

RELIABLE TRUSTED CHANGE EXPERTISE AGILITY COMPETITIVE RESULTS CONNECTED DATA UNSTRUCTURED INNOVATE INFORMATION GLOBAL DISCOVER EXPERIENCE RESULTS TRANSFORM RELIABLE

HDS Certified Specialist - Pentaho Business Analytics Implementation HH0-590 Exam	
Description:	This test is designed for Pentaho, a Hitachi Group Company, and Hitachi Data Systems (HDS) employees, partners and customers. It validates that the successful candidate has knowledge, skills and abilities to implement Pentaho Business Analytics solutions. This includes thorough understanding of deployment and integration procedures and best practices. This test covers Pentaho User Console (PUC), Reporting, Modeling, Pentaho Data Integration (PDI) and administration.
Audience:	<p>Pentaho and Hitachi Data Systems customers, partners and employees who implement Pentaho Business Analytics solutions.</p> <p>Business Analytics implementation personnel should have strong knowledge and skills in the deployment, integration and use of the Pentaho Business Analytics solutions. They assist with architecture, design, development, implementation, integration, performance tuning, rollout and optimization of the deployed Pentaho solution. Typical audiences include business intelligence consultants, developers and technical business analysts.</p>
Supporting material:	<p>BA1000 Business Analytics User Console (Pentaho course)</p> <p>BA2000 Business Analytics Report Designer (Pentaho course)</p> <p>BA3000 Business Analytics Data Modeling (Pentaho course)</p> <p>DI1000 Pentaho Data Integration Fundamentals (Pentaho course)</p> <p>AD1000 - Pentaho Installation and Administration (Pentaho course)</p>
Exam type:	Certification
Format:	Proctored, closed-book exam
Credential:	Hitachi Data Systems Certified Specialist - Pentaho Business Analytics implementation
Delivery:	The exam is available at Prometric test centers .
Questions:	60
Passing score:	66%
Duration:	90 minutes; 120 minutes for non-English speaking countries
Cost:	US \$200 in North America, US \$225 (or equivalent in local currency) outside of North America

	Test Objectives
Section 1	Installation
1.1	Describe the Pentaho Business Analytics suite components and their usage.
1.2	Describe the installation of the Pentaho Business Analytics suite.
Section 2	Pentaho User Console
2.1	Describe the various data sources in the Pentaho User Console.
2.2	Describe the report scheduling process in the Pentaho User Console.
Section 3	Reporting
3.1	Describe the various reporting tools available in the Pentaho Business Analytics suite.
3.2	Demonstrate knowledge of how to create and use Pentaho Analyzer reports.
3.3	Demonstrate knowledge of how to create and use Pentaho Report Designer reports.

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3.4	Demonstrate knowledge of how to create and use Pentaho Interactive Reporting reports.
3.5	Demonstrate knowledge of how to create and use Pentaho Dashboard Designer dashboards.
Section 4	Modeling
4.1	Describe modeling approaches.
4.2	Describe key elements in a Mondrian Schema.
4.3	Demonstrate knowledge of how to use the Schema Workbench tool.
4.4	Describe the components of a metadata model.
4.5	Demonstrate knowledge of how to use the Metadata Editor tool.
Section 5	Pentaho Data Integration
5.1	Describe the key components of a Pentaho Data Integration solution.
5.2	Demonstrate knowledge of how to execute and schedule Pentaho Data Integration transformations and jobs.
5.3	Demonstrate knowledge how to transform structures to build star schema from a transactional database.
5.4	Describe concepts of portable transformations and jobs.
Section 6	Administration
6.1	Describe concepts of the Business Analytics logging and auditing processes.
6.2	Describe how to manage the components of a Business Analytics solution.
6.3	Describe concepts of the Data Integration logging and auditing processes.
6.4	Describe how to manage the components of a Data Integration solution.
6.5	Describe the security components of the Pentaho Business Analytics suite.

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