

	A	B	C
1	IBM OS/2 LAN Server V. 1.30.1 .1 -- Configuration Worksheet Versi		
2	Questions to Answer:	Response:	
3	Tom Gordy -- GORDY @ DALVM41B (BCJ575A on PRODIGY)		
4	1. Server Name	SERVER01	(Machine Name)
5	2. Domain Name	DOMAIN01	
6	3. Total No. of DLR Reqs.	0	(0 if none)
7	4. DLR Reqs. with Windows	0	(# out of total DLR)
8	5. OS/2 Requesters	0	(0 if none)
9	6. No. of Additional. Servers	0	(0 if none)
10	7. No. of Apps Shared	0	(3 Shares/App)
11	8. Memory in Server	10	(MB, eg, 10)
12	9. DLRINST used at SRV	N	(Y/N)
13	10. No. of RIPL Requesters	0	(# out of total DLR)
14	11. No. of Home Directories	0	(# if assigned)
15	12. SRV used as Requester	N	(Y/N)
16	13. No. of File/Printer Aliases	0	(1 Share/Alias)
17	14. Application code on SRV	Y	(Y/N)
18	15. 16/4 TRN Adapter	Y	(Y/N)
19	16. Appl I/O Seqtl or Random	S	(S/R)
20			
21	PAGE DOWN FOR COMMUNICATIONS MANAGER OPTIONS AND ERRO		
22			
23	IBM OS/2 Ver 1.3 Communications Manager Options		
24	Questions to Answer:	Response:	
25			
26	Other NETBIOS applications	n	(Y/N)
27			
28			
29			
30			
31	IBM LAN Manager on SRV?	n	(Y/N)
32			
33	SNA Gateway Support	n	(Y/N)
34			
35	APPC Support Req'd	n	(Y/N)
36			
37	Server also RDS	n	(Y/N)
38			
39			
40	Other IEEE 802.2 API Appls.	0	0 if none, 1 for Em Wks)
41			
42			
43	PAGE DOWN FOR ERROR MESSAGES		
44			
45			
46			
47			
48			
49	NETBIOS Stations	OK	

	A	B	C
50	NETBIOS Sessions	OK	
51	NETBIOS Commands	OK	
52	NETBIOS Names	OK	
53	Server RAM	OK	
54	NETBIOS Work Area	OK	
55	Adapter RAM	OK	
56	802.2 Stations Required	OK	
57	802.2 Users Required	OK	
58	Potential Problems/Warnings	NONE	
59			
60			
61			
62			
63	IF NO SIGNIFICANT ERRORS ARE DISPLAYED ABOVE (IN BLUE),		
64	PAGE DOWN FOR GENERATED IBMLAN.INI FILE AND CM CONFIG PA		
65			
66			
67			
68	; OS/2 LAN Server initialization file		
69			
70	[networks]		
71	is read by the redirector at device initialization time.		
72			
73	net1 = netbios\$, 0, NB30,32,97,16		
74			
75	[requester]		
76	COMPUTERNAME = SERVER01		
77	DOMAIN = DOMAIN01		
78			
79			
80	Following parameters generally do not need to be		
81	; changed by the user.		
82			
83	charcount = 16		
84	chartime = 250		
85	charwait = 3600		
86	keepconn = 600		
87	keepsearch = 600		
88	maxcmds = 32		
89	maxerrorlog = 100		
90	maxthreads = 20		
91	maxwrkcache = 64		
92	numalerts = 12		
93	numcharbuf = 10		
94	numservices = 8		
95	numworkbuf = 15		
96	numdgrambuf = 14		
97	printbuftime = 90		
98	sesstimeout = 45		

