

## Master - Enterprise Architect Certification Description



### Overview

The **Dell Certified Master- Enterprise Architect (DCM-EA)** validates the master skillset of designing efficient and secure ITaaS solutions aligned with strategic business goals.

A Dell Certified Master in Enterprise Architecture is a member of a distinguished community of professionals. In addition to deep technical knowledge, they have broad business knowledge and the skills necessary to drive the development, specification, and communication of solutions to meet business and IT transformation needs. A Master Enterprise Architect understands the complexities of ITSM, development, IT and data center processes and other formalized approaches to delivering business value. Arguably, The Master Enterprise Architect can be the most influential recommenders within a business environment. This certification validates all of these skills.

[Proven Professional Website](#)

[Education Services Community](#)

The DCM-EA program:

- Allows DCM-EA certified individuals to differentiate themselves in the marketplace as having demonstrable mastery of enterprise architecture
- Allows client organizations to verify that practitioners have the necessary knowledge and skills to successfully design enterprise architectures that includes Dell Technologies solutions
- Enables organizations (clients and partners) that require this level and breath of design benefit from a body of practitioners that have validated their knowledge and skills relevant to performing this complex task

### Benefits of Becoming a DECM-EA

- Industry recognized certification
- Validation of advanced level mastery of enterprise architect skills
- Member of an elite community with unique, transformative skills
- Invitation to reception for all masters already attending the next scheduled Dell Technologies World
- Online community to share ideas, research, and guidance and access internal resources
- Dell EMC Certified Master-Enterprise Architect logo gear
- Opportunities to continue learning through DEES education and Proven Professional Exams

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## Certification Requirements

To complete the requirements for this certification you must:

1. Achieve one of the following pre-requisite certifications or combinations:

### **Preferred:**

- Expert - Systems Administrator, Multi Cloud (DCE-SA)
- Expert - Cloud Architect, Cloud Services v2.0 (DCE-CA)
- VMware Certified Design Expert 6 – Data Center Virtualization (VCDX6-DCV)
- VMware Certified Design Expert – Cloud Management and Automation (VCDX-CMA)
- VMware Certified Design Expert 7 – Cloud Management and Automation (VCDX7-CMA)
- VMware Certified Design Expert 6 - Network Virtualization (VCDX6-NV)

### **Acceptable:**

- Cisco Certified Architect (CCAr) Cisco Certified Architect (CCAr)
- IBM Certified Architect – Level 2 Expert IBM Certified Architect – Level 2 Expert
- Open Group Certified Architect (Open CA) - Distinguished
- HPE Master ASE – Data Center and Cloud Architect V1
- HPE Master ASE – Data Center and Cloud Architect V2

2. Pass the initial submission review phase for the Dell Certified Master Enterprise Architect program.
  - [Dell Certified Master Enterprise Architect - Application Submission](#)
3. Pass the Dell Certified Master Enterprise Architect board review.

Candidates who achieve or surpass the minimum score threshold for the initial submission review phase will be invited to come before the board to defend their architecture design.

Note: These details reflect certification requirements as of **April 30<sup>th</sup>, 2018**

The Proven Professional Program periodically updates certification requirements. Please check the [Proven Professional CertTracker](#) website regularly for the latest information.

Dell Certified Professional Expert and Master certifications have two-year validity. Within that two-year window, a credential is considered active. Please refer to the Policies and Procedures document on the Dell Technologies Proven Professional website for more information.

### **Co-Skilled Badge**

You can earn an additional Digital badge by achieving this credential along with the VMware Certified Design Expert (VCDX) credential. More information on Co-Skilled Badges can be found in the [Dell Education Services Community](#).

## Master - Enterprise Architect

### Initial Submission Description



Submission:  
3 Projects

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#### **Overview**

This submission packet is a qualifying requirement for the Dell Certified Master- Enterprise Architect (DCM-EA) track.

#### **Minimum Qualifications**

The minimally qualified candidate is an enterprise architect with 10-15 years of experience in enterprise-level infrastructure design. A minimally qualified candidate is expected to have the broad business and technical knowledge and skills necessary to drive the development, specification, and communication of solutions to meet customers' business and IT transformation needs.

The qualified candidate will have previously demonstrated a level of fundamental knowledge and skills necessary to attempt the master level certification through passing exams included in the eligibility requirements.

