Rocket

Certification Preparation for MV Administrators

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Biography

- Rocket Software Senior Education Consultant
- Over 20 years of creating and delivering training for MultiValue products
- Currently working to make MultiValue education available on-demand and online
- Subject matter expert for most MultiValue certification exams

Abstract

- *Designed for U2 and D3 administrators who want the 'Rocket UniVerse Administration', the 'Rocket UniData Administration', or the 'Rocket D3 Administration' certification. We review the outline of topics that are covered on the exams aiding in your study process.*

Agenda

- What is a certification test?
- How are they developed?
- What is covered in the D3 v9.x test?
- What is covered in the UniData v7.2 test?
- What is covered in the UniVerse v11.1 test?
- How can you prepare for the tests?

Certification and How it is Created

What is certification?

- Method to demonstrate your expertise to the world
- Validates your skills and your proficiency in MV technology

MV Certification Testing

- Proctored online test
- Multiple choice – can be multiple answers
- 90 minutes to take the exam
- Pass/Fail
- For D3 and UniVerse – 60 questions; For UniData – 61 questions
- % Required to pass:
  - For D3 - 69%
  - For UniData – 64%
  - For UniVerse – 65%
- Can take the exam again within 30 days and you see a different form of the exam

How is the Test Developed?

- Subject Matter Experts (SME) from customer base and MV
- Blueprint (outline) for each test is developed – and each topic weighted
- Minimally acceptable candidate
- Knowledge of wide range of topics (and operating systems for U2)

MV Certifications Available

- Rocket Software Solutions Expert – D3 v9.x UNIX Administration
- Rocket Software Solutions Expert – UniData v7.2 Administration
- Rocket Software Solutions Expert - UniVerse V11.1 Administration

D3 9.x Blueprint

- Installation – 12%
- Configuration – 11%
- Database structure and maintenance – 17%
- Performance tuning – 13%
- Security – 11%
- Connectivity – 10%
- Troubleshooting – 17%
- Data archiving – 9%

UniData 7.2 Blueprint

- Installation/Upgrade – 6%
- Configuration – 14%
- High availability – 10%
- File maintenance – 18%
- Performance/Tuning – 14%
- Client access – 11%
- Security – 11%
- Troubleshooting – 16%

UniVerse 11.1 Blueprint

- Installation – 12%
- Configuration – 13%
- File maintenance – 25%
- Performance – 18%
- Client access – 8%
- Security – 12%
- Troubleshooting – 12%

What is covered in each test?

D3 – Section 1

- Installation
  - Describe how to perform an installation or upgrade

UniData – Section 1

- Installation/Upgrade
  - Describe how to perform an installation/upgrade

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UniVerse – Section 1

- Installation
  - Describe how to install UniVerse V11.1
  - Describe how to upgrade UniVerse V11.1
  - Describe UniVerse V11.1 account flavors and content

D3 – Section 2

- Configuration
  - Describe how to maintain pick0 configuration files
  - Demonstrate knowledge of how to maintain devices
  - Describe how to manage background tasks

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UniData – Section 2

- Configuration
  - Describe how to set UNIX/Linux/Windows parameters
  - Describe how to set and interpret parameters
  - Describe External Database Access (EDA) functionality
  - Describe UniData accounts
  - Describe Network File Architecture (NFA) files

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UniVerse – Section 2

- Configuration
  - Demonstrate knowledge of Set User Environment & VOC commands
  - Describe how to maintain peripheral devices
  - Describe how to manage Shared Memory Structures

2

D3 – Section 3

- Database structure and maintenance
  - Demonstrate how to maintain accounts
  - Demonstrate how to analyze and maintain database files

3

UniData – Section 3

- High Availability
  - Describe RFS features and functionality
  - Describe replication features and functionality

3

UniVerse – Section 3

- File maintenance
  - Identify the file type structures and their uses
  - Describe monitoring of files
  - Describe the use of file indexing

3

D3 – Section 4

- Performance tuning
  - Demonstrate how to tune application performance
  - Demonstrate how to tune system performance

4

UniData – Section 4

- File maintenance
  - Describe how to create database files
  - Demonstrate how to analyze and maintain database files
  - Demonstrate how to troubleshoot and repair database files

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UniVerse – Section 4

- Performance
  - Demonstrate knowledge of how to Start, Stop, and Pause UniVerse
  - Demonstrate how to optimize and maintain UniVerse performance
  - Describe various UniVerse System Recovery methods
  - Demonstrate knowledge of DB replication

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D3 – Section 5

- Security
  - Demonstrate how to encrypt database files
  - Describe how to use access control

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UniData – Section 5

- Performance/Tuning
  - Demonstrate knowledge of UniData performance and tuning
  - Describe an understanding of UniData indexing

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UniVerse – Section 5

- Client access
  - Describe how to install and configure client products
  - Describe how to prepare an account for access
  - Describe the process for establishing connections