	A	B	C
99	sizcharbuf = 512		
100	sizerror = 1024		
101	sizworkbuf = 4096		
102			
103	s help you to locate bits in the wrkheuristics entry.		
104	1	2	3
105	012345678901234567890123456789012		
106	bits = 111111111131111111000101112011102		
107			
108	wrknets = net1		
109	WRKSERVICES = MESSENGER,NETPOPOP		
110			
111	[messenger]		
112	logfile = messages.log		
113	sizmessbuf = 4096		
114			
115	[netlogon]		
116	SCRIPTS = C:\IBMLAN\REPL\IMPORT\SCRIPTS		
117	pulse = 60		
118	update = yes		
119			
120	[replicator]		
121	replicate = IMPORT		
122	importpath = C:\IBMLAN\REPL\IMPORT		
123	exportpath = C:\IBMLAN\REPL\EXPORT		
124	tryuser = yes		
125	password =		
126	interval = 5		
127	guardtime = 2		
128	pulse = 3		
129	random = 60		
130			
131	[server]		
132	alertnames =		
133	auditing = yes		
134	autodisconnect = 120		
135	cleanup = no		
136	maxusers = 32		
137			
138	Following parameters generally do not need to be		
139	defined by the user. NOTE: srvnets= is represented in		
140	the info struct as a 16-bit lan mask. Srvnet names		
141	are added to indexes within [networks] for the named nets.		
142			
143	guestacct = guest		
144	accessalert = 5		
145	alertsched = 5		
146	diskalert = 5000		
147	erroralert = 5		

	A	B	C
197	server = services\netsvini.exe		
198	alerter = services\alerter.exe		
199	netlogon = services\netlogon.exe		
200	replicator = services\replicat.exe		
201	pcdosrpl = services\pcdosrpl.exe		
202	netrun = services\runservr.exe		
203			
204			
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210	PAGE DOWN FOR GENERATED COMM MGR CONFIG PARAMETERS		
211			
212			
213			
214			
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216			
217			
218			
219			
220			
221	; IEEE 802.2		
222	;Maximum SAPS->	3	
223	; Maximum Link Stations->	33	
224	; # 802.2 Users ->	3	
225	;Transmit Buffer Size->	4464	
226	;Transmit Buffer Count ->	2	
227	; Number of Queue Elements->	800	
228	; Globl Descriptor Tbl Selectors->	30	
229	;		
230	;NetBIOS		
231	;Datagrams use rmt directory->	Yes	
232	;Maximum Link Stations->	32	
233	;Maximum Sessions->	32	
234	;Maximum Commands->	97	
235	;Maximum Names->	17	
236	;Number of Remote Names ->	32	
237	;		
238	;CONFIG.SYS		
239	DISKCACHE=3164,128		
240	IFS=C:\OS2\HPFS.IFS -C:128		
241	RUN=C:\OS2\CACHE.EXE /LAZY:ON		
242	;		
243	;		
244			
245		END OF	

