

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



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

As of May 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
 <b>PLAN AND DESIGN</b>	EPCI	<b>Cloud Architect</b>	Cloud Infrastructure and Services or ISM	Cloud Infrastructure	Cloud Services	
	EP	<b>Technology Architect</b>	Information Storage and Management	XtremIO, VMAX3, VNX, Isilon, Availability Solutions	VMAX3, VNX	
			Data Protection and Management or ISM	Backup Recovery Solutions	Backup Recovery Solutions	
	EP	<b>Design Engineer</b>	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 EMCCA	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 EMCTA	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>	
		EMC Availability Solutions	Information Storage and Management v3 <b>E05-001</b>	EMC Availability Solutions <b>E20-588</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 VCE - CIDE	Converged Infrastructure - Vblock	Converged Infrastructure Foundations**	Converged Infrastructure - Vblock <b>200-010</b>	Converged Infrastructure - Vblock <b>300-010</b>

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

\*\* Dell EMC Converged Infrastructure and Hyper Converged Infrastructure course VCE-1WP-FOUND1 is available at [education.EMC.com](http://education.EMC.com).

† Design Engineer-level credential is not a prerequisite to achieve Master Design Engineer credential.

# DEPLOY CERTIFICATION FRAMEWORK







			Associate	Specialist	Expert	
DEPLOY		EP	<b>Cloud Engineer</b>	Cloud Infrastructure and Services or ISM	Enterprise Hybrid Cloud	
		EP	<b>Implementation Engineer</b>	Information Storage and Management	Unity, XtremIO, VMAX All Flash and VMAX3, VNX, Isilon, SAN, CAS, RecoverPoint, VPLEX	VMAX3, VNX
				Data Protection and Management or ISM	Avamar, NetWorker, Data Domain	Avamar, NetWorker
	EPC	<b>Product / Technology</b>	VxRail, ViPR SRM, ScaleIO, Data Protection Advisor			
		EP	<b>Implementation Engineer</b>	Converged Infrastructure Foundations	Converged Infrastructure - Virtualization Compute Network Storage	Converged Infrastructure - Vblock
		EPC	<b>Certified</b>	Associate	Professional	
				PowerEdge	PowerEdge	
				Networking	Networking	
				Storage	PS Series, SC Series	


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# DEPLOY EXAM ROADMAP

Track	Specialty	Associate	Specialist	Expert	
 <b>Cloud Engineer EMCCE</b>	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>	
	 <b>Implementation Engineer EMCIE</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>
Content Addressed Storage (CAS)		Information Storage and Management v3	<b>E05-001</b>	Content Addressed Storage (CAS) <b>E20-370</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>	
 <b>Product / Techonlogy</b>	VxRail Appliance 4.x	VxRail Appliance 4.x	<b>E22-285</b>		
	ViPR SRM 3.x Storage Resource Management	ViPR SRM 3.x Storage Resource Management	<b>E22-265</b>		
	ScaleIO 2.x Server-Based SAN	ScaleIO 2.x Server-Based SAN	<b>E22-214</b>		
	Data Protection Advisor 6.x	Data Protection Advisor 6.x	<b>E22-247</b>		

Track	Specialty	Associate	Engineer	Master Engineer
 <b>Implementation Engineer VCE-CIIE</b>	Converged Infrastructure - Virtualization	Converged Infrastructure Foundations**	Core Deployment and Implementation <b>210-010</b> & 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> & Compute <b>210-020</b>	
	Converged Infrastructure - Network	Converged Infrastructure Foundations**	Core Deployment and Implementation <b>210-010</b> & Network <b>210-025</b>	
	Converged Infrastructure - Storage	Converged Infrastructure Foundations**	Core Deployment and Implementation <b>210-010</b> & Storage <b>210-030</b>	