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D3 – Section 6

- Connectivity
  - Demonstrate how to maintain command line connections
  - Describe how to maintain ODBC
  - Describe OSFI functionality
  - Describe how to configure MVSP connectivity
  - Describe how to configure OpenDB files

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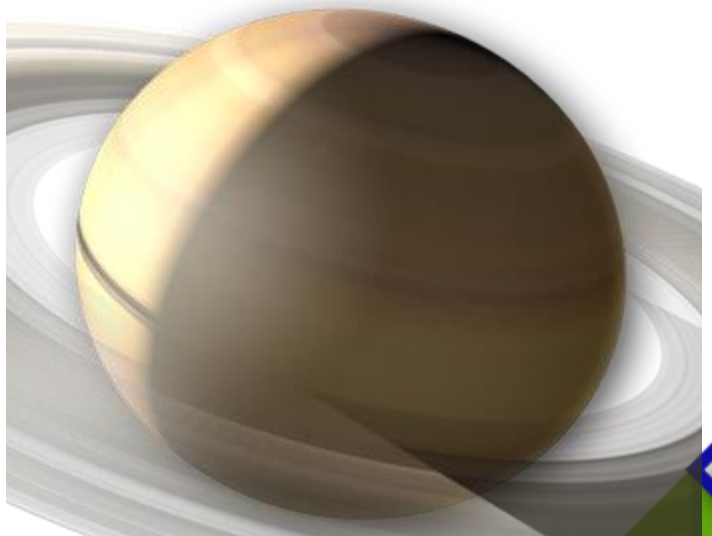
UniData – Section 6

- Client access
  - Describe how to install middleware components
  - Describe how to prepare files for SQL access
  - Describe how to set up client/server logging
  - Describe how to use the XML/DB mapping tool



6

UniVerse – Section 6

- Security
  - Describe how to control account and file access
  - Describe how to implement encryption
  - Describe the use of user controls

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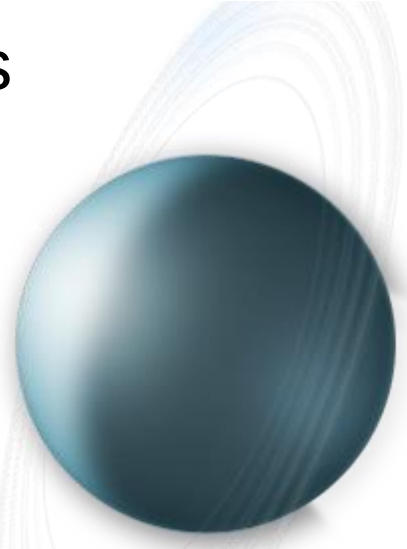
D3 – Section 7

- Troubleshooting
  - Demonstrate how to investigate log files
  - Demonstrate how to investigate locks
  - Demonstrate how to use debugging tools
  - Demonstrate how to investigate database files
  - Demonstrate how to investigate a process



7

UniData – Section 7

- Security
  - Demonstrate the ability to customize a VOC file to limit user access
  - Describe how to manage SSL configuration parameters
  - Describe how to implement and manage ADE keys and permissions

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UniVerse – Section 7

- Troubleshooting
  - Analyze log files and interpret error messages
  - Demonstrate knowledge of troubleshooting commands
  - Demonstrate a knowledge of process tracking

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D3 – Section 8

- Data archiving
  - Describe how to protect your data
  - Describe how to perform data replication

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UniData – Section 8

- Troubleshooting
  - Describe how to investigate and resolve crashes/restart problems
  - Demonstrate an ability to troubleshoot daemons and services
  - Describe how to diagnose response-time issues
  - Demonstrate knowledge of how to analyze log files and interpret error messages

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Key Areas to Consider

- Basic understanding of:
  - Encryption
  - Data replication
  - Client access
  - UniData Recoverable File System(RFS)

Wrap-up

Additional Resources

- http://docs.rocketsoftware.com/nxt
  - Administration manuals
- U2 Public Tech Notes - https://rbc.rocketsoftware.com/documentation/whitepapers.asp
- MV University

Additional Resources - Classes

- http://www.rocketsoftware.com/training-and-professional-services/rocket-d3
  - P110 D3 Database Management System Essentials
- http://www.rocketsoftware.com/training-and-professional-services/rocket-u2
  - U2010 U2 Fundamentals – self paced
  - U2200 UniData Fundamentals
  - U2800 UniVerse Fundamentals
  - UD200 UniData Administration
  - UV904 UniVerse Administration

Next Steps

- Attend Rocket events where MV Certification Testing is offered
  - It's free while at MV University
- Take appropriate classes
- Take the practice exam
- Arrange a test time with a Rocket Training/Testing Partner.
  - There is a fee for this testing based on your currency

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