	A	B	C
246		DATA	
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1	on 1.05		
2	Potential Errors:		
3		IEEE 802.2 Results	
4		Maximum SAPS->	3
5		Maximum Link Stations->	33
6		802.2 Users ->	3
7		Transmit Buffer Size->	4464
8		Transmit Buffer Count ->	2
9		# Q Elements ->	800
10		Glbl Desc Tbl Selectrs->	30
11			
12		NETBIOS Results	
13		Datagrams use rmt dir ->	Yes
14		Maximum Link Stations->	32
15		Maximum Sessions ->	32
16		Maximum Commands ->	97
17		Maximum Names ->	17
18		No. of Remote Names ->	32
19			
20		CONFIG.SYS	
21	R MESSAGES	DISKCACHE=3164,128	
22		IFS=C:\OS2\HPFS.IFS -C:128	
23		RUN=C:\OS2\CACHE.EXE /LAZY:ON	
24	Potential Errors:		
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51		97	
52		17	
53		9.2	
54		33654	
55		26212	
56		1	
57		1	
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64	PARAMETERS		
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2			
3		Memory Calculations	Result
4	10240	<- Server RAM	32
5	4096	<- Base Used	97
6	6144	<- Available	16
7	1828	<- Memory used by INI options	32
8	4316	<- Balance After INI options	32
9	128	<- Calculated HPFS Cache	64
10	3164	<- Calculated DISKCACHE	64
11	1024	<- NET RUN, AT, print reserve	192
12			64
13			23
14			55
15			50
16			11110141111331410133
17			3
18			8
19			NETBIOS
20			3164
21			
22			
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3	IBMLAN.INI Paramters	Potential Errors	Memory Re
4	<- NET1, X1 operand	OK	
5	<- NET1, X2 operand	OK	Kernel
6	<- NET1, X3 operand	OK	CM Base
7	<- MAXUSERS	OK	L Serv
8	<- MAXSHARES	OK	
9	<- MAXLOCKS	OK	
10	<- MAXOPENS	OK	
11	<- MAXCONNECTIONS	OK	
12	<- NUMREQBUF	OK	Total
13	<- NUMBIGBUF	OK	INI+Cache
14	<- MAXSESSOPENS	OK	MemUsed
15	<- MAXSEARCHES	OK	
16	<- SRVHEURISTICS		
17	<- SRVPIPES	OK	
18	<- NUMSERVICES	OK	
19		OK	
20	<- Server RAM Check	OK	
21			
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	M	N	O	P	Q
1					
2					
3	quired			Assumptions:	
4					
5	2			sizreqbuf=	4096
6	0.1			Messenger Service on SRV=	1
7	2.1			numfiletasks=	1
8				NetBIOS names to requester	3
9				NetBIOS names to server	4
10				maxchdevjob=	6
11				maxchdevs=	2
12	4.2			maxchdevq=	16
13	5			Default net1,X3 param	16
14	9.2			# of Group SAPs	0
15				Srvheuristic # 5	1
16				Srvheuristic # 10	3
17				Srvheuristic #11	3
18				Srvheuristic #17	3
19				HPFS used on IBMLAN Drive	Yes
20				LazyWrite Enabled	Yes
21				MAX Allowable Open Files at REQ	55
22					
23					
24					
25					
26					
27					
28					
29					
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32					
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	R	S	T	U	V
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2					
3		Work Area			
4		0	<- Total Requesters on Server		
5		0	<- Additional Servers		
6		0	<- User Logged onto Server (2=Yes, 0=		
7		0	<- Addit. Connections to servers if SRV		
8		0	<- DLRINST used (1=Y, 0=N)		
9		0	<- Remote IPL used (2=Y,0=N)		
10		1	<- X1 Intermediate Result		
11		0	<- Additional NETBIOS Stations Require		
12		0	<- Additional NETBIOS Commands Req		
13		0	<- Additional NETBIOS Sessions Require		
14		0	<- Additional NETBIOS Names Required		
15		0	<- SNA SAP req'd (1=Y, 0=N)		
16		0	<- Constant, '0'		
17		0	<- SQLLOO SAP req'd (1=Y, 0=N)		
18		0	<- IBM LAN Manager SAP Req'd (1=Y,0		
19		0	<- Other 802.2 Applications Requireme		
20		2	<- Total 802.2 SAPs req'd		
21		2	<- Number of 802.2 Transmit Buffers		
22		0	<- IBM LAN Manager Stations Required		
23		0	<- SNA Gateway Stations Required		
24		0	<- APPC Stations Required		
25		0	<- RDS OS/2 Stations Required		
26		0	<- RDS DOS Stations Required		
27		0	<- IEEE 802.2 Applications Stations Rec		
28		1	<- Total Additional Stations Required		
29		1	<- Total 802.2 Users Required (5 Max a		
30		1	<- Sequential (1), or Radom operations		
31		3	<- Programs Loaded from Server (3=Y,		
32		32	<- NETBIOS Sessions (Intermediate res		
33		128	<- First cut at HPFS cache size		
34		0	<- Potential error check (part 1 of 3) 0=		
35		0	<- Potential error check (part 2 of 3) 0=		
36					
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64					
65					
66					
67					
68					
69					; OS/2 LAN S
70					
71					[networks]
72					; This inform
73					
74					net1 = net
75					
76					[requester]
77					COMPUTER
78					DOMAIN =
79					
80					
81					; The followi
82					; changed by
83					
84					charcount :
85					chartime =
86					charwait =
87					keepconn =
88					keepsearch
89					maxcmds =
90					maxerrorlo
91					maxthread
92					maxwrkca
93					numalerts :
94					numcharbu
95					numservice
96					numworkbu
97					numdgram
98					printbuftim

