

Z-MOD01C

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Description

Modify the work and home address for a cabinet or nickname.

This subprogram is similar to Z-MODADR with the exception that you can also modify the last name, initial and first name of a cabinet, or the last name and first name of a nickname.

This subprogram can be used by different types of users. Depending on the type of user, the following functions are allowed:

- **Cabinet Administrator**
Modify the address for a cabinet (except for cabinet SYSCNT), or for a nickname in the cabinet administrator's own private cabinet.
- **System Administrator**
Modify the address for cabinet SYSCNT, for a nickname in cabinet SYSCNT, or for a nickname in the system administrator's own private cabinet.
- **Any Other User**
Modify the address for a nickname in the user's own private cabinet.

You must specify at least one of the following parameters: Cabinet-name, Nickname or Object-ISBN. Thus, the following combinations are allowed: Cabinet-name and Object-ISBN, Nickname and Object-ISBN, only the Cabinet-name, only the Nickname, or only the Object-ISBN.

The following table shows the parameters that are used for the different functions of this subprogram (the table does not consider the Object-ISBN):

Function	Cabinet	Cabinet-name	Nickname
Modify the address for a cabinet (except for cabinet SYSCNT).	User ID of a cabinet administrator.	The name of the cabinet to be modified.	
Modify the address for cabinet SYSCNT.	User ID of a system administrator.	The cabinet name "SYSCNT".	
Modify a nickname in cabinet SYSCNT.	The cabinet name "SYSCNT".		The nickname to be modified.
Modify a nickname in the owner's private cabinet.	The name of the cabinet in which the nickname is stored.		The nickname to be modified.

Parameters which are not completed in the parameter list are deleted from the address. Thus, to retain the existing values, you must specify them once more before you invoke this subprogram.

To fill the parameters with the already existing address values, it is recommended that you invoke Z-GET01C prior to invoking Z-MOD01C (see the following example program).

Parameters

Parameter	Format	In	Out	Remarks
Return-code	N2	O	X	Input -1: no ET.
Cabinet	A8	R		To modify the address for a cabinet, this must be the user ID of a cabinet administrator. To modify the nickname, this must be the ID of the cabinet in which the nickname is stored.
Password	A8	R		The password of the above cabinet.
Cabinet-name	A8	R/O*		The name of the cabinet to be modified. Either Cabinet-name or Nickname, not both.
Nickname	A32	R/O*		The nickname to be modified. Either Nickname or Cabinet-name, not both.
Object-ISBN	P10	R/O		The ISBN of the cabinet or nickname to be modified. You can invoke Z-GET01C prior to Z-MOD01C to obtain the ISBN for the desired cabinet or nickname. The Object-ISBN can either be specified alone, or in addition to Cabinet-name or Nickname. In the latter case, the Object-ISBN must correspond to the Cabinet-name or Nickname, otherwise return code 4 is issued.
Last-name	A32	O		Valid only for a cabinet or external address. The last name of a user.
First-name	A32	O		Valid only for a private cabinet or external address. The first name of a user.

Parameter	Format	In	Out	Remarks
Initial	A1	O		Valid only for a private cabinet. The initial of a user.
Nickname-for	A44	O		Valid only for a nickname. Last name and first name delimited by a comma.
Work-title	A32	O		
Work-company	A32	O		
Work-location	A32	O		
Work-address	A60/1:3	O		
Work-city	A32	O		
Work-country	A8	O		
Work-department-name	A32	O		
Work-department-number	A10	O		
Work-phone	A15	O		
Work-phone-country	N2	O		
Work-phone-extension	A10	O		
Work-postal-code	A10	O		
Work-state	A8	O		
Home-address	A60/1:2	O		
Home-city	A32	O		
Home-country	A8	O		
Home-phone	A15	O		
Home-phone-country	N2	O		
Home-postal-code	A10	O		
Home-state	A8	O		

Return Codes

00	Success
02	Invalid cabinet name
03	Password incorrect
04	ISN was not found
09	ISN does not point to correct object
15	Invalid administrator status
53	Requested object does not exist
91	Invalid input in the parameter Cabinet-name or Nickname
92	Supply either Cabinet-name or Nickname, not both
93	Either Cabinet-name or Nickname must be supplied
94	Incorrect value for Nickname-for

Subprograms

N-UPDNAM

Z-120

Z-122

Z-123

Z-175

Z-206

Z-562

Z-710

Z-1200&0

Example

```

0010 *
0020 * Example program to substitute the old German
0030 * zip codes (PLZ) with the new five-character zip codes
0040 *
0050 DEFINE DATA
0060 LOCAL
0070 1 RETURN-CODE           (N2)
0080 1 CABINET               (A8)
0090 1 PASSWORD              (A8)
0100 1 CABINET-NAME          (A8)
0110 1 NICKNAME              (A32)
0120 1 OBJECT-ISN           (P10)
0130 1 OBJECT-NUMBER        (N2)      /* used by Z-GET01C
0140 1 PRIVATE-FLAG         (A1)      /* used by Z-GET01C
0150 1 LAST-NAME            (A32)
0160 1 FIRST-NAME           (A32)
0170 1 INITIAL              (A1)
0180 1 NICKNAME-FOR         (A44)
0190 1 NICKNAME-STATUS      (N1)      /* used by Z-GET01C
0200 1 NICKNAME-ORIGIN      (A8)      /* used by Z-GET01C

