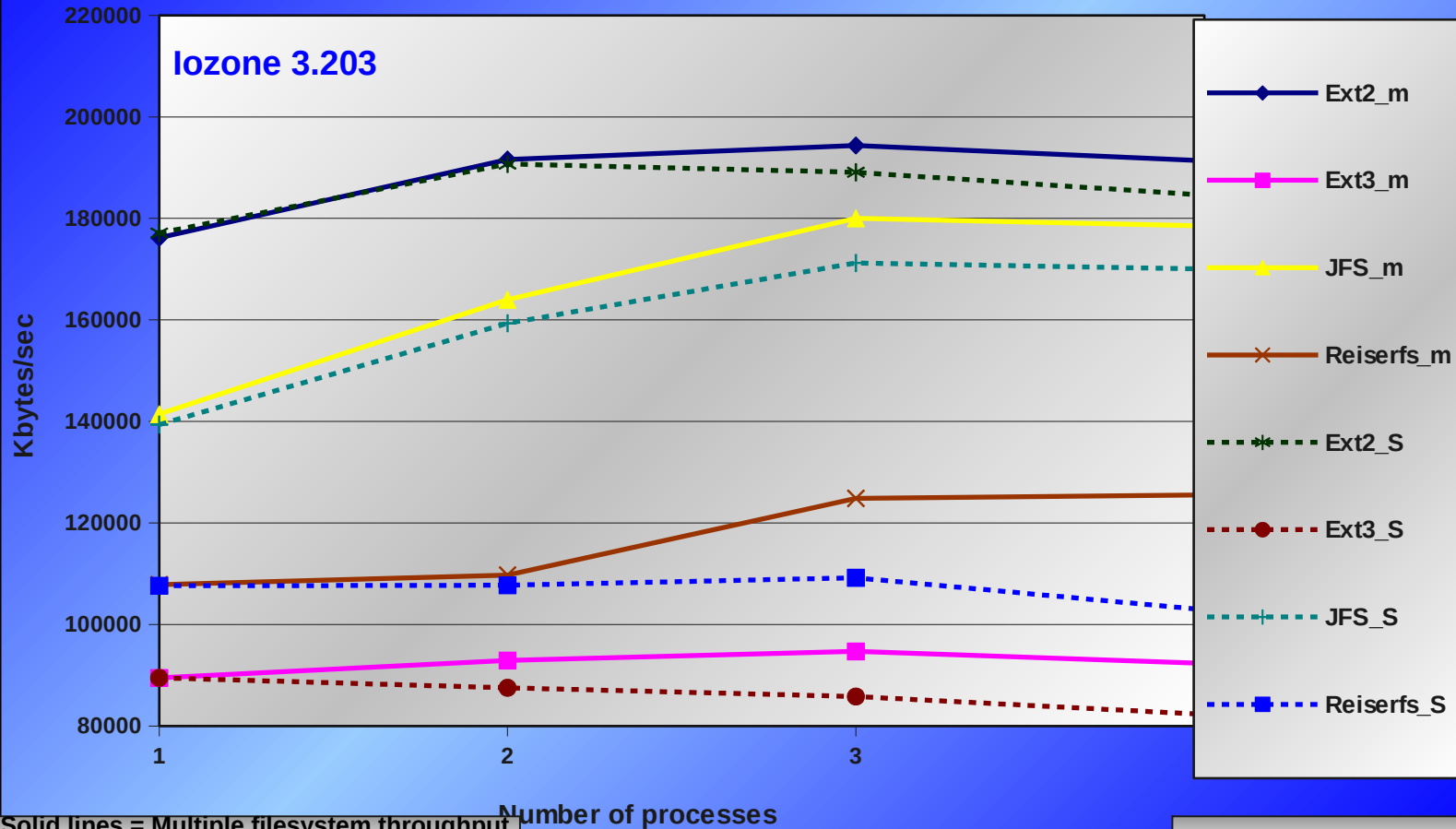


Date: 10/27/2003

Hardware diagram in Raw_data sheet

Write throughput scaling (Single/Multi-filesystem)