	R	S	T	U	V
99					sesstimeou
100					sizcharbuf
101					sizerror =
102					sizworkbuf
103					
104					; The next lin
105					;
106					;
107					wrkheuristi
108					
109					wrknets =
110					WRKSERVIC
111					
112					[messenger]
113					logfile = m
114					sizmessbuf
115					
116					[netlogon]
117					SCRIPTS =
118					pulse = 60
119					update = y
120					
121					[replicator]
122					replicate =
123					importpath
124					exportpath
125					tryuser = y
126					password =
127					interval = 5
128					guardtime
129					pulse = 3
130					random = 0
131					
132					[server]
133					alertnames
134					auditing =
135					autodiscon
136					cleanup =
137					maxusers =
138					
139					; The followi
140					; changed by
141					; the server
142					; are conver
143					
144					guestacct =
145					accessalert
146					alertsched
147					diskalert =

	R	S	T	U	V
148					erroralert =
149					logonalert =
150					maxauditlo
151					maxchdevj
152					maxchdevc
153					maxchdevs
154					maxconnec
155					maxlocks =
156					maxopens
157					maxsearch
158					maxsessop
159					maxsessre
160					maxsessvc
161					maxshares
162					netioalert =
163					numbigbuf
164					numfiletask
165					numreqbuf
166					pipebuf = 8
167					sizreqbuf =
168					srvandelta
169					srvanbound
170					srvpipes =
171					
172					; The next li
173					;
174					;
175					srvheuristics = 11110141
176					
177					srvnets = r
178					SRVSERVIC
179					
180					[alerter]
181					sizalertbuf
182					
183					[netrun]
184					maxruns =
185					runpath =
186					
187					[services]
188					DLRINST =
189					; Correlates
190					; The pathna
191					; 1) an a
192					;
193					; 2) a pa
194					
195					requester =
196					messenger

	R	S	T	U	V
197					netpopup =
198					server = se
199					alerter = se
200					netlogon =
201					replicator =
202					pcdosrpl =
203					netrun = se
204					
205					
206					
207					
208					
209					
210					
211					
212					
213					
214					
215					
216					
217					
218					IFS=C:\OS2\
219					RUN=C:\OS2
220					,128
221					
222					
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	W	X	Y	Z	AA	AB
1					Messages Values:	
2					<<- Exceeded or Equal to Max Value	
3					<<- Please Specify a Positive #	
4					<<- Too Many Specified	
5					<<- Not enough RAM to Start	
6	=No)				<<- Too Many RIPLs Specified	
7	used as Req				<<- Insufficient RAM for Configuration	
8					<<- Too Many NETBIOS Resources Specified	
9					<<- Adapter RAM Exceeded	
10					<<- Too Many DLR Requesters	
11	d				<<- Too Many OS/2 Requesters	
12	quired				<<- Too Many Requesters on Server	
13	ed				<<- Please Enter Y or N	
14					<<- See Column K for More Information	
15					<<- Too Many Windows Reqs.	
16					<<- Please Enter S or R	
17					<<- Please Enter a Valid Number	
18	=N)				<<- Enter a Minimum of One	
19	nts.				<<- Invalid Entry/Combination	
20					<<- 254 or More Stations Required!!!	
21					<<- 254 or More Sessions Required!!!	
22					<<- 255 or More Commands Required!!!	
23					<<- Too Many Stations Required	
24					<<- 254 or More Names Required!!!	
25					<<- Too Many, 5 Max	
26					<<- 16/4 Adapter Recommended	
27	quired				<<- 16/4 Adapter REQUIRED	
28					<<- Additional Server RAM Recommended	
29	llowed)					
30	(0), mainly					
31	1=N)					
32	ult)					
33						
34	=none, 1=problem					
35	=none, 1=problem					
36						
37						
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68						
69	server initialization file					
70						
71						
72	ation is read by the redirector at device initialization time.					
73						
74	bios\$, 0, NB30, 32, 32, 16					
75						
76						
77	NAME = O1					
78	O					
79						
80						
81	ng parameters generally do not need to be					
82	y the user.					
83						
84	= 16					
85	250					
86	3600					
87	= 600					
88	= 600					
89	= 32					
90	g = 100					
91	s = 20					
92	he = 64					
93	= 12					
94	f = 10					
95	es = 8					
96	lf = 15					
97	buf = 14					
98	e = 90					