The minimally qualified candidate for this certification will be able to demonstrate ability in areas including but not limited to the following without assistance:

- Demonstrate awareness of specific industry knowledge
- Use fundamental concepts of project management
- Apply fundamental concepts of business strategy, design and architecture
- Gather, understand, and analyze stakeholder requirements
- Understand current organizational structure of the client
- Manage customer experience and influence clients
- Use reference architecture to establish opinionated point of view and communicate solutions to clients
- Tactfully handle objections
- Apply fundamental concepts of financial analysis and projections and ability to apply to customer requirements
- Transform business objectives into IT/Tech Strategy
- Comfort in technical environments working with tech staff
- Comfort in business environments working with management/executives

#### **Products**

At least one of the three projects included in the initial submission must include Dell products/solutions.

#### **Submission Details and Topics**

The submission shall include three enterprise architecture projects that provide evidence of gathering and interpreting requirements, planning, creating, and documenting an enterprise architecture or design for a client that meets the customers' strategic business goals. Each project should contain an executive summary or customer facing presentation, and files supporting a complete understanding of the entire project details. All projects will be reviewed for mastery within the categories of Business Enablement, Technology Strategy and Solution Planning.

Topics that must be addressed in the initial submission packet include:

### **Business Enablement**

Mastery of topics within the Business Enablement category that must be conveyed within the project files are broad and will vary by customer. They include, but in no way are limited to understanding the customer business direction, how they are organized and how IT resources are consumed and funded. The projects must show an understanding of the IT maturity level of the organization, the application stack that runs the business, and how the solution can be presented in business terms with compliance, security and risk management addressed throughout.

- Business Direction
- Business Organization
- Continuous Innovation
- Resource Consumption Model
- Strategic Business Plan
- Maturity Models
- Risk Management
- Solution Business Case
- Lifecycle
- Application Roadmap
- Compliance and Security

### **Technology Strategy**

Technology Strategy looks at the architecture decisions made and seeks to understand the mastery of mapping the technology and IT capabilities to that of the business direction, and defending those decisions within the context of the business requirements. Insights to innovation, risk management, compliance and security are looked at as well.

- Architecture Decisions
- Technology Portfolio
- Business and IT Alignment
- Technology Innovation
- Maturity Models
- Risk Management
- Compliance and Security

### **Solution Planning**

Solution Planning is the final aspect of project review. A display of understanding of how the technology will be implemented within the operating model including SLA/SLO considerations. It shows an understanding of all applications and system interdependencies and all functional and non-functional requirements.

- Operating Model
- Assumptions
- SLA/SLO
- System Context
- Risk Management
- Maturity Models
- Functional and non-Functional requirements

If the minimum score or higher is achieved, an invitation will be extended to appear before the board at a scheduled quarterly board review meeting. It is at that board review that the project containing Dell Technologies components and solution will be presented and the board will ask question concerning that specific project.

### **Required Training**

You must complete the following course to begin the submission process:

<b>Course Title</b>	<b>Course Number</b>	<b>Mode</b>	<b>Available as of</b>
Dell Certified Master Enterprise Architect - Application Submission	MR-1WP-MASTEEAAS	eLearning	02/22/2018

### **Optional Training**

The following courses and exams are not a formal part of this Dell Technologies Proven Professional Master Enterprise Architect certification or submission but are recommended for those needing to meet the minimum pre-requisite certification requirements for submission:

<b>Course</b>	<b>Mode</b>	<b>Availability</b>
Cloud Infrastructure and Services MR-9LP-CISV3 MR-1TP-CISV3-0219	Virtual On Demand	2/26/2018
Cloud Infrastructure Planning and Design MR-1CP-ETCIPD MR-1LP-ETCIPD MR-1TP-ETCIPD-142	Classroom Virtual On Demand	2/26/2018

Note: These certification description details reflect contents as of **April 30<sup>th</sup>, 2018**.



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

## Master - Enterprise Architect Version 1.0

### Board Review Description



Board Review:  
1 Project

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#### **Overview**

This board review is a qualifying requirement for the Dell Certified Master-Enterprise Architect (DCM-EA) track.

The board review focuses on the articulation of the project presented and the ability to answer questions to further display mastery of the design and architecture.

If the initial submission achieved the minimum score of higher, the master candidate will receive an invitation to appear before the board to present one project.

That in-person presentation consists of a 30-minute formal presentation followed by a 45 minute question and answer period.

In addition to the categories the project was evaluated against in the application submission phase, the board review adds evaluation of an in-person presentation and assesses architectural approach and thinking.

#### **Products**

The project selected for presentation at the board review must include Dell Technologies products/solutions.

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