Mock

exam

Further information

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.