

IBM Spectrum Storage™ sizing guideline for SAP® HANA™ TDI

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These tables provides general **performance sizing** rules for IBM System Storage, if used for SAP HANA workload

These performance rules applies **only** to SAP HANA **production** systems, non-prod systems like dev/test do not need a performance sizing, just a capacity sizing

Please consult your IBM sales representative or IBM Business Partner for an accurate sizing for your specific configuration

Scalability	# HANA prod systems	Minimum disk configuration – building blocks – DRAID 6
Storwize V5010E/V5030E	10/12	12 SSD for every 8 HANA systems
Storwize V5100/V7000-724	16/20	12 FlashCore Modules for every 20 HANA systems
Storwize V5100/V7000-724 4 way cluster	64/80	24 FlashCore Modules per Storwize
FlashSystem FS9110/FS9150	20/30	12 FlashCore Modules for every 20 HANA systems
FlashSystem FS9110/FS9150 4 way cluster	80/120	24 FlashCore Modules per FS9100
FlashSystem A9000R	48	For every 12 HANA systems: 1 Flash enclosures, plus 2 Grid controllers
FlashSystem 900 AE3	12	One Flash Module for every HANA system, minimum 6 Flash Modules
DS8884/6/8	16/32/48	16 Flash Cards for every 16 HANA systems
SVC 2145-SV1, 1/4 node pairs	25/100	max. number of HANA systems depends also on performance and the number of managed storage controller e.g. one node pair 2145 and one V5100: 16 HANA systems one node pair 2145 and two V5100: 25 HANA systems



Additional information:

This document: <https://www-03.ibm.com/support/techdocs/atmastr.nsf/WebIndex/FLASH10859>

[IBM System Storage Architecture and Configuration Guide for SAP HANA TDI](#)

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