	W	X	Y	Z	AA	AB
99	t = 45					
100	= 512					
101	1024					
102	= 4096					
103						
104	nes help you to locate bits in the wrkheuristics entry.					
105		1	2	3		
106	012345678901234567890123456789012					
107	cs = 111111111131111111000101112011102					
108						
109	net1					
110	CES = MESSENGER,NETPOPUP					
111						
112						
113	essages.log					
114	= 4096					
115						
116						
117	C:\IBMLAN\REPL\IMPORT\SCRIPTS					
118)					
119	yes					
120						
121						
122	IMPORT					
123	= C:\IBMLAN\REPL\IMPORT					
124	= C:\IBMLAN\REPL\EXPORT					
125	es					
126	=					
127	5					
128	= 2					
129						
130	50					
131						
132						
133	=					
134	yes					
135	nect = 120					
136	no					
137	= 32					
138						
139	ng parameters generally do not need to be					
140	y the user. NOTE: srvnets= is represented in					
141	info struct as a 16-bit lan mask. Srvnet names					
142	ced to indexes within [networks] for the named nets.					
143						
144	= guest					
145	= 5					
146	= 5					
147	5000					

	W	X	Y	Z	AA	AB
148	= 5					
149	= 5					
150	g = 100					
151	ob = 8					
152	i = 8					
153	s = 8					
154	ctions = 128					
155	= 64					
156	= 64					
157	es = 50					
158	ens = 55					
159	qs = 50					
160	s = 1					
161	= 32					
162	= 5					
163	= 5					
164	ks = 4					
165	= 96					
166	3192					
167	: 4096					
168	a = 3000					
169	ce = 60					
170	3					
171						
172	nes help you to locate bits in the srvheuristics entry.					
173		1				
174	0123456789012345678					
175	11331400133					
176						
177	net1					
178	ES = NETLOGON,ALERTER,NETRUN					
179						
180						
181	= 3072					
182						
183						
184	3					
185	C:\					
186						
187						
188	SERVICES\DLRINST.EXE					
189	name of service to pathname of service program.					
190	me must be either					
191	bsolute path (including the drive specification)					
192	OR					
193	th relative to the IBMLAN root					
194						
195	= services\wksta.exe					
196	= services\msrvinit.exe					

	W	X	Y	Z	AA	AB
197	=	services\netpopup.exe				
198		services\netsvini.exe				
199		services\alerter.exe				
200		services\netlogon.exe				
201	=	services\replicat.exe				
202		services\pcdosrpl.exe				
203		services\runservr.exe				
204						
205						
206						
207						
208						
209						
210						
211						
212						
213						
214						
215						
216						
217						
218		HPFS.IFS -C:				
219		\CACHE.EXE /LAZY:ON				
220						
221						
222						
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	AC	AD	AE	AF	AG	AH	AI
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2	e						
3							
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6							
7	on						
8	pecified						
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10							
11							
12							
13							
14	ion						
15							
16							
17							
18							
19							
20	!						
21	!!						
22	ed!!!						
23							
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25							
26							
27							
28	ended						
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	AJ	AK	AL	AM	AN
1					
2					
3					
4					
5					
6				FAR	
7				ENOUGH!	
8				No More Out There.	
9				'===>>	
10					
11					
12					
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14					
15					
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