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create 21

SAH FR. DDS
AX4 15
MX6 60-15
BX4 -X6 AX4
get work (mainly, M. DOSSET)
IX4 X7-X4
NG X4,
sender A, X4

account DDS space

if out of DDS

JP BG

exit

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create 22

FX4 X7
sender A, X4
BX6 E. NODDS
SA6 Librum

if out of DDS checking allocation out of DDS space

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create 22A

SAH DARADDR
SB3 X4
SB4 P. file
SB5 -1
call darpa, B6, create 22

dec file counter

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create 22A

SAH DARADDR
SAH FR. size
SB3 X4
AX5 181
SB5 X5
SB5 -B5

report from ECS

+ creat22E

RT
SA4
SA5
SBB
SB5
SB5
SB4
collx

super
characters
FR. space
X4
X5
-X5
R. DISK
compas, B6, creat22.C

Refer. disk space

+
+
+
creat22F

SX6
SAG
JP

E. NO DISK
Writem
creat22.C

ran out of disk space

+
+
+

RT

super

allocation mess and error recovery

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creat 22
BX4 X7
sender A, X4
JP creat 22B

out of DDS during Perant 177

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creat 22A
SA5 FR. DDS
AX5 15
MX6 10-15
BX5 -X6 AX5
gatewh (mains, M. DDS CT)
TV5 X5 + X7
sender A, X5

no DDS for FWR

creat 22B
SX6 E. NOECS
SAG Urnum

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SAH DARADDP
SB3 X4
SB4 R. file
SB5 -1
callx acrspa, B6, creat 22C

decr file count

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creat 22C
RJ super
SAH caracte
SA5 PR. size
SB3 X4
AX5 18
SB5 X5
SB5 -X5
SB4 R. FXECS
callx clarspa, B6, creat 22E

refund fixed ECS

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creat 22D
SX6 E. NOECS
SAG Urnum
JP creat

ran out of fixed ECS

M. DDSCT ← 7
 create (123, 2, 20, 200)
 createblk 0, 0
 detach 0, 0
 pclose
 createblk 4000, 0
 dellblk 0, 0
 destroy
 Error no DDS on PBR

M. DDSCT ← 7
 create (123, 3, 20, 20, 200)
 edclose
 openro 2
 destroy
 Error no DDS for lower blk

M. DDSCT ← 7
 create (123, 3, 20, 20, 200)
 edclose, F1
 create (123, 3, 20, 20, 200)
 openro, F1
 Error no DDS for hashing

M. DDSCT ← 27
 create F1, 123, 3, 20, 40, 200
 edclose F1
 create F2, 123, 3, 20, 200
 openro F1
 Error no DDS for hashing

M. DDSCT = 0
 ✓ create (123, 2, 40, 200)
 destroy → error - no slots for pbr
 set M. DDSCT = 0
 ✓ create (123, 1, 20)
 destroy → error - no slots for hash
 set M. DDSCT = 5
 create (123, 2, 40, 200)
 ✓ destroy → error - no slots for hash

set M. DDSCT = 11
 ✓ create (123, 3, 20, 20, 200)
 destroy → error - no slots for hash

M. DDSCT ← 7
 create (123, 3, 20, 20, 200)
 createblk 0, 0
 detach 4000, 0
 pclose

M. DDSCT ← 7
 create (123, 3, 20, 20, 200)
 createblk 0, 0
 detach 0, 0
 pclose
 createblk 4000, 0
 detach 4000, 0
 pclose
 createblk 0, 0
 createblk 4000, 0
 destroy
 Error no DDS on PBR

1 = hash
 2 = PBR
 3 = MKPOR
 4 = SB
 5 = HRR BLK

M. DOSCT $\in 7$

creat 123, 3, 20, 20, 200

delblk 0, 0

detach 0, 0

pclose

creblk 4000, 0

detach 4000, 0

pclose

attach 0, 0

read 4000, 0

— DNS error

165

001110101

$2 \times 1 = 3$

200

$5 \cdot 3 = 15$

$1 \times 1 = 1$

100