

# DELL EMC PROVEN™ PROFESSIONAL CERTIFICATION FRAMEWORK



A comprehensive education and certification program which develops and validates skills required to advance your career and drive digital transformation. Design, deploy, manage, support and leverage Dell EMC Information Infrastructure, Converged infrastructure, Cloud or Big Data solutions.

Function	Track	Product Family
PLAN AND DESIGN	<b>Cloud Architect</b> EPCI	Cloud
	<b>Technology Architect</b> EP	Data Storage, Data Protection
	<b>Design Engineer</b> EP	Converged Infrastructure
DEPLOY	<b>Implementation Engineer</b> EP	Cloud, Data Storage, Data Protection, Converged Infrastructure
	<b>Product/Technology</b> EPC	Converged, Software-defined
	<b>Dell Certified</b> EPC	Data Storage, Networking, Servers
MANAGE	<b>Systems Administrator</b> EPC	Cloud, Data Storage, Data Protection, Converged Infrastructure
	<b>Administration Engineer</b> EPC	Converged Infrastructure
	<b>Product/Technology</b> EPC	Converged, Software-defined
	<b>Dell Certified</b> EPC	Data Storage, Networking, Servers
SUPPORT	<b>Platform Engineer</b> EP	Data Storage
	<b>Technical Support Engineer</b> EP	Scale-out Storage
	<b>Dell Certified</b> EP	Data Storage, Networking, Servers
TECHNOLOGY	<b>Cloud Infrastructure and Services</b> EPCI	Not product aligned
	<b>Information Storage</b> EPCI	Not product aligned
	<b>Data Protection</b> EPCI	Not product aligned
	<b>Data Science</b> EPCI	Not product aligned

Most paths require an Associate credential as a prerequisite. Refer to the exam roadmap for details.

As of November 2017

Employees, **Partners**, **Customers**, **Industry**: Unique Open certifications focused on technology concepts and principles in Information Storage, Cloud, Big Data and Data Protection.

# PLAN AND DESIGN CERTIFICATION FRAMEWORK



		Associate	Specialist	Expert
PLAN AND DESIGN	<b>Cloud Architect</b> <span style="color: green;">EPCI</span>	Cloud Infrastructure and Services or Information Storage and Management	Cloud Infrastructure	Cloud Services
	<b>Technology Architect</b> <span style="color: red;">EP</span>	Information Storage and Management	Midrange Storage XtremIO VMAX3 VNX Isilon	VMAX3 VNX
		Data Protection and Management or Information Storage and Management	Backup Recovery Solutions	Backup Recovery Solutions
<b>Design Engineer</b> <span style="color: red;">EP</span>	Converged Infrastructure Foundations	Converged Infrastructure - Vblock	Converged Infrastructure - Vblock	

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# PLAN AND DESIGN EXAM ROADMAP



Track	Specialty	Associate	Specialist	Expert
Cloud Architect	Cloud Infrastructure and Services	Cloud Infrastructure and Services v2 <b>E10-002</b>	Cloud Infrastructure <b>E20-020</b>	Cloud Services <b>E20-920</b>
		or Information Storage and Management v3 <b>E05-001</b>		
Technology Architect	Midrange Storage Solutions	Information Storage and Management v3 <b>E05-001</b>	Midrange Storage Solutions <b>DES-1D11</b>	
	XtremIO Solutions	Information Storage and Management v3 <b>E05-001</b>	XtremIO Solutions <b>E20-526</b>	
	VMAX3 Solutions	Information Storage and Management v3 <b>E05-001</b>	VMAX3 Solutions <b>E20-542</b>	VMAX3 Solutions <b>E20-807</b>
	VNX Solutions	Information Storage and Management v3 <b>E05-001</b>	VNX Solutions <b>E20-545</b> & VNX Solutions Design <b>E20-324</b>	VNX Solutions <b>E20-880</b>
	Isilon Solutions	Information Storage and Management v3 <b>E05-001</b>	Isilon Solutions <b>E20-555</b>	
	Backup Recovery Solutions	Data Protection and Management <b>E10-005</b> or Information Storage and Management v3 <b>E05-001</b>	Backup Recovery Solutions <b>E20-591</b> & Backup Recovery Solutions Design <b>E20-329</b>	Backup Recovery Solutions <b>E20-891</b>

Track	Specialty	Associate	Engineer†	Master Engineer
Design Engineer	Converged Infrastructure - Vblock	Converged Infrastructure Foundations**	Converged Infrastructure - Vblock <b>200-010</b>	Converged Infrastructure - Vblock <b>300-010</b>

\* For details about certification-aligned training, visit [education.EMC.com/Certification](http://education.EMC.com/Certification).