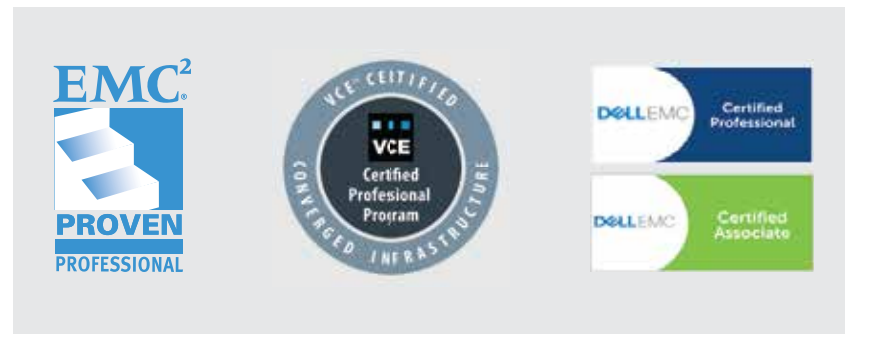
Track	Specialty	Associate™	Professional
 <b>Certified</b>	PowerEdge (DCPPE)	PowerEdge	<b>DCAPE-100</b> PowerEdge <b>DCPPE-200</b>
	Storage - PS Series (DSDPS)	Storage	<b>DCAS-100</b> PS Series <b>DSDPS-200</b>
	Storage - SC Series (DSDPS)	Storage	<b>DCAS-100</b> SC Series <b>DSDSC-200</b>
	Networking (DNDNS)	Networking	<b>DCAN-100</b> 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-FOUND1 is available at [education.EMC.com](http://education.EMC.com).

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

# MANAGE CERTIFICATION FRAMEWORK








			Associate	Specialist	Expert	
MANAGE		EPC	<b>Cloud Administrator</b>	Cloud Infrastructure and Services or ISM	Enterprise Hybrid Cloud	
		EPC	<b>Storage Administrator</b>	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	
	EPC	<b>Product / Technology</b>	ViPR SRM, ScaleIO, Data Protection Advisor			
		EPC	<b>Administration Engineer</b>	Converged Infrastructure Foundations	Converged Infrastructure - Vblock	Converged Infrastructure - Vblock
		EPC	<b>Certified</b>	Associate	Professional	
				PowerEdge	PowerEdge	
Networking				Networking		
			Storage	PS Series, SC Series		

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# MANAGE EXAM ROADMAP

Track	Specialty	Associate	Specialist	Expert	
 <b>Cloud Administrator EMCCAD</b>	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>E20-266</b>	
	 <b>Storage Administrator EMCSA</b>	Unity Solutions <sup>§</sup>	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>E20-568</b>	
VMAX All Flash and VMAX3 Solutions		Information Storage and Management v3	<b>E05-001</b>	VMAX All Flash and VMAX3 Solutions <b>E20-507</b>	VMAX3 Solutions <b>E20-807</b>
Symmetrix Solutions <sup>§</sup>		Information Storage and Management v3	<b>E05-001</b>	Symmetrix Solutions <b>E20-517</b>	Symmetrix Solutions <b>E20-814</b>
VNX Solutions		Information Storage and Management v3	<b>E05-001</b>	VNX Solutions <b>E20-547</b>	
Isilon Solutions		Information Storage and Management v3	<b>E05-001</b>	Isilon Solutions <b>E20-559</b>	
Storage Area Network (SAN)		Information Storage and Management v3	<b>E05-001</b>	Storage Area Network (SAN) <b>E20-532</b>	
RecoverPoint		Information Storage and Management v3	<b>E05-001</b>	RecoverPoint <b>E20-575</b>	
VPLEX		Information Storage and Management v3	<b>E05-001</b>	VPLEX <b>E20-562</b>	
Avamar		Data Protection and Management or Information Storage and Management v3	<b>E10-005</b> <b>E05-001</b>	Avamar <b>E20-598</b>	
NetWorker		Data Protection and Management or Information Storage and Management v3	<b>E10-005</b> <b>E05-001</b>	NetWorker <b>E20-597</b>	
Data Domain		Data Protection and Management or Information Storage and Management v3	<b>E10-005</b> <b>E05-001</b>	Data Domain <b>E20-585</b>	
 <b>Product / Techonlogy</b>	ViPR SRM 3.x Storage Resource Management	ViPR SRM 3.x Storage Resource Management	<b>E22-265</b>		
	ScaleIO 2.x Server-Based SAN	ScaleIO 2.x Server-Based SAN	<b>E22-214</b>		
	Data Protection Advisor 6.x	Data Protection Advisor 6.x	<b>E22-247</b>		
Track	Specialty	Associate	Engineer <sup>†</sup>	Master Engineer	
 <b>Administration Engineer VCE - CIAE</b>	Converged Infrastructure - Vblock	Converged Infrastructure Foundations**	Converged Infrastructure - Vblock <b>220-010</b>	Converged Infrastructure - Vblock <b>320-010</b>	
Track	Specialty	Associate <sup>∞</sup>	Professional		
 <b>Certified</b>	PowerEdge (DCPPE)	PowerEdge	<b>DCAPE-100</b>	PowerEdge <b>DCPPE-200</b>	
	Storage - PS Series (DSDPS)	Storage	<b>DCAS-100</b>	PS Series <b>DSDPS-200</b>	
	Storage - SC Series (DSDPS)	Storage	<b>DCAS-100</b>	SC Series <b>DSDSC-200</b>	
	Networking (DNDNS)	Networking	<b>DCAN-100</b>	Networking <b>DNDNS-200</b>	

