

Utilizations

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Utilization Overview

Disclaimer: No guarantees are expressed or implied as to the correctness or accuracy of the performance prediction

FlashSystem 7300 #1 F57300 / 8.5.0

Peak IO/s Total I/O Rate (I/Os per second)

Utilizations	Amber Threshold	Red Threshold	7341	14681	22022	29362	36703	44044	51384	58725	66065	73406	80747	88087	95428	102768	110109	117450	124791	132132	139471	146812	154152	160000	164900	171800	178700	185600	192500	198196	205537	212877	220218	227559	
System Core	80%	80%	2.0%	4.0%	6.0%	8.0%	10.0%	12.0%	14.0%	16.0%	18.0%	20.0%	22.0%	24.0%	26.0%	28.0%	30.0%	32.0%	34.0%	36.0%	38.0%	40.0%	42.0%	43.5%	45.0%	46.0%	48.0%	50.0%	51.9%	53.9%	55.9%	57.9%	59.9%		
NVMe Drive Interface	80%	80%	0.2%	0.4%	0.6%	0.9%	1.1%	1.3%	1.5%	1.7%	1.9%	2.1%	2.4%	2.6%	2.8%	3.0%	3.2%	3.4%	3.7%	3.9%	4.1%	4.3%	4.5%	4.7%	4.7%	4.7%	4.9%	5.2%	5.4%	5.6%	5.8%	6.0%	6.2%	6.4%	
Highest SCM Drive	80%	80%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Highest NVMe Flash	80%	80%	0.9%	1.8%	2.6%	3.5%	4.4%	5.3%	6.2%	7.1%	7.9%	8.8%	9.7%	10.6%	11.5%	12.4%	13.2%	14.1%	15.0%	15.9%	16.8%	17.7%	18.6%	19.2%	19.2%	19.2%	20.3%	21.2%	21.1%	22.9%	23.8%	24.7%	25.6%	26.5%	
SAS Drive Interface	80%	80%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Highest Tier 0 SSD	80%	80%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Highest Tier 1 SSD	80%	80%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Highest Enterprise HDD	80%	80%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Highest Nearline HDD	80%	80%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Highest FC Adapter	80%	80%	0.3%	0.6%	1.0%	1.3%	1.6%	1.9%	2.3%	2.6%	2.9%	3.2%	3.6%	3.9%	4.2%	4.5%	4.9%	5.2%	5.5%	5.8%	6.1%	6.5%	6.8%	7.1%	7.1%	7.1%	7.4%	7.8%	8.1%	8.4%	8.7%	9.1%	9.4%	9.7%	10.0%
Highest FC Port	80%	80%	0.4%	0.8%	1.2%	1.6%	1.9%	2.3%	2.7%	3.1%	3.5%	3.9%	4.3%	4.7%	5.0%	5.4%	5.8%	6.2%	6.6%	7.0%	7.4%	7.8%	8.1%	8.5%	8.5%	8.5%	8.9%	9.3%	9.7%	10.1%	10.5%	10.9%	11.2%	11.6%	11.9%
Highest Ethernet Adapter	80%	80%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Highest Ethernet Port	80%	80%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Highest SAS Adapter	80%	80%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Highest SAS Port	80%	80%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Metro Mirror Write (MiB/s)			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Global Mirror Write (MiB/s)			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Indicação dos valores de medição de acordo com a carga de 160.000 IOPS, conforme TR

Indicação da operação a menos de 60% das controladoras