\*\* Dell EMC Converged Infrastructure and Hyper Converged Infrastructure course VCE-1WP-FOUNDV1 is available at [education.EMC.com](http://education.EMC.com).

The Converged Infrastructure Foundations exam will be retiring on December 14, 2017. Converged Systems and Hybrid Cloud Platforms exam available starting December 15, 2017.

# DEPLOY CERTIFICATION FRAMEWORK



DEPLOY	Implementation Engineer	Associate	Specialist	Expert	
		Cloud Infrastructure and Services or ISM	Enterprise Hybrid Cloud		
		Information Storage and Management	Unity XtremIO VMAX All Flash and VMAX3 VNX Isilon SAN ECS RecoverPoint VPLEX	VMAX3 VNX	
		Data Protection and Management or ISM	Avamar NetWorker Data Domain	Avamar NetWorker	
	VCE Converged Infrastructure Foundations	Converged Infrastructure			
	Product / Technology	EPC	VxRail ViPR SRM ScaleIO		
	Certified	EPC	Associate	Professional	
			PowerEdge	PowerEdge	
			Networking	Networking	
			Storage	PS Series SC Series	

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# DEPLOY EXAM ROADMAP



Track	Specialty	Associate	Specialist	Expert	
Implementation Engineer	Enterprise Hybrid Cloud Solutions	Cloud Infrastructure and Services v2 or Information Storage and Management v3	<b>E10-002</b> <b>E05-001</b>	Enterprise Hybrid Cloud Solutions <b>E20-356</b>	
	Unity Solutions	Information Storage and Management v3	<b>E05-001</b>	Unity Solutions <b>E20-393</b>	
	XtremIO Solutions	Information Storage and Management v3	<b>E05-001</b>	XtremIO Solutions <b>E20-368</b>	
	VMAX All Flash and VMAX3 Solutions	Information Storage and Management v3	<b>E05-001</b>	VMAX All Flash and VMAX3 Solutions <b>E20-307</b>	VMAX3 Solutions <b>E20-807</b>
	Symmetrix Solutions	Information Storage and Management v3	<b>E05-001</b>	Symmetrix Solutions <b>E20-335</b>	Symmetrix Solutions <b>E20-818</b>
	VNX Solutions	Information Storage and Management v3	<b>E05-001</b>	VNX Solutions <b>E20-390</b>	VNX Solutions <b>E20-885</b>
	Isilon Solutions	Information Storage and Management v3	<b>E05-001</b>	Isilon Solutions <b>E20-357</b>	
	Storage Area Network (SAN)	Information Storage and Management v3	<b>E05-001</b>	Storage Area Network (SAN) <b>E20-351</b>	Storage Area Network (SAN) <b>E20-855</b>
	Elastic Cloud Storage (ECS)	Information Storage and Management v3	<b>E05-001</b>	Elastic Cloud Storage (ECS) <b>DES-1B21</b>	
	RecoverPoint	Information Storage and Management v3	<b>E05-001</b>	RecoverPoint <b>E20-375</b>	
	VPLEX	Information Storage and Management v3	<b>E05-001</b>	VPLEX <b>E20-260</b>	
	Avamar	Data Protection and Management or Information Storage and Management v3	<b>E10-005</b> <b>E05-001</b>	Avamar <b>E20-594</b>	Avamar <b>E20-895</b>
	NetWorker	Data Protection and Management or Information Storage and Management v3	<b>E10-005</b> <b>E05-001</b>	NetWorker <b>E20-593</b>	NetWorker <b>E20-893</b>
	Data Domain	Data Protection and Management or Information Storage and Management v3	<b>E10-005</b> <b>E05-001</b>	Data Domain <b>E20-385</b>	
Converged Infrastructure	Converged Systems and Hybrid Cloud Platforms** or VCE Converged Infrastructure Foundations**	<b>DEA-64T1</b>	Converged Infrastructure <b>DES-6121</b>		
Product / Techonlogy	VxRail Appliance 4.x	VxRail Appliance 4.x	<b>E22-285</b>		
	ViPR SRM 4.x Storage Resource Management	ViPR SRM 4.x Storage Resource Management	<b>E22-265</b>		
	ScaleIO 2.x Server-Based SAN	ScaleIO 2.x Server-Based SAN	<b>E22-214</b>		

