

DVA / DSA Net size overview

Date: 15-06-2009

		RAID 4	RAID 4	RAID DP	RAID DP	RAID DP	RAID 5	RAID 5	Bandwidth	iSCSI			
		0 spares [GiB]	1 spares [GiB]	0 spares [GiB]	1 spares [GiB]	2 spares [GiB]	0 spares [GiB]	1 spares [GiB]	[Mbps]	sessions			
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	-			
		iSCSI	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-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 20x7500GB	n.a.	n.a.	8546	8072	7597	-	-	300	128+	
		DSX-N2X00-14AT	DS14 Expansion Shelf 14x750GB	FAS2050 XStage1 34x750GB	n.a.	n.a.	14244	13769	13295	-	-	300	128+
				FAS2050 XStage2 48x750GB	n.a.	n.a.	19942	19467	18992	-	-	300	128+
				FAS2050 XStage3 62x750GB	n.a.	n.a.	25639	25165	24690	-	-	300	128+
				FAS2050 XStage4 76x750GB	n.a.	n.a.	31337	30862	30387	-	-	300	128+
				FAS2050 XStage5 90x750GB	n.a.	n.a.	37035	36560	36085	-	-	300	128+
				FAS2050 XStage6 104x750GB	n.a.	n.a.	42732	42258	41783	-	-	300	128+

n.a.= Not Advised

Overhead: For a VRM and direct-to-iSCSI configurations you need to add 17% 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