

DVA / DSA Net size overview

Date: 17-09-2009

		RAID 4	RAID 4	RAID DP	RAID DP	RAID DP	RAID 5	RAID 5	Bandwidth	iSCSI sessions		
		0 spares	1 spares	0 spares	1 spares	2 spares	0 spares	1 spares				
		[GiB]	[GiB]	[GiB]	[GiB]	[GiB]	[GiB]	[GiB]	[Mbps]			
DVA	SCSI	DVA-08E-04050RA	Diskarray 8 bay 4 HDD SCSI Lite	-	-	-	1397	931	200	-		
		DVA-08E-08050RA	Diskarray 8 bay 8 HDD SCSI Lite	-	-	-	3260	2794	200	-		
		DVA-08E-04075RA	Diskarray 8 bay 4 HDD SCSI Lite	-	-	-	2095	1397	200	-		
		DVA-08E-08075RA	Diskarray 8 bay 8 HDD SCSI	-	-	-	4889	4191	200	-		
		DVA-08K-04050RA	Diskarray 8 bay 4 HDD SCSI	-	-	-	1397	931	200	-		
		DVA-08K-08050RA	Diskarray 8 bay 8 HDD SCSI	-	-	-	3260	2794	200	-		
		DVA-08K-04075RA	Diskarray 8 bay 4 HDD SCSI	-	-	-	2095	1397	200	-		
		DVA-08K-08075RA	Diskarray 8 bay 8 HDD SCSI	-	-	-	4889	4191	200	-		
		DVA-16K-08050RA	Diskarray 16 bay 8 HDD SCSI	-	-	-	3260	2794	200	-		
		DVA-16K-16050RA	Diskarray 16 bay 16 HDD SCSI	-	-	-	6985	6519	200	-		
		DVA-16K-08075RA	Diskarray 16 bay 8 HDD SCSI	-	-	-	4889	4191	200	-		
		DVA-16K-16075RA	Diskarray 16 bay 16 HDD SCSI	-	-	-	10477	9779	200	-		
		DVA-12T-04075RA	Diskarray 12bay 4 HDD iSCSI	-	-	-	2095	1397	200	48		
	DVA-12T-12075RA	Diskarray 12bay 12 HDD iSCSI	-	-	-	7683	6985	200	48			
DSA	iSCSI	DSA-N2B20-6AT	FAS2020 Base Unit 6x1000GB	3166	2533	2533	1900	1266	-	-	250	128+
		DSA-N2B20-12AT	FAS2020 Base Unit 12x1000GB	6965	6332	6332	5699	5065	-	-	250	128+
		DSA-N2B50-20AT	FAS2050 Base Unit 20x1000GB	n.a.	n.a.	11397	10764	10131	-	-	300	128+
		DSX-N2X00-14AT	DS14 Expansion Shelf 14x1000GB	n.a.	n.a.	7598	6965	6332	-	-	-	-
			FAS2050 XStage1 34x1000GB	n.a.	n.a.	18995	18362	17729	-	-	300	128+
			FAS2050 XStage2 48x1000GB	n.a.	n.a.	26594	25961	25327	-	-	300	128+
			FAS2050 XStage3 62x1000GB	n.a.	n.a.	34192	33559	32926	-	-	300	128+
			FAS2050 XStage4 76x1000GB	n.a.	n.a.	41790	41157	40524	-	-	300	128+
			FAS2050 XStage5 90x1000GB	n.a.	n.a.	49388	48755	48122	-	-	300	128+
			FAS2050 XStage6 104x1000GB	n.a.	n.a.	56986	56353	55720	-	-	300	128+

n.a.= Not Advised

Overhead: For a VRM and direct-to-iSCSI configurations you need to add 5% extra on top of the storage requirement (NVR overhead is 20%)
a 500GB HDD gives 476837 MB or 466 GB net storage
a 750GB HDD gives 715256 MB or 698 GB net storage
a 1000GB HDD gives 953674 MB / 931 GB net storage