# **Veeam Certified Engineer (VMCE)**

#### 1. Introduction

### 2. Overview of Veeam Products

- Veeam Products
- Veeam Availability Suite
- Key Concepts

# 3. Deployment

- Core Components and Their Interaction
- Optional Components
- Deployment Scenarios
- Prerequisites
- Upgrading Veeam Backup and Replication

# 4. Initial Configuration

- Adding Servers
- Adding a VMware Backup Proxy
- Adding a Hyper-V Off-host Backup Proxy
- Adding Backup Repositories
- Performing Configuration Backup and Restore
- Managing Network Traffic
- Global Notification Settings
- Getting to Know User Interface

### 5. Protect

- Creating Backup Jobs
- Creating Restore Points with VeeamZIP and Quick Backup
- Backup Copy
- Replication
- Creating VM/File Copy Jobs

#### 6. Verification

- SureBackup Recovery Verification
- SureReplica

# 7. Entire VM Recovery

- Data Recovery
- Working with Veeam Backup and Replication Utilities
- Insight into Recovery from Replica

# 8. Objects Recovery

- Item-Level Recovery
- Guest OS File Recovery

#### 9. Advanced Data Protection

- Tape Device Support
- SAN Storage Systems Support
- Support for Deduplicating Storage Systems
- Veeam Cloud Connect
- Veeam Backup Enterprise Manager
- vCloud Director Support

# 10. Veeam ONE Features and Functionality

- Auto Discovery of Backup and Virtual Infrastructure
- Business Categorization
- Pre-Defined Alerting
- Unattended Monitoring
- Reporting and Dashboards
- Agentless Data Gathering
- Hyper-V Specific Features
- Veeam One Deployment
- Veeam One Assessment Tool

### 11. Product Editions

- Product Editions Comparison
- Full and Free Functionality Modes

# 12. Troubleshooting

- How to Identify the Problem
- How to Review and Analyze the Issue
- Search for Additional Information
- Veeam Support

### 13. Additional Resources