```

```

0210 1 WORK-TITLE           (A32)
0220 1 WORK-COMPANY        (A32)
0230 1 WORK-LOCATION        (A32)
0240 1 WORK-ADDRESS        (A60/1:3)
0250 1 WORK-CITY           (A32)
0260 1 WORK-COUNTRY        (A8)
0270 1 WORK-DEPARTMENT-NAME (A32)
0280 1 WORK-DEPARTMENT-NUMBER (A10)
0290 1 WORK-PHONE          (A15)
0300 1 WORK-PHONE-COUNTRY  (N2)
0310 1 WORK-PHONE-EXTENSION (A10)
0320 1 WORK-POSTAL-CODE    (A10)
0330 1 WORK-STATE          (A8)
0340 1 HOME-ADDRESS        (A60/1:2)
0350 1 HOME-CITY           (A32)
0360 1 HOME-COUNTRY        (A8)
0370 1 HOME-PHONE          (A15)
0380 1 HOME-PHONE-COUNTRY  (N2)
0390 1 HOME-POSTAL-CODE    (A10)
0400 1 HOME-STATE          (A8)
0410 1 WORK-PARAMETER      (A83)      /* used by Z-GET01C
0420 *
0430 1 TABLE-DA           (A30/2) INIT
0440      (1) <'Haardtring      64295'>
0450      (2) <'Friedberger     64289'>
0460 1 REDEFINE TABLE-DA
0470      2 STRING (2)
0480      3 STREET           (A20)
0490      3 PLZ              (A5)
0500 1 IND                  (N2)
0510 1 #RETURN-CODE         (N2)
0520 1 #COUNTER             (N3)
0530 END-DEFINE
0540 *
0550 MOVE 'DBA      ' TO CABINET
0560 MOVE 'DBA      ' TO PASSWORD
0570 MOVE '**      ' TO CABINET-NAME      /* all cabinets
0580 REPEAT
0590   RESET RETURN-CODE
0600   CALLNAT 'Z-GET01C' RETURN-CODE
0610   CABINET
0620   PASSWORD
0630   CABINET-NAME
0640   NICKNAME
0650   OBJECT-ISN
0660   OBJECT-NUMBER
0670   PRIVATE-FLAG
0680   LAST-NAME
0690   FIRST-NAME
0700   INITIAL
0710   NICKNAME-FOR
0720   NICKNAME-STATUS
0730   NICKNAME-ORIGIN
0740   WORK-TITLE
0750   WORK-COMPANY
0760   WORK-LOCATION
0770   WORK-ADDRESS(1:3)
0780   WORK-CITY
0790   WORK-COUNTRY
0800   WORK-DEPARTMENT-NAME
0810   WORK-DEPARTMENT-NUMBER
0820   WORK-PHONE

```

```

0830          WORK-PHONE-COUNTRY
0840          WORK-PHONE-EXTENSION
0850          WORK-POSTAL-CODE
0860          WORK-STATE
0870          HOME-ADDRESS(1:2)
0880          HOME-CITY
0890          HOME-COUNTRY
0900          HOME-PHONE
0910          HOME-PHONE-COUNTRY
0920          HOME-POSTAL-CODE
0930          HOME-STATE
0940          WORK-PARAMETER
0950 *
0960  MOVE RETURN-CODE TO #RETURN-CODE
0970  IF RETURN-CODE EQ 0  OR
0980     RETURN-CODE EQ 77
0990     RESET RETURN-CODE
1000 *
1010  PERFORM FILL-PLZ  /* see the subroutine at the end of this program
1020 *
1030  CALLNAT 'Z-MOD01C' RETURN-CODE
1040          NICKNAME-ORIGIN
1050          PASSWORD
1060          CABINET-NAME
1070          NICKNAME
1080          OBJECT-ISBN
1090          LAST-NAME
1100          FIRST-NAME
1110          INITIAL
1120          NICKNAME-FOR
1130          WORK-TITLE
1140          WORK-COMPANY
1150          WORK-LOCATION
1160          WORK-ADDRESS(1:3)
1170          WORK-CITY
1180          WORK-COUNTRY
1190          WORK-DEPARTMENT-NAME
1200          WORK-DEPARTMENT-NUMBER
1210          WORK-PHONE
1220          WORK-PHONE-COUNTRY
1230          WORK-PHONE-EXTENSION
1240          WORK-POSTAL-CODE
1250          WORK-STATE
1260          HOME-ADDRESS(1:2)
1270          HOME-CITY
1280          HOME-COUNTRY
1290          HOME-PHONE
1300          HOME-PHONE-COUNTRY
1310          HOME-POSTAL-CODE
1320          HOME-STATE
1330  END-IF
1340  IF RETURN-CODE EQ 0
1350     ADD 1 TO #COUNTER
1360  END-IF
1370  UNTIL #RETURN-CODE NE 77
1380  END-REPEAT
1390 *
1400  WRITE #COUNTER ' addresses were modified'
1410 *
1420 *
1430  DEFINE SUBROUTINE FILL-PLZ
1440 *
```

```
1450 IF WORK-CITY EQ SCAN 'Darmstadt'
1460   FOR IND 1 TO 2
1470     IF WORK-ADDRESS(*) EQ SCAN STREET(IND)
1480       MOVE PLZ(IND) TO WORK-POSTAL-CODE
1490     END-IF
1500   END-FOR
1510 END-IF
1520 *
1530 END-SUBROUTINE
1540 *
1550 END
```