Track	Specialty	Associate	Engineer	Master Engineer
Implementation Engineer	Converged Infrastructure - Virtualization	Converged Infrastructure Foundations**	Core Deployment and Implementation <b>210-010</b> <sup>§</sup> & Virtualization <b>210-015</b>	Complete all 4 Implementation Engineer credentials to achieve your Master Implementation Engineer credential.
	Converged Infrastructure - Compute	Converged Infrastructure Foundations**	Core Deployment and Implementation <b>210-010</b> <sup>§</sup> & Compute <b>210-020</b>	
	Converged Infrastructure - Network	Converged Infrastructure Foundations**	Core Deployment and Implementation <b>210-010</b> <sup>§</sup> & Network <b>210-025</b>	
	Converged Infrastructure - Storage	Converged Infrastructure Foundations**	Core Deployment and Implementation <b>210-010</b> <sup>§</sup> & Storage <b>210-030</b>	

Track	Specialty	Associate	Professional
Dell Certified	PowerEdge (DCPPE)	PowerEdge	PowerEdge <b>DCPPE-200</b>
	Storage - PS Series (DSDPS)	Storage	PS Series <b>DSDPS-200</b>
	Storage - SC Series (DSDPS)	Storage	SC Series <b>DSDSC-200</b>
	Networking (DNDNS)	Networking	Networking <b>DNDNS-200</b>

\* For details about certification-aligned training, visit [education.EMC.com/Certification](http://education.EMC.com/Certification).

\*\* Dell EMC Converged Infrastructure and Hyper Converged Infrastructure course VCE-1WP-FOUNDV1 is available at [education.EMC.com](http://education.EMC.com).

The Converged Infrastructure Foundations exam will be retiring on December 14, 2017. Converged Systems and Hybrid Cloud Platforms exam available starting December 15, 2017.

§ Core Deployment and Implementation 210-010 exam was discontinued on July 27, 2017.

∞ Associate-level credential is not a prerequisite to achieve a Dell Professional level credential.

# MANAGE CERTIFICATION FRAMEWORK



<b>MANAGE</b>	<b>Systems Administrator</b> <span style="color: red;">E</span> <span style="color: green;">P</span> <span style="color: blue;">C</span>	Associate	Specialist	Expert
		Cloud Infrastructure and Services or ISM	Enterprise Hybrid Cloud Core	
		Information Storage and Management	Unity XtremIO VMAX All Flash and VMAX3 VNX Isilon SAN RecoverPoint VPLEX	VMAX3
	Data Protection and Management or ISM	Avamar NetWorker Data Domain		
	<b>Product / Technology</b> <span style="color: red;">E</span> <span style="color: green;">P</span> <span style="color: blue;">C</span>	ViPR SRM ScaleIO		
	<b>Dell Certified</b> <span style="color: red;">E</span> <span style="color: green;">P</span> <span style="color: blue;">C</span>	Associate	Professional	
PowerEdge		PowerEdge		
Networking		Networking		
Storage	PS Series SC Series			

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# MANAGE EXAM ROADMAP



Track	Specialty	Associate	Specialist	Expert	
Systems Administrator	Enterprise Hybrid Cloud Solutions	Cloud Infrastructure and Services v2 or Information Storage and Management v3	E10-002 E05-001	Enterprise Hybrid Cloud Solutions E20-266	
	Unity Solutions <sup>§</sup>	Information Storage and Management v3	E05-001	Unity Solutions E20-393	
	XtremIO Solutions	Information Storage and Management v3	E05-001	XtremIO Solutions E20-568	
	VMAX All Flash and VMAX3 Solutions	Information Storage and Management v3	E05-001	VMAX All Flash and VMAX3 Solutions E20-507	VMAX3 Solutions E20-807
	Symmetrix Solutions <sup>§</sup>	Information Storage and Management v3	E05-001	Symmetrix Solutions E20-517	Symmetrix Solutions E20-814
	VNX Solutions	Information Storage and Management v3	E05-001	VNX Solutions E20-547	
	Isilon Solutions	Information Storage and Management v3	E05-001	Isilon Solutions E20-559	
	Storage Area Network (SAN)	Information Storage and Management v3	E05-001	Storage Area Network (SAN) E20-532	
	RecoverPoint	Information Storage and Management v3	E05-001	RecoverPoint E20-575	
	VPLEX	Information Storage and Management v3	E05-001	VPLEX E20-562	
	Avamar	Data Protection and Management or Information Storage and Management v3	E10-005 E05-001	Avamar E20-598	
	NetWorker	Data Protection and Management or Information Storage and Management v3	E10-005 E05-001	NetWorker E20-597	
Data Domain	Data Protection and Management or Information Storage and Management v3	E10-005 E05-001	Data Domain E20-585		

