

Netware 286 DGroup 1 Memory Worksheet

Global Static Data	Range: 28-4
Item	Type
Operating System	
Disk Driver	
Disk Driver	
Disk Driver	
Disk Driver	
Lan Driver	
Lan Driver	
Lan Driver	
Lan Driver	
Total Global Static Data	

Process Stacks	Range: 7-11
Item	Quant
OS	1
TTS	
Spool	
Total Process Stack	

Volume & Monitor Tables	Range: 1-12
Item	Quant
Monitor	1
Volumes	
Disk Space	
Directories	
Total Tables	

Semi-Permanent Pool 1	
Item	Quant
Maps	
Drive Info	
Process	30
Semaphores	40
Remirror	
MAC	
Workstation	
Disk Acct	

Spool	
Queues	
QMS	
Volumes	0
VAPs	
Total Semi-Permanent Pool 1	

File Server Process Buffer	Size Calcula
Item	
Reply Buffer	
Workspace	
Stack	
Receive Buffer	
Each FSP Buffer	

DGroup RAM Allocation:

- Global Static Data
- Process Stacks
- Volume and Monitor Tables
- Dynamic Pool #1
- Available for FSP's

Number of File Server Processes Calculation

- Memory Available
- First Reply Buffer
- DMA Workaround
- RAM Remaining for FSP's
- Number of FSP's
- RAM Added back to Pool 1
- Total Pool 1
- "Free" Pool 1

FSP Patch Program

Workspace	1
Workspace	42
Max Patch Byte :	5888
New FSP's	5
Optimum Patch Byte:	5376

ostable

10 KB

Description	Bytes		
	0		
	0		
	0		
	0		
	0	FSP Buf	DMA
	0	0	0
	0	0	0
	0	0	0
	0	0	0
	0		

1 KB

Description	Bytes
Standard Netware Stacks	7136
Transaction Tracking	0
Printers on File Server	0
	7136

NICtable

2 KB

Description	Bytes
Console Monitor Table	84
Number Volumes Mounted	0
Total Meg (All Volumes)	0
Total Dir Entries (All Vols)	0
	84

Description	Bytes
System-wide Total Mappings	0
Number of Physical Drives	0
Process Control Blocks	840
System Semaphores	240
Number of Mirrored Drives	0
Number Open MAC Files	0
Number of Logged In PCs	0
Disk Accounting-if active	0

Total Spooled Print Jobs	0
Total Print Queues	0
Total Queue Servers	0
Total Number of Volumes	0
Total Number of VAPs	0

1080

ation

Description	Bytes
Reply Buffer	94
Workspace	106
Stack	768
Receive Buffer	0
	968

0

7136

84

16384

41932

41932

94

0

41838

43

214

16598

15518

First FSP Temp. Workspace	1024
Each Additional FSP	5376
Max Bytes Gained	9118
Actual Bytes Gained	5888

Max Wasted RAM	622
Optimum RAM moved	5266

Patch

Byte

1f

1e

1d

1c

1b

1a

10

19

18

17

16

15

14

13

12

10

0f

0e

0d

Actual RAM Moved	5,376	0c
Actual Wasted RAM	110	0b
RAM Req'd for Add. FSP	986	0a
		09
		08

Type	Description	Bytes
1	Netware 2.15 dedicated	28,454
2	Netware 2.15 non-dedicated	28,518
3	SFT Netware 2.15	28,444
4	SFT Netware 2.15 with TTS	28,596
5	Netware 2.15 C dedicated	28,466
6	Netware 2.15 C non-ded.	28,530
7	SFT Netware 2.15 C	28,466
8	SFT Netware 2.15 C w/TTS	28,608

Type	Description	Bytes
1	IBM AT controller	170
2	Novell DCB (AT bus)	783
3	IBM PS/2 mod 30 MFM	138
4	IBM PS/2 MFM	152
5	IBM PS/2 ESDI	180
6	ISADISK	292

Type	Description	Bytes	Buffer
1	NE1000	301	1024
2	NE2000	406	1024
3	NE/2	356	1024
4	NE2000 w/Appletalk	881	1024
5	NE/2 w/Appletalk	837	1024
6	Micom NP600	243	1024
7	COM 3C501	403	1024
8	COM 3C505	405	1024
9	COM 3C505 w/Appletalk	573	1024
10	COM 3C503	798	1024
11	COM 3C523 MC	258	1024
12	IBM Token Ring	644	1024
13	IBM Token Ring Source Route	3920	1024
14	RX-Net	256	512
15	RX-Net/2	259	512
16	SMC Arcnet	256	512
17	NL1000 & NL2	108	1024
18	Novell STAR	160	512

19StarLAN	103	512
20OmniNet	162	512
21IBM Cluster	1044	512
22IBM PC Network	606	1024
23IBM PC Network II	696	1024
24G/NET	241	1024
25ProNET-10	356	1024
26NetBios	1526	2048
27IBM Async	3203	512
28WNIM	9942	512
29Telebit PEP	9952	512

Bytes

01F
2561E
5121E
7681C
10241B
12801A
153610
179219
204818
230417
256016
281615
307214
332813
358412
384010
40960F
43520E
46080D

Macros

\0 /wgzy

\n {home}
 {app1}
 /lbcaqq
 /lbta1~qq
 /pcopq
 /prsa2..e83~g
 /pcolq
 /prsn2..ad20~g
 /q

\z {app4}

48640C

51200B

53760A

563209

588808

Disk And Directory Worksheet
Size

Volume Name KB MB

0
0
0
0
0
0
0
0
0

Total

Dgroup DMA

1992
1992
1992
1992
1992
1992 1
1992
1992 1
1992 1
1992 1
1992
1992
1992
1480
1480
1480
1992
1480

1480
1480
1480
1992
1992
1992
1992
3016
1480
1480
1480

1

	Directory				
Free	Free %	Max	Peak	Free	In Use
	0.00%				0
	0.00%				0
	0.00%				0
	0.00%				0
	0.00%				0
	0.00%				0
	0.00%				0
	0.00%				0
	0.00%				0
	0.00%				0
	0.00%				0
	0.00%				0
	0.00%				0
	0.00%				0
	0.00%				0
	0.00%				0
	0.00%				0
	0.00%				0
	0.00%				0
	0.00%	0	0	0	0

Scratch Space

Dirs

FSP Gain

0.00

0.00

0.00

0.00

0.00

0.00

0.00

0.00

0.00

0 0.00

0 0.00

0 0.00

0 0.00

0 0.00

0 0.00

0 0.00

0 0.00