

```

1  METHOD zpi_ii_rs_bp_update~rs_bp_update.
2
3  *** Deklaration der Variablen ***
4  DATA: v_gp          TYPE bu_partner,
5         v_gp_type     TYPE bu_type,
6         v_fail(1)     TYPE c.
7
8  *** Deklaration lokaler Tabellen ***
9  DATA: lt_telefondatanonaddress TYPE TABLE OF bapiadtel,
10        lt_telefondatanonaddress_x TYPE TABLE OF bapiadtelx,
11        lt_e_maildatanonaddress TYPE TABLE OF bapiadsmt,
12        lt_e_maildatanonaddress_x TYPE TABLE OF bapiadsmtx,
13        lt_message_detail TYPE zpi_bp_update_response_mes_tab,
14        lt_tel_change TYPE zpi_bp_update_request_tel_tab,
15        lt_mail_change TYPE zpi_bp_update_request_e_ma_tab,
16        lt_return TYPE TABLE OF bapiret2.
17
18  *** Deklaration lokaler Strukturen ***
19  DATA: ls_centraldata TYPE bapibus1006_central,
20        ls_centraldataperson TYPE bapibus1006_central_person,
21        ls_centraldataorganization TYPE bapibus1006_central_organ,
22        ls_centraldatagroup TYPE bapibus1006_central_group,
23        ls_centraldata_x TYPE bapibus1006_central_x,
24        ls_centraldataperson_x TYPE bapibus1006_central_person_x,
25        ls_centraldataorganization_x TYPE bapibus1006_central_organ_x,
26        ls_centraldatagroup_x TYPE bapibus1006_central_group_x,
27        ls_message_detail LIKE LINE OF lt_message_detail,
28        ls_message_list TYPE zpi_bp_update_response_message,
29        ls_telefondatanonaddress LIKE LINE OF lt_telefondatanonaddress,
30        ls_e_maildatanonaddress LIKE LINE OF lt_e_maildatanonaddress,
31        ls_tel_change LIKE LINE OF lt_tel_change,
32        ls_mail_change LIKE LINE OF lt_mail_change,
33        ls_telefondatanonaddress_x LIKE LINE OF lt_telefondatanonaddress_x,
34        ls_e_maildatanonaddress_x LIKE LINE OF lt_e_maildatanonaddress_x,
35        ls_return LIKE LINE OF lt_return.
36
37  v_gp = input-bp_update_request-gp_no. " Übergabe der Inputparameter
38
39  *** Die GP Nummer konvertieren***
40  CALL FUNCTION 'CONVERSION_EXIT_ALPHA_INPUT'
41    EXPORTING
42      input = v_gp
43    IMPORTING
44      output = v_gp.
45
46  SELECT SINGLE type FROM but000 INTO v_gp_type WHERE partner = v_gp. "Select Abfrage zum auslesen des GP Typs
47
48  IF sy-subrc EQ '0'.
49  *** Ändern der Namen / je nach GP Typ müssen die neuen Werte in andere Strukturen übergeben werden
50    CASE v_gp_type.
51      WHEN '1'. " Privatperosn
52        IF input-bp_update_request-name_2 IS NOT INITIAL. " Falls neuer Wert für Name 2
53          ls_centraldataperson-firstname = input-bp_update_request-name_2. " neuer Wert der lokalen Struktur übergeben
54          ls_centraldataperson_x-firstname = 'X'. " X für Änderung setzen
55        ENDIF.
56        IF input-bp_update_request-name_1 IS NOT INITIAL. " Falls neuer Wert für Name 1
57          ls_centraldataperson-lastname = input-bp_update_request-name_1.
58          ls_centraldataperson_x-lastname = 'X'.
59        ENDIF.
60      WHEN '2'. " Firma

```

```

62     IF input-bp_update_request-name_1 IS NOT INITIAL. " Falls neuer Wert für Name 1
63         ls_centraldataorganization-name1 = input-bp_update_request-name_1.
64         ls_centraldataorganization_x-name1 = 'X'.
65     ENDIF.
66     IF input-bp_update_request-name_2 IS NOT INITIAL. " Falls neuer Wert für Name 2
67         ls_centraldataorganization-name2 = input-bp_update_request-name_2.
68         ls_centraldataorganization_x-name2 = 'X'.
69     ENDIF.
70
71     WHEN '3'. " Gruppe
72     IF input-bp_update_request-name_1 IS NOT INITIAL. " Falls neuer Wert für Name 1
73         ls_centraldatagroup-namegroup1 = input-bp_update_request-name_1.
74         ls_centraldatagroup_x-namegroup1 = 'X'.
75     ENDIF.
76     IF input-bp_update_request-name_2 IS NOT INITIAL. " Falls neuer Wert für Name 2
77         ls_centraldatagroup-namegroup2 = input-bp_update_request-name_2.
