

Dell EMC SCv3000 Series Technical Documents

The Dell EMC Midrange Storage Technical Solutions team is proud to announce the following assets that were released or updated in support of the new Dell EMC SCv3000 Series arrays.



Exchange

[Dell EMC SCv3020 7,000 Mailbox Exchange 2016 Resiliency Storage Solution using 7.2K drives](#)

This document describes the Dell EMC SCv3020 storage solution for Microsoft Exchange Server, based on the Microsoft Exchange Solution Reviewed Program (ESRP) – Storage program, with 7,000 mailboxes in two SCv3020 arrays containing 7.2K drives.

Author: Mark Boeser

[Dell EMC SCv3020 14,000 Mailbox Exchange 2016 Resiliency Storage Solution using 10K drives](#)

This document describes the Dell EMC SCv3020 storage solution for Microsoft Exchange Server, based on the Microsoft Exchange Solution Reviewed Program (ESRP) – Storage program, with 14,000 mailboxes in two SCv3020 arrays containing 10K drives.

Author: Mark Boeser

SQL Server

[8TB Data Warehouse Fast Track Reference Architecture for Microsoft SQL Server 2017 using Dell EMC PowerEdge R740 and SCv3020](#)

This paper describes the design principles and guidelines used to achieve an optimally balanced 8TB Data Warehouse Fast Track reference architecture for Microsoft SQL Server 2017 using Dell EMC PowerEdge R740 servers and Dell EMC SCv3020 arrays.

Author: Doug Bernhardt

[Deploying the 8TB Data Warehouse Fast Track Reference Architecture for Microsoft SQL Server 2017 using Dell EMC PowerEdge R740 and SCv3020](#)

This paper provides step-by-step instructions for building a balanced configuration for a Microsoft SQL Server data warehouse workload and requirements for preparing the hardware platform and provisioning the OS to achieve a balanced, optimized 8TB configuration.

Author: Doug Bernhardt

[100TB Data Warehouse Fast Track Reference Architecture for Microsoft SQL Server 2017 using Dell EMC PowerEdge R740 and SCv3020](#)

This paper describes the design principles and guidelines used to achieve an optimally balanced 100TB Data Warehouse Fast Track reference architecture for SQL Server 2017 using Dell EMC PowerEdge R740 servers and Dell EMC SCv3020 arrays.

Author: Doug Bernhardt

[Deploying the 100TB Data Warehouse Fast Track Reference Architecture for Microsoft SQL Server 2017 using Dell EMC PowerEdge R740 and SCv3020](#)

This paper provides step-by-step instructions for building a balanced configuration for a Microsoft SQL Server data warehouse workload and requirements for preparing the hardware platform and provisioning the OS to achieve a balanced, optimized 100TB configuration.

Author: Doug Bernhardt

Storage general

[Dell EMC Storage Cross-Platform Replication Solution Guide](#)

This paper explains cross-platform replication and provides typical use cases and requirements for asynchronous replication from Dell PS Series to Dell EMC SC Series storage. It has been updated to include SCv3000 and SC5020 information.

Author: David Glynn

Virtualization

[2,000 Persistent VMware View VDI Users on Dell EMC SCv3020 Storage](#)

This document describes a virtual desktop infrastructure (VDI) environment based on the Dell EMC SCv3020 array and VMware View.

Author: Damon Zaylskie

[Dell EMC SC Series Storage with SAS Front-end Support for Microsoft Hyper-V](#)

This document describes how to configure Microsoft Hyper-V hosts equipped with supported SAS HBAs to access SAN storage on select Dell EMC SC Series arrays with SAS front-end ports. It has been updated to include SCv3000 and SC5020 information.

Author: Marty Glaser

[Dell EMC SC Series Storage with SAS Front-end Support for VMware vSphere](#)

This document describes how to configure VMware vSphere hosts equipped with supported SAS HBAs to access SAN storage on select Dell EMC SC Series arrays with SAS front-end ports. It has been updated to include SCv3000 and SC5020 information.

Author: Chuck Armstrong

Click here to view the list of [SC Series assets](#) on Dell TechCenter.