



DELL TRAINING

Dell EMC Data Protection Advisor: Custom Reporting

Master Dell EMC DPA custom reporting to analyze and optimize your data protection environment.

DURATION

16 hours

LEVEL

Intermediate

FORMAT

Instructor-Led

- Globally Recognized Certification

- Expert-Led Hands-On Training

- Flexible Scheduling

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COURSE OVERVIEW

This intermediate-level Dell EMC Data Protection Advisor (DPA) Custom Reporting course is meticulously designed for IT professionals seeking to master the art of generating insightful, tailor-made reports from their complex data protection environments. Leveraging the robust capabilities of DPA, participants will delve into advanced reporting functionalities, learning to extract critical information from various Dell EMC protection solutions, including Data Domain, Avamar, Networker, and other integrated storage and backup systems. The course focuses on transforming raw operational data into actionable intelligence, crucial for performance monitoring, capacity planning, compliance auditing, and service level agreement (SLA) adherence.

Through hands-on exercises and practical scenarios, you will gain the expertise to design, configure, and automate custom reports and dashboards that address specific business requirements and operational challenges. This includes understanding DPA's data model, utilizing advanced filtering and grouping techniques, and building complex expressions to visualize data trends and anomalies. By the end of this 16-hour program, you will be equipped to provide stakeholders with clear, concise, and meaningful reports that drive informed decision-making and optimize your organization's data protection strategy, ensuring efficient resource utilization and enhanced resilience against data loss.

Duration	16 hours
Level	Intermediate
Vendor	Dell

COURSE CURRICULUM

01 Module 1: DPA Reporting Fundamentals and Architecture

- Overview of Dell EMC Data Protection Advisor (DPA)
- Understanding DPA's core components and data flow
- Introduction to DPA reporting capabilities and types
- Navigating the DPA user interface for reporting
- Key reporting concepts: metrics, dimensions, aggregations

02 Module 2: Data Sources and Collection for Custom Reports

- Configuring and managing DPA data sources (Avamar, Data Domain, Networker, etc.)
- Understanding data collection policies and schedules
- Verifying data collection status and troubleshooting common issues
- Exploring the DPA data model for reportable entities
- Identifying relevant data for specific reporting needs

03 Module 3: Designing and Building Custom Reports

- Utilizing the DPA Custom Report Wizard
- Selecting report templates and customizing layouts
- Applying filters, groups, and sorting to report data
- Working with tables, charts, and gauges for data visualization
- Creating advanced expressions and calculated fields

04 Module 4: Advanced Reporting Features and Dashboards

- Developing multi-tab reports and sub-reports
- Implementing drill-down capabilities for detailed analysis
- Designing interactive dashboards for at-a-glance insights

- Integrating external data sources (if applicable)
- Best practices for report design and readability

05 Module 5: Report Automation, Distribution, and Performance

- Scheduling report generation and distribution
- Configuring email and network share delivery options
- Managing report recipients and access controls
- Monitoring report performance and optimizing query execution
- Exporting reports in various formats (PDF, CSV, HTML)

06 Module 6: Troubleshooting and Operational Best Practices

- Diagnosing common custom reporting issues
- Troubleshooting data discrepancies and report errors
- Implementing DPA reporting best practices for scalability and efficiency
- Strategies for maintaining an effective reporting environment
- Leveraging DPA reports for proactive data protection management

CAREER PATHWAYS

Graduates of this program are prepared for the following roles:

- > **Data Protection Reporting Specialist**
- > **Backup Operations Engineer with Advanced Analytics Skills**
- > **IT Compliance and Audit Reporting Analyst**

FREQUENTLY ASKED QUESTIONS

Q: What specific expertise will I gain in Dell EMC DPA custom reporting that differentiates me from a basic DPA administrator?

This course elevates your skills beyond standard report generation, enabling you to design and implement highly specific, complex custom reports and interactive dashboards. You will master advanced filtering, calculated fields, multi-tab reports, and automation techniques to extract deeply granular insights from your data protection environment, providing critical intelligence for strategic decision-making, compliance audits, and proactive problem-solving, rather than just running pre-defined reports.

Q: Are there any prerequisites or recommended prior experience needed before enrolling in this Dell EMC Data Protection Advisor Custom Reporting course?

While there are no strict certification prerequisites, a foundational understanding of Dell EMC Data Protection Advisor (DPA) architecture and basic data protection concepts (backup, recovery, storage, replication) is highly recommended. Familiarity with DPA's user interface and its core functionalities will significantly enhance your learning experience and allow you to grasp the advanced custom reporting topics more effectively.

Q: How will the custom reports I learn to create directly impact my organization's data protection strategy or demonstrate ROI?

You will learn to create reports that directly address critical operational and strategic needs. This includes detailed

capacity planning reports to optimize storage investments, performance trend reports to identify bottlenecks and improve backup windows, compliance reports to meet regulatory requirements (e.g., GDPR, HIPAA), and chargeback reports for departmental cost allocation. These custom reports provide tangible data to justify investments, demonstrate SLA adherence, and proactively manage data protection resources, proving a clear return on investment.

ABOUT COMPUTER PRIDE



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With over 15 years of excellence, Computer Pride delivers globally recognized certification programs from leading technology vendors. Located on Kenyatta Avenue in Nairobi's CBD, our state-of-the-art facilities and expert instructors have empowered thousands of professionals across East Africa.

15+

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READY TO ENROL?

Take the next step in your technology career.

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