

Cognos Certification

A Cognos Certification Study Guide for **Cognos 8 BI Technical Specialist**

The Cognos 8 BI Technical Specialist Exam covers key concepts, technologies, and functionality of the Cognos products. In preparation for the exam, we recommend a combination of training and hands-on experience, and a detailed review of product documentation.

A Cognos 8 BI Technical Specialist is responsible for the installation and configuration of Cognos 8 BI applications. Candidates that achieve this level of certification are expected to be able to participate as an effective team member on a Cognos product installation engagement.

Earning the COGNOS 8 BI TECHNICAL SPECIALIST certification requires passing one (1) exam: Cognos 8 BI Technical Specialist. The materials supporting this certification are:

- Cognos 8 BI Installation and Configuration Guide (8.2)
- Cognos 8 BI Architecture and Deployment Guide (8.2)
- Cognos 8 BI Troubleshooting Guide (8.2)
- Cognos 8 Administration and Security Guide (8.2)
- Proven Practice: Cognos Reportnet (CRN) and the Java Heap
- Tip or Technique: Java Garbage Collection
- Guideline: Logging Console and Monitoring

With regard to experience, it is strongly recommended that you have at least 15-20 implementations in various environments prior to attempting this exam.

The following information will provide you with targeted areas of study to help you prepare for the exam. We have also provided sample questions that represent the format and content of the Cognos 8 BI Technical Specialist exam. Answering these questions correctly does not guarantee that you will pass the actual exam.

EXAM INFORMATION

Exam Number	BI0-150
Exam Title	Cognos 8 BI Technical Specialist
Number of questions	50
Format	Multiple choice – single response
Passing score	80%
Time	60 minutes
Cost	\$ 200 USD
Registration	http://www.prometric.com/Cognos



KEY TOPICS

- Architecture
- Installation
- Configuration
- Tuning and Testing
- Troubleshooting

Architecture

- In a multi-tiered structure, describe proven practices related to Webserver, AppServer, and data
- Identify dispatcher requirements and displacement
- Describe the types and requirements for Content Store and Metric Store communications
- Describe the workings and protocols of Content Manager
- Describe the communication in Windows-based interfaces
- Describe the test procedure for Web-based Interfaces
- Describe logging methods
- Describe the purpose of Cryptography
- Describe the function of CAF
- Describe the compatibility issues that can occur with security protocol set up
- Describe load balancing methods
- Describe the Cognos 8 reporting flow processes

Installation

- Describe the order of single/multi-server installations
- Describe installation and configuration processes
- Describe the process of setting up and testing samples

Configuration

- Describe the configuration of Cognos 8 BI and its environment
- Describe the testing methods prior to startup

Tuning and Testing

- Describe the tuning procedures for the Cognos 8 system

Troubleshooting

- Identify troubleshooting strategies and plot go-forward plans

SAMPLE QUESTIONS

1. Which is true about Cognos Web Server aliases?
 - A. The alias must be named Cognos 8.
 - B. Cognos8/cgi-bin is not required.
 - C. Read permissions are requirements for cgi-bin.
 - D. The alias name can be anything as long as the script alias is cgi-bin.

2. The customer has asked if the Presentation service can be disabled on the application tier servers. What is the purpose of the Presentation service?
 - A. It transforms generic XML responses from another service into an output format of HTML portal pages.
 - B. It allows users to schedule reports to execute at a predetermined time.
 - C. It controls the execution of operations between the CGI and the web server.
 - D. In a multi-server architecture, it runs on the stand alone gateway. It ensures that the report servers all have access to a single set of presentation graphic.
3. In configuring Cognos 8 to use an external certificate authority, which tool would the installer use to create the signing request?
 - A. Secure Site from Verisign
 - B. IIS Certificate Wizard from Microsoft
 - C. Digital Fortress from St. Martin's
 - D. ThirdPartyCertificateTool from Cognos
4. What is the maximum processing memory available for each 32-bit java instance in out-of-the-box UNIX?
 - A. 1 GB
 - B. 3 GB
 - C. 1024 MB
 - D. 1536 MB
5. In determining which server and process will execute a request, which of the following has the highest priority?
 - A. Application Load Balancing
 - B. Advanced Routing Sets
 - C. Request Affinity
 - D. Processing Capacity
6. What is the maximum processing memory available for each java instance in out-of-the-box 32-bit Windows?
 - A. 1GB
 - B. 3 GB
 - C. 768 MB
 - D. 2048 MB

ANSWERS: 1-D; 2-A; 3-D; 4-B; 5-C; 6-D

CONTACT INFORMATION

For further inquiries, please send an email to ccp@cognos.com.

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