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<sup>§</sup> Unity Solutions is aligned to Implementation Engineer track.

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<sup>†</sup> Administration Engineer-level credential is not a prerequisite to achieve Master Administration Engineer credential.

<sup>∞</sup> Associate-level credential is not a prerequisite to achieve a Dell Professional level credential.

# SUPPORT CERTIFICATION FRAMEWORK




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


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# SUPPORT EXAM ROADMAP

	Track	Specialty	Associate		Specialist		Expert
	Platform Engineer EMCPE	XtremIO	Information Storage and Management v3	<b>E05-001</b>	XtremIO	<b>E20-668</b>	
		VMAX Family	Information Storage and Management v3	<b>E05-001</b>	VMAX Family	<b>E20-624</b>	
		VNX	Information Storage and Management v3	<b>E05-001</b>	VNX	<b>E20-690</b>	
		Isilon	Information Storage and Management v3	<b>E05-001</b>	Isilon	<b>E20-655</b>	
		Centera	Information Storage and Management v3	<b>E05-001</b>	EMC Centera	<b>E20-670</b>	

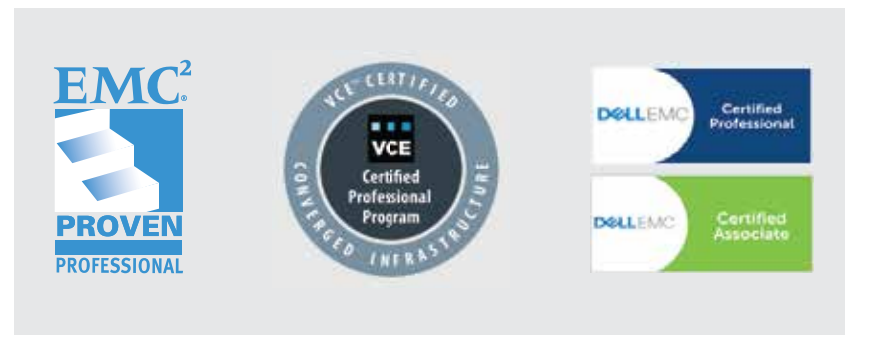
	Technical Support Engineer EMCTSE	Isilon	Information Storage and Management v3	E05-001	Isilon	E20-657	
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	Track	Specialty	Associate <sup>∞</sup>		Professional		
	Certified	PowerEdge (DCPPE)	PowerEdge	<b>DCAPE-100</b>	PowerEdge	<b>DCPPE-200</b>	
		Storage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

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# TECHNOLOGY CERTIFICATION FRAMEWORK



				Associate	Specialist	Expert
<b>TECHNOLOGY</b>		<b>EPCI</b>	<b>Technology Focused</b>	Information Storage	Storage, Data Protection and Cloud Tracks	
				Cloud Infrastructure and Services	Cloud Tracks	
				Data Protection	Data Protection Tracks	
				Data Science	Advanced Analytics	

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 Not all paths are shown. Visit [education.EMC.com/Certification](http://education.EMC.com/Certification) or [learndell.com/Certification](http://learndell.com/Certification) for details.

# TECHNOLOGY-FOCUSED EXAM ROADMAP



Track	Specialty	Associate	Specialist	Expert
<b>Technology Focused</b>	Information Storage (EMCISA)	Information Storage and Management v3	<b>E05-001</b>	Storage, Data Protection and Cloud Tracks
	Cloud Infrastructure and Services (EMCCIS)	Cloud Infrastructure and Services v2	<b>E10-002</b>	Cloud Tracks
	Data Protection and Management (EMCDPM)	Data Protection and Management	<b>E10-005</b>	Data Protection Tracks
	Data Science (EMCDSA / EMCDS)	Data Science and Big Data Analytics	<b>E20-007</b>	Advanced Analytics <b>E20-065</b>

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