ATTENTION: The Product Technology exam E22-285 – VxRail Appliance 4.x Deployment and Implementation Exam aligned to the VxRail Appliance 4.x Deployment and Implementation certification, will retire on February 01, 2019.

How will this impact me?
If you have taken the VxRail Appliance Installation and Implementation course aligned to the Product/Technology VxRail Appliance 4.x Deployment and Implementation track and plan to take E22-285 exam, we recommend you do so prior to February 01, 2019.

The retiring E22-285 VxRail Appliance 4.x Deployment and Implementation Exam will be replaced by a new Specialist exam in the Implementation Engineer track

- **DES-6321 Specialist – Implementation Engineer, VxRail Appliance Exam**

Certifications earned from passing the E22-285 exam, combined with the Associate – Converged Systems and Hybrid Cloud Version 1.0 certification will also be eligible to earn the new Specialist – Implementation Engineer, VxRail Appliance Version 1.0 certification.

How will this impact Partners with a VxRail Services Deployment Competency?
Partners that have invested in the E22-285 VxRail Appliance 4.x Deployment and Implementation Exam to achieve the VxRail Deployment Competency will not be impacted by this change. The E22-285 – VxRail Appliance 4.x Deployment and Implementation Exam becomes the N-1 requirement for the VxRail Deployment Competency in FY20.

How do VxRail Deployment Partners update their skills to meet the FY20 Partner Program requirements?
VxRail Deployment Partners can easily keep their certification current with the FY20 Deployment Competency requirement by transitioning to the new VxRail Implementation Engineer DES-6321. This requires certified resources update only the Associate level certification to Converged Systems and Hybrid Cloud Version 1.0 certification DEA-64T1. They will then be granted the new DES-6321 Specialist – Implementation Engineer, VxRail Appliance Exam certification.

Thank you
Dell EMC Proven Professional Program Team
Certification Overview
Hyperconverged solutions simplify IT operations while reducing operational costs. The VxRail Appliance allows businesses to start small when integrating into their datacenters and grown seamlessly. Individuals (internals or partners) supporting VxRail customers are required to understand and follow the implementation services in addition to understanding the extended VxRail environment. Individuals will use the certification to validate their knowledge to support implementation activities.

Certification Requirements
To complete the requirements for this certification you must:

- Pass the following P/T exam on or after May 5, 2017:
  - E22-285 VxRail Appliance 4.x Deployment and Implementation Exam

Note: These details reflect certification requirements as of May 5, 2017.

The Proven Professional Program periodically updates certification requirements. *Please check the Proven Professional CertTracker website regularly for the latest information and for other options to meet the Associate level requirement.

Other Certification Recommendations
Once you have achieved this Certification you may be interested in:
- Specialist – Implementation Engineer, VxRail Appliance Version 1.0
Overview
This exam is a qualifying exam for the VxRail Appliance 4.x Deployment and Implementation (DEC) track.

This exam focuses on the VxRail Appliance hardware and software requirements to implement a VxRail cluster. This includes CI/HCI benefits, hardware installation, environment validation, software implementation, product scale-out options, and common issues and troubleshooting of events.

Dell EMC provides free practice tests to assess your knowledge in preparation for the exam. Practice tests allow you to become familiar with the topics and question types you will find on the proctored exam. Your results on a practice test offer one indication of how prepared you are for the proctored exam and can highlight topics on which you need to study and train further. A passing score on the practice test does not guarantee a passing score on the certification exam.

Products
Products likely to be referred to on this exam include but are not limited to:

- VxRail Appliance

Exam Topics
Topics likely to be covered on this exam include:

Introduction to VxRail (23%)
- Identify and describe the positioning and benefits of Dell EMC Converged and Hyperconverged solutions (Block/Rack/Rail)
- Identify and explain VxRail use cases, architecture, models, and software stack
- Describe VxRail availability, management, iDRAC, and licensing options
- Describe VxRail system planning and design considerations
- Identify and locate VxRail product documentation and resource information needed to deploy and implement the system

VxRail Hardware Installation (7%)
- Identify and describe the VxRail system racking and cabling procedures
- Identify and describe system power up/down and settings management VLAN procedures
**VxRail Pre-installation Validation (17%)**
- Describe VxRail pre-installation requirements and checklist
- Identify and describe ToR network requirements and settings
- Describe the customer environment validation procedure(s)

**VxRail System Initialization and installation (12%)**
- Describe “Embedded” versus “External vCenter” considerations and configurations
- Describe VxRail initialization wizard and configuration steps and preparations for system implementation

**Post Deployment Procedures (14%)**
- Configure support account, ESRS, and apply software patches
- Verify VxRail system health post installation
- Describe VxRail appliance licensing considerations and issues
- Describe VxRail Reserve settings and capacities

**VxRail Cluster Expansion (10%)**
- Describe scale-out best practices and the cluster expansion process
- Identify and describe the VxRail Stretched Cluster architecture, features, and requirements

**VxRail Implementation Troubleshooting (17%)**
- Identify common VxRail implementation issues and resource information
- Identify and describe VxRail troubleshooting procedures for common installation issues
- Describe the VxRail factory reset procedures

The percentages after each topic above reflects the approximate distribution of the total question set across the exam.

**Recommended Training**
The following curriculum is recommended for candidates preparing to take this exam.

**Please complete the following course**

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<td>1/23/17</td>
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**Please complete one of the following courses**

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<td>Video ILT-Stream</td>
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Implementation – Video ILT

Note: These exam description details reflect contents as of May 5, 2017.

The Proven Professional Program periodically updates exams to reflect technical currency and relevance. Please check the Proven Professional website regularly for the latest information.

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