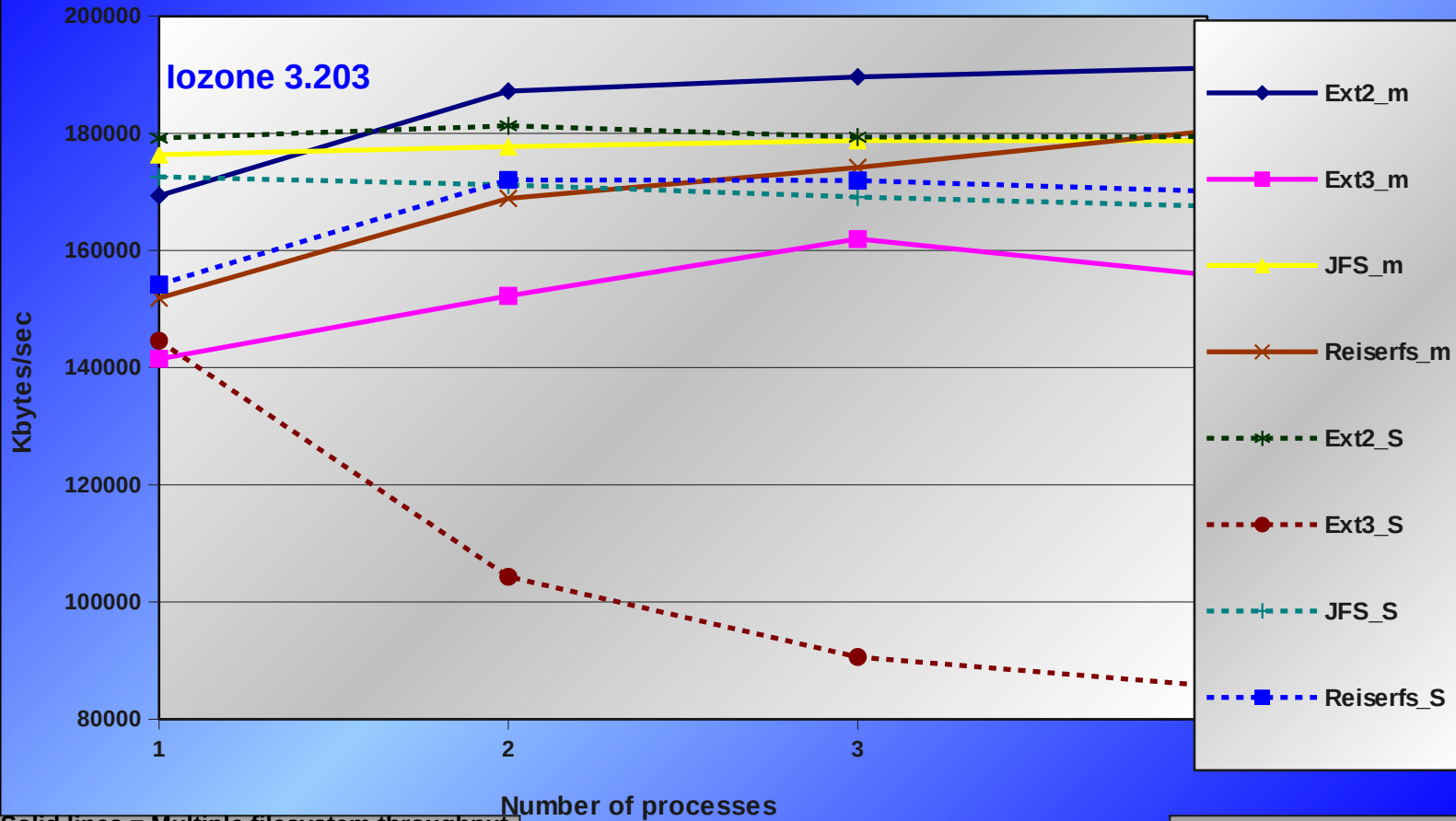
Solid lines = Multiple filesystem throughput
Dashed lines = Single filesystem throughput