Product / Technology	Associate	Specialist	Expert
ViPR SRM 4.x Storage Resource Management	ViPR SRM 4.x Storage Resource Management	E22-265	
ScaleIO 2.x Server-Based SAN	ScaleIO 2.x Server-Based SAN	E22-214	

Track	Specialty	Associate	Engineer <sup>†</sup>	Master Engineer
Administration Engineer	Converged Infrastructure - Vblock	Converged Infrastructure Foundations**	Converged Infrastructure - Vblock 220-010	Converged Infrastructure - Vblock 320-010

Track	Specialty	Associate™	Professional
Dell Certified	PowerEdge (DCPPE)	PowerEdge DCAPE-100	PowerEdge DCPPE-200
	Storage - PS Series (DSDPS)	Storage DCAS-100	PS Series DSDPS-200
	Storage - SC Series (DSDSC)	Storage DCAS-100	SC Series DSDSC-200
	Networking (DNDNS)	Networking DCAN-100	Networking DNDNS-200

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\*\* Dell EMC Converged Infrastructure and Hyper Converged Infrastructure course VCE-1WP-FOUNDV1 is available at [education.EMC.com](http://education.EMC.com).

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# SUPPORT CERTIFICATION FRAMEWORK



		Associate	Specialist	Expert
<b>SUPPORT</b>	<b>Platform Engineer</b> EP	Information Storage and Management	XtremIO VMAX All Flash and VMAX3 VMAX Family VNX Isilon	
	<b>Technical Support Engineer</b> EP	Information Storage and Management	Isilon	
		Associate	Professional	
<b>Dell Certified</b> EPC		PowerEdge	PowerEdge	
		Networking	Networking	
		Storage	PS Series SC Series	

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# SUPPORT EXAM ROADMAP



Track	Specialty	Associate		Specialist	Expert
Platform Engineer	XtremIO	Information Storage and Management v3	E05-001	XtremIO	E20-668
	VMAX All Flash and VMAX3	Information Storage and Management v3	E05-001	VMAX All Flash and VMAX3	DES-1141
	VMAX Family	Information Storage and Management v3	E05-001	VMAX Family	E20-624
	VNX	Information Storage and Management v3	E05-001	VNX	E20-690
	Isilon	Information Storage and Management v3	E05-001	Isilon	E20-655

Technical Support Engineer	Isilon	Information Storage and Management v3	E05-001	Isilon	E20-657
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Track	Specialty	Associate		Professional	
Dell Certified	PowerEdge (DCPPE)	PowerEdge	DCAPE-100	PowerEdge	DCPPE-200
	Storage (DSDPS)	Storage	DCAS-100	PS Series	DSDPS-200
		Storage	DCAS-100	SC Series	DSDSC-200
	Networking (DNDNS)	Networking	DCAN-100	Networking	DNDNS-200

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# TECHNOLOGY CERTIFICATION FRAMEWORK



TECHNOLOGY	Technology Focused	EPCI	Associate	Specialist	Expert	
			Information Storage	Storage, Data Protection and Cloud Tracks		
			Cloud Infrastructure and Services	Cloud Tracks		
			Data Protection	Data Protection Tracks		
			Converged Infrastructure and Hybrid Cloud Platforms	Converged Infrastructure and Enterprise Hybrid Cloud tracks		
			Data Science	Advanced Analytics		

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# TECHNOLOGY-FOCUSED EXAM ROADMAP



Track	Specialty	Associate	Specialist	Expert
<b>Technology Focused</b>	Cloud Infrastructure and Services (DECA-CIS)	Cloud Infrastructure and Services v2 <b>E10-002</b>	Cloud Tracks	
	Information Storage (DECA-ISM)	Information Storage and Management v3 <b>E05-001</b>	Storage, Data Protection and Cloud Tracks	
	Data Protection and Management (DECA-DPM)	Data Protection and Management <b>E10-005</b>	Data Protection Tracks	
	Converged Infrastructure and Hybrid Cloud Platforms (DECA-CIHC)	Converged Systems and Hybrid Cloud Platforms** <b>DEA-64T1</b>	Converged Infrastructure Tracks	
	Data Science (DECA-DS)	Data Science and Big Data Analytics <b>E20-007</b>	Advanced Analytics <b>E20-065</b>	

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\*\* Converged Systems and Hybrid Cloud Platforms exam available starting December 15, 2017.