

Bandwidth Requirements to move X Bytes of data in Time Y

Scaling factor (bps) 1000

Bits per Second Requirements

1.1259E+16	10PB	25,020.0 Gbps	3,127.5 Gbps	1,042.5 Gbps	148.9 Gbps	34.7 Gbps
1.1259E+15	1PB	2,502.0 Gbps	312.7 Gbps	104.2 Gbps	14.9 Gbps	3.5 Gbps
1.09951E+14	100TB	244.3 Gbps	30.5 Gbps	10.2 Gbps	1.5 Gbps	339.4 Mbps
1.09951E+13	10TB	24.4 Gbps	3.1 Gbps	1.0 Gbps	145.4 Mbps	33.9 Mbps
1.09951E+12	1TB	2.4 Gbps	305.4 Mbps	101.8 Mbps	14.5 Mbps	3.4 Mbps
1.07374E+11	100GB	238.6 Mbps	29.8 Mbps	9.9 Mbps	1.4 Mbps	331.4 Kbps
10737418240	10GB	23.9 Mbps	3.0 Mbps	994.2 Kbps	142.0 Kbps	33.1 Kbps
1073741824	1GB	2.4 Mbps	298.3 Kbps	99.4 Kbps	14.2 Kbps	3.3 Kbps
104857600	100MB	233.0 Kbps	29.1 Kbps	9.7 Kbps	1.4 Kbps	0.3 Kbps
		1H	8H	24H	7Days	30Days
		3600	28800	86400	604800	2592000

Scaling factor (Bps) 8000

Bytes per Second Requirements

1.1259E+16	10PB	3,127.5 GBps	390.9 GBps	130.3 GBps	18.6 GBps	4.3 GBps
1.1259E+15	1PB	312.7 GBps	39.1 GBps	13.0 GBps	1.9 GBps	434.4 MBps
1.09951E+14	100TB	30.5 GBps	3.8 GBps	1.3 GBps	181.8 MBps	42.4 MBps
1.09951E+13	10TB	3.1 GBps	381.8 MBps	127.3 MBps	18.2 MBps	4.2 MBps
1.09951E+12	1TB	305.4 MBps	38.2 MBps	12.7 MBps	1.8 MBps	424.2 KBps
1.07374E+11	100GB	29.8 MBps	3.7 MBps	1.2 MBps	177.5 KBps	41.4 KBps
10737418240	10GB	3.0 MBps	372.8 KBps	124.3 KBps	17.8 KBps	4.1 KBps
1073741824	1GB	298.3 KBps	37.3 KBps	12.4 KBps	1.8 KBps	0.4 KBps
104857600	100MB	29.1 KBps	3.6 KBps	1.2 KBps	0.2 KBps	0.04 KBps
		1H	8H	24H	7Days	30Days
		3600	28800	86400	604800	2592000

 : No problem

 : not possible