<http://www.iozone.org>
Don Capps

Date: 10/27/2003

Hardware diagram in Raw_data sheet

Rewrite throughput scaling (Single/Multi-filesystem)



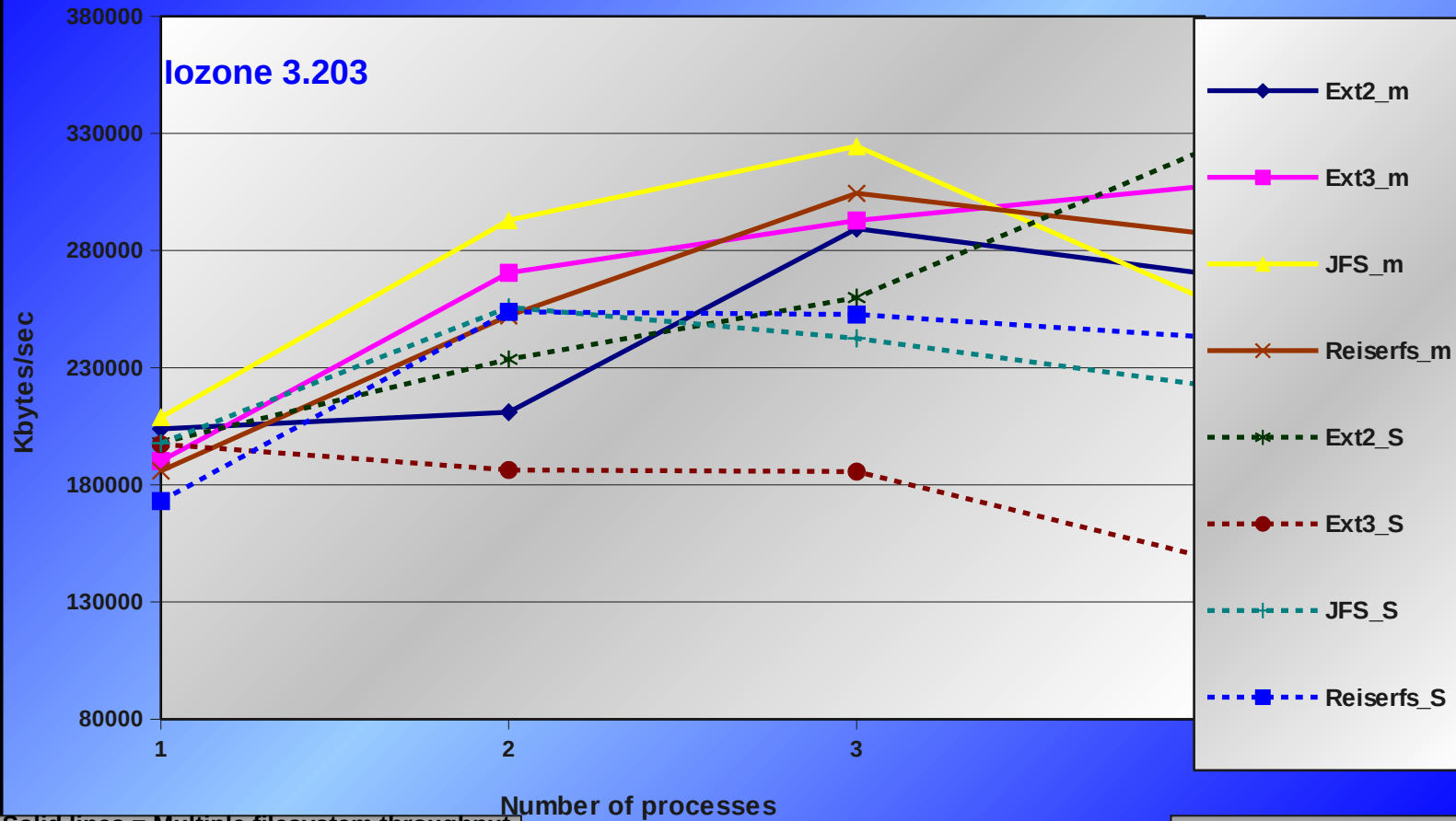
Solid lines = Multiple filesystem throughput
Dashed lines = Single filesystem throughput

