Assign specific terminal ids while taking advantage of AUTOINSTALL

CICS/AUTOINSTALL

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CICS/AUTOINSTALL

♦ Resource saving features

The AUTOINSTALL feature of CICS 1.7 and above allows for a terminal definition to be created and installed dynamically in the TCT at logon time. In turn, terminal definitions are dynamically deleted when a terminal is logged off. This can mean a reduction in virtual storage needed for the TCT if some of your terminals are not always logged on. It can also reduce the workload for the persons who manage your terminal definitions by requiring that terminals only be defined to VTAM. AUTOINSTALL creates entries dynamically resulting in less CICS down time for maintenance. MRO users need not make Remote Terminal Definitions in their MRO region.

♦ Assign a specific termid, modelname, printto, or altprto to your terminals

Even though IBM's AUTOINSTALL can save resources and provide advantages, many installations are unable to use it because they must have specific terminal ids assigned or they must route CICS prints to specific printer ids and AUTOINSTALL, as shipped by IBM, does not readily provide for this.

♦ MacKinney Systems' CICS/AUTOINSTALL fills this void

It will allow you to assign to each terminal a specific termid, model name, printto termid, and altprto termid dynamically at logon time. All of this information is derived from the NETNAME using a parameter table. The number of entries required depends on how well your NETNAMEs are defined.

♦ Deriving TERMID from NETNAME

If the terminal id can be derived directly from values within the NETNAME and each TERMID can be derived from the same locations in the NETNAME, then the parameter table may have as little as one entry. If your NETNAMEs are not as well defined, but fall into similar groupings where each group can have their termid derived from the NETNAME in a similar fashion, then a parameter table entry for each group is all that would be needed. Even if your TERMIDs can only be defined indirectly from your NETNAMEs, MacKinney Systems' CICS/AUTOINSTALL can help you take advantage of AUTOINSTALL's resource saving features.

♦ Automatic conversion of current TCT

A facility is included which assists in converting your current TCT entries to use CICS/AUTOINSTALL. TERMIDs are assigned exactly as they were with your TCT.

♦ Easy to use

All system administration and installation is done online under CICS with easy to use screens and online help. New Netname-Termid entries can be added at any time with a CICS transaction. Entries can be tested before going 'live' with the 'test driver' program.

Example 1

If all your NETNAMEs and TERMIDs were defined in such a way that the second, fourth, seventh, and eighth positions of the NETNAME defined the TERMID, then a parameter table entry defining the mapping from NETNAME to TERMID could be defined similar to the following:

Mapping

```
NETNAME = 12345678
          ↓ ↓  ↓↓
TERMID  = 2 4  78
```

Result

```
NETNAME    TERMID

ABCD0012 = BD12
ABCD0035 = BD35
EFGH0001 = FH01
```

Example 2

If one such mapping is not sufficient to define TERMIDs for all of your terminals, then another parameter table entry defining a second mapping could be defined.

Mapping

```
NETNAME = 12345678
          ↓   ↓ ↓↓
TERMID  = 1   5 78
```

Result

```
NETNAME    TERMID

SPFDAC01 = SA01
SPFDDP01 = SD01
DENVAC01 = DA01
```

Example 3

If TERMID can not be derived entirely from characters within NETNAME, but can be derived indirectly, then an entry can be added to the parameter table which takes advantage of special processing defined by the user. For instance, if by adding one to the last position of the NETNAME, the TERMID can be derived, then the following example can be defined.

Mapping

```
NETNAME = 12345678
          ↓   ↓ ↓↓
TERMID    1   5 7(8+1)
```

Result

```
NETNAME    TERMID

SPFDAC00 = SA01
SPFDDP01 = SD02
DENVAC01 = DA02
MIAMSA03 = MS04
```

Example 4

If there is no logical way to derive termid from netname, a table can be used which assigns a unique termid to each netname.

Table

```
NETNAME,TERMID

SPCC0001,AC01
SPCC0002,AC02
SPCC0003,AC03
SPCC0004,AC04
SPCC0005,DP01
SPCC0006,DP02
SPCC0007,PD03
```

Result

```
NETNAME    TERMID

SPCC0001 = AC01
SPCC0002 = AC02
SPCC0003 = AC03
SPCC0004 = AC04
SPCC0005 = DP01
SPCC0006 = DP02
SPCC0007 = DP03
```

CICS/AUTOINSTALL

"We have used CICS/AUTOINSTALL for one year. We have 700 to 800 physical terminals and are autoinstalling over 3,000 terminals weekly. CICS/AUTOINSTALL has allowed us to save 3/4 meg of DSA space and eight hours of maintenance time per week."

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