BR420-EN Veeam v11 (VMCA) Architecture and Design

Kurzbeschreibung:

The **BR420-EN Veeam v11 (VMCA) Architecture and Design** course teaches IT professionals how to effectively architect a Veeam solution through attaining technical excellence following the Veeam Architecture Methodology used by Veeam's own Solution Architects.

In the two-day seminar, participants will explore the goals of requirement gathering and infrastructure assessment, and use that information to design Veeam solutions. Attendees will discuss considerations when turning logical designs into physical designs and describe the obligations to the implementation team that will realise that design. Other topics covered will include security, governance and validation impacts when architecting a Veeam solution and how to integrate these into the overall design.

Zielgruppe:

- System Engineers/Administrators
- Backup /Virtualization Administrators
- Solution Architects/Consultants

Voraussetzungen:

Participants of the workshop **BR420-EN Veeam v11 (VMCA) Architecture and Design** should be experienced professionals with solid knowledge of servers, storage, networking and virtualization. Alternatively, we recommend attending one of the following two courses in advance:

- **BR410-EN Veeam v11 (VMCE) Configuration and Management**
- **BR418-EN Veeam v11 (VMCE) with Storage-Connection**

Sonstiges:

Dauer: 2 Tage

Preis: 1650 Euro plus Mwst.

Ziele:

After completing the training **BR420-EN Veeam v11 (VMCA) Architecture and Design**, participants should be able to:

- Design and create a Veeam solution in a real-world environment
- Describe best practices, review an existing infrastructure and assess business/project requirements
- Identify important infrastructure metrics and perform component (storage, CPU, memory) quantity sizing
- Provide implementation and testing guidelines in accordance with designs
- Innovatively address design challenges and problems, matching appropriate Veeam Backup & Replication features with requirements

After successful completion of the two courses **BR410 and BR420** and their exams, you may call yourself **"Veeam Certified Architect (VMCA)"**

You can take the exam after the course at a Pearson VUE test centre. It consists of 40 questions that have to be answered in 60 minutes. You need a score of at least 70% to pass the exam. You can find detailed information about the exam here.

You can take a trial test here.
For further exercises, the LABS are still available 10 working days after the course.

Inhalte/Agenda:

- ♦ **Introduction**

  ♦ **Discover**
  - ◊ Analyze an existing environment
  - ◊ Discovering relevant metrics
  - ◊ Discovering assumptions and risks
  - ◊ Identifying complexity in an environment

  ♦ **Conceptual design**
  - ◊ Review scenarios and data from the discovery phase
  - ◊ Identify logical object groups
  - ◊ Create tables of business and technical requirements, constraints, assumptions, and risks
  - ◊ Review infrastructure data
  - ◊ Create high level designs and data flows

  ♦ **Logical design**
  - ◊ Align critical VBR components and functions with requirements
  - ◊ Create logical groups
  - ◊ Components and their relationship to logical groups
  - ◊ Aggregating components into logical groups
  - ◊ Compute components

  ♦ **Physical design**
  - ◊ Convert logical design into physical design
  - ◊ Hardware sizing
  - ◊ Creating a list of physical Veeam backup components

  ♦ **Implementation and control**
  - ◊ Verify the physical design
  - ◊ Reviewing the application
  - ◊ Describe the architect's constraints to the implementation team
  - ◊ Provide guidance on how to handle implementation specifics related to the design

  ♦ **Validation and iteration**
  - ◊ Provide a framework for testing and design
  - ◊ Further development and design
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