<http://www.iozone.org>
Don Capps

Date: 10/27/2003

Hardware diagram in
Raw_data sheet

Read throughput scaling (Single/Multi-filesystem)



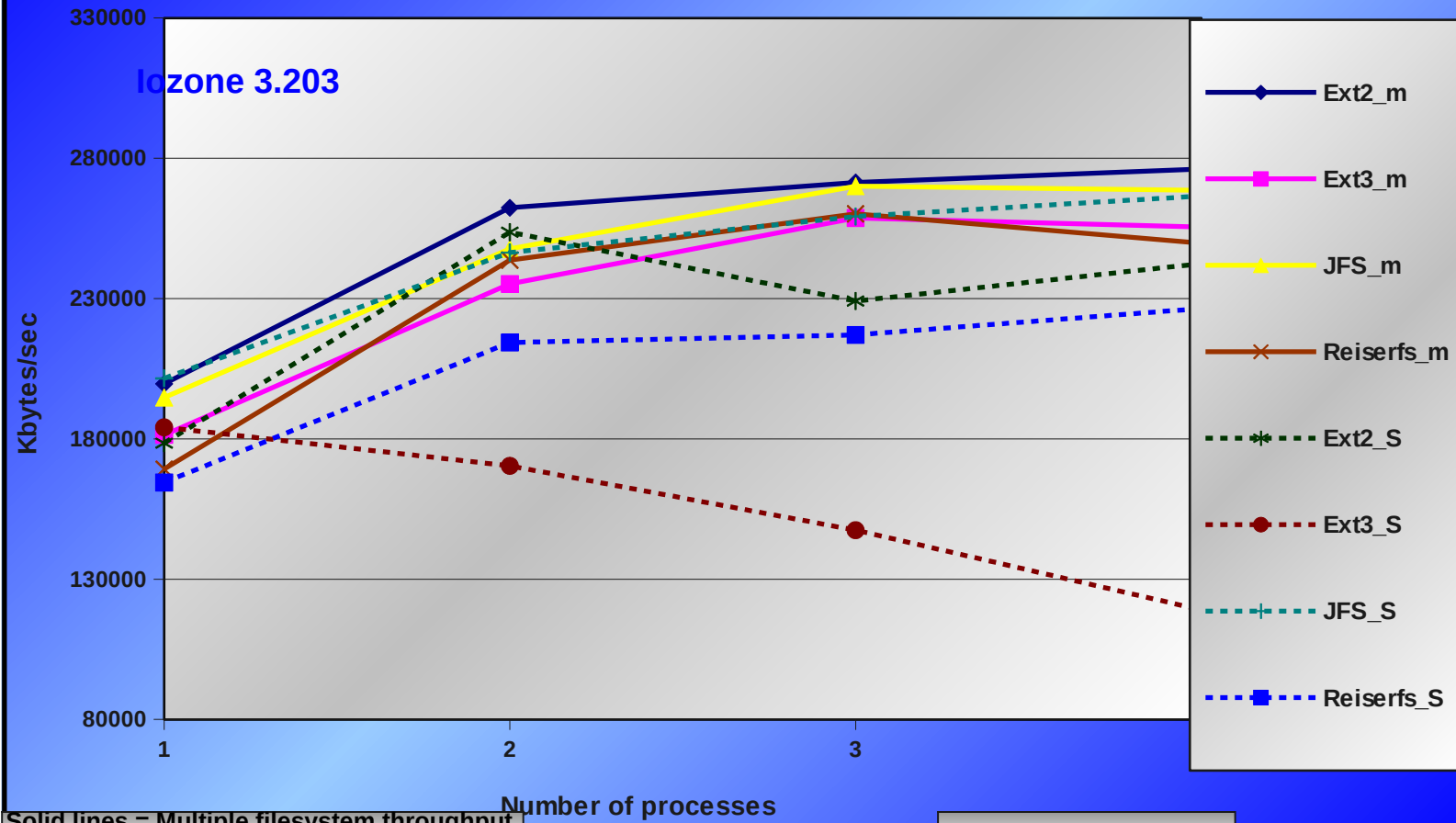
Solid lines = Multiple filesystem throughput
Dashed lines = Single filesystem throughput

<http://www.iozone.org>
Don Capps

Date: 10/27/2003

Hardware diagram in
Raw_data sheet

Reread throughput scaling (Single/Multi-filesystem)



Solid lines = Multiple filesystem throughput
Dashed lines = Single filesystem
throughput

<http://www.iozone.org>
Don Capps

Write

Ext2_m	176198	191601	194367	191335
Ext3_m	89459	92911	94718	92335
JFS_m	141458	163991	180034	178499
Reiserfs_nr	107853	109738	124865	125514
Ext2_S	177106	190716	189086	184588
Ext3_S	89497	87538	85814	82298
JFS_S	139371	159338	171215	170033
Reiserfs_S	107631	107733	109192	102915

Rewrite

Ext2_m	169351	187206	189640	191137
Ext3_m	141513	152257	161967	155876
JFS_m	176357	177714	178794	178755
Reiserfs_nr	151867	168891	174153	180345
Ext2_S	179171	181296	179352	179431
Ext3_S	144608	104307	90614	85724
JFS_S	172573	171186	169118	167577
Reiserfs_S	154192	172064	171949	170119

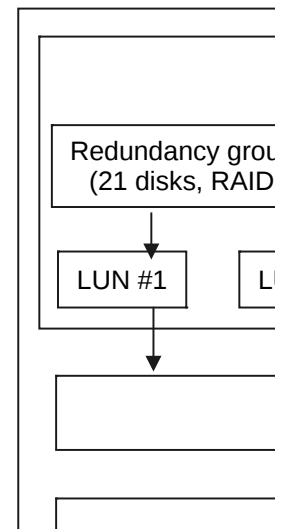
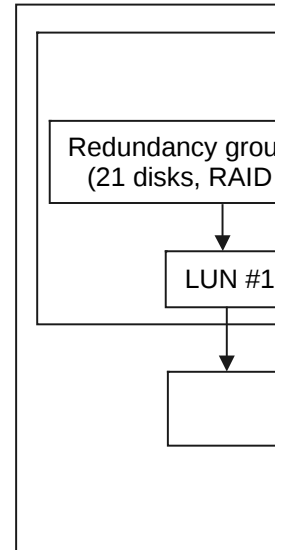
Read

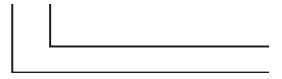
Ext2_m	203899	210997	289332	270144
Ext3_m	190138	270465	292807	307424
JFS_m	208820	292871	324490	259277
Reiserfs_nr	185997	252156	304353	287219
Ext2_S	197985	233557	259917	322974
Ext3_S	197318	186336	185650	149251
JFS_S	197786	255782	242510	222468
Reiserfs_S	173076	253825	252695	243117

Reread

Ext2_m	199603	262361	271363	276148
Ext3_m	181412	235212	258718	255527
JFS_m	194749	247735	270067	268632
Reiserfs_nr	169233	243693	260210	249760
Ext2_S	178509	253652	229122	242484
Ext3_S	184147	170396	147487	119075
JFS_S	201592	246397	259271	266575
Reiserfs_S	164442	214334	217055	226490

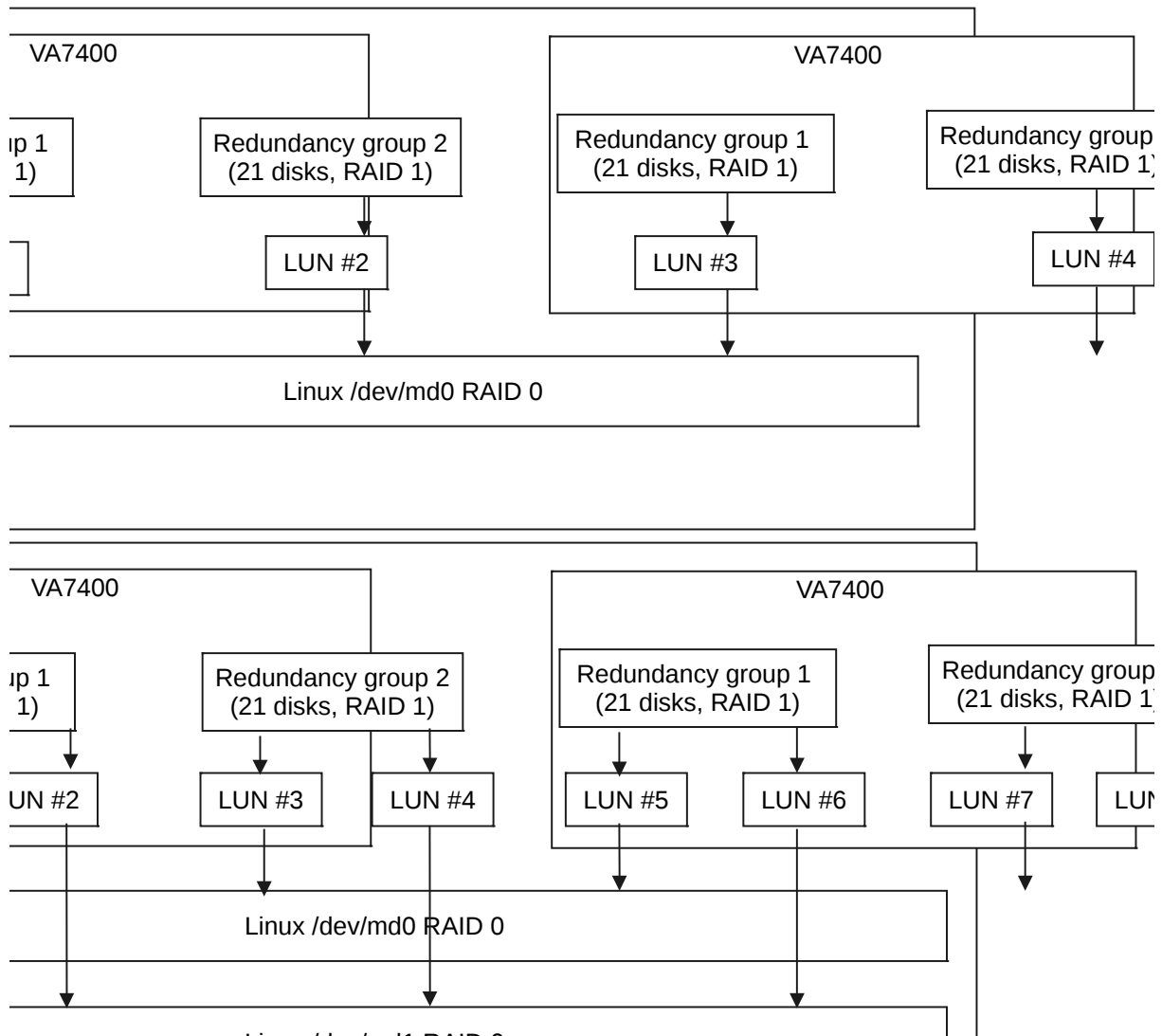
Compaq DL580. 4 CP
 2 Gbytes RAM.
 2 Fibre channel 2 gbit
 6 VA7400 disk arrays.
 Single filesystem testi
 that uses all of the VA
 filesystem. 1 to 4 proc
 one filesystem.
 Multi filesystem testi
 that use all of the VA7
 for each process that
 lozone is using 64 Kb
 The aggregate data si
 Linux kernel 2.4.20-19





'Us @1.9Ghz
 controllers
 ng was with RAID 0 LUN
 .7400 arrays, and one
 :esses running inside this

 g was with RAID 0 LUNs,
 '400 arrays, and one filesystem
 is testing.
 yte records and 1 to 4 processes.
 et is held constant at 4 Gbytes.
).9



Linux /dev/md1 RAID 0