78         ls_centraldatagroup_x-namegroup2 = 'X'.
79     ENDIF.
80     ENDCASE.
81
82     *** Fals Privatperson überprüfen ob neue Anrede ***
83     IF v_gp_type EQ '1' AND input-bp_update_request-title IS NOT INITIAL.
84
85         CASE input-bp_update_request-title.
86             WHEN 'FRAU'.
87                 ls_centraldata-title_key = '0001'.
88                 ls_centraldata_x-title_key = 'X'.
89             WHEN 'HERR'.
90                 ls_centraldata-title_key = '0002'.
91                 ls_centraldata_x-title_key = 'X'.
92             WHEN 'HERR U. FRAU'.
93                 ls_centraldata-title_key = '0004'.
94                 ls_centraldata_x-title_key = 'X'.
95             WHEN 'FRAUEN'.
96                 ls_centraldata-title_key = '0005'.
97                 ls_centraldata_x-title_key = 'X'.
98             WHEN 'HERREN'.
99                 ls_centraldata-title_key = '0006'.
100                ls_centraldata_x-title_key = 'X'.
101            WHEN OTHERS.
102                ls_message_detail-message_id = 'I'.
103                ls_message_detail-message_text = 'Anrede konnte nicht geändert werden. Ungültige Anredeform.'.
104                APPEND ls_message_detail TO lt_message_detail.
105                v_fail = 'X'.
106            ENDCASE.
107        ENDIF.
108
109        *** Neue Werte für Telefon auslesen und übergeben ***
110        IF input-bp_update_request-tel_change_list IS NOT INITIAL.
111            LOOP AT input-bp_update_request-tel_change_list INTO ls_tel_change.
112                ls_telefondatanonaddress-telephone = ls_tel_change-tel_number.
113                ls_telefondatanonaddress-consnumber = ls_tel_change-tel_id.
114                APPEND ls_telefondatanonaddress TO lt_telefondatanonaddress.
115            ENDLOOP.
116            ls_telefondatanonaddress_x-telephone = 'X'.
117            ls_telefondatanonaddress_x-consnumber = 'X'.
118            APPEND ls_telefondatanonaddress_x TO lt_telefondatanonaddress_x.
119        ENDIF.
120
121        *** Neue Werte für Mail auslesen und übergeben ***

```

```

123 IF input-bp_update_request-e_mail_change_list IS NOT INITIAL.
124   LOOP AT input-bp_update_request-e_mail_change_list-e_mail_detail INTO ls_mail_change.
125     ls_e_maildatanonaddress-e_mail = ls_mail_change-e_mail_adress.
126     ls_e_maildatanonaddress-consnumber = ls_mail_change-e_mail_id.
127     APPEND ls_e_maildatanonaddress TO lt_e_maildatanonaddress.
128
129     ls_e_maildatanonaddress_x-e_mail = 'X'.
130     ls_e_maildatanonaddress_x-consnumber = 'X'.
131     Append ls_e_maildatanonaddress_x to lt_e_maildatanonaddress_x.
132   ENDLOOP.
133 ENDIF.
134
135 *** Funktionsaufruf von BAPI_BUPA_CENTRAL_CHANGE mit Übergabe der Strukturen mit den neuen Werte
136 CALL FUNCTION 'BAPI_BUPA_CENTRAL_CHANGE'
137   EXPORTING
138     businesspartner           = v_gp
139     centraldata               = ls_centraldata
140     centraldataperson         = ls_centraldataperson
141     centraldataorganization   = ls_centraldataorganization
142     centraldatagroup          = ls_centraldatagroup
143     centraldata_x             = ls_centraldata_x
144     centraldataperson_x       = ls_centraldataperson_x
145     centraldataorganization_x = ls_centraldataorganization_x
146     centraldatagroup_x        = ls_centraldatagroup_x
147     duplicate_message_type    = '-'
148
149   TABLES
150     telefondatanonaddress     = lt_telefondatanonaddress
151     e_maildatanonaddress      = lt_e_maildatanonaddress
152     telefondatanonaddressx    = lt_telefondatanonaddress_x
153     e_maildatanonaddressx     = lt_e_maildatanonaddress_x
154     return                    = lt_return.
155
156 IF sy-subrc EQ '0' AND lt_return IS INITIAL. " Fals Funktionsaufruf erfolgreich und ohne Fehlermeldung
157   CALL FUNCTION 'BAPI_TRANSACTION_COMMIT'. " Befehl zur Speichern der neuen Werte
158   IF sy-subrc = '0': " Speicherung erfolgreich
159     ls_message_detail-message_id = 'S'.
160     ls_message_detail-message_text = 'Daten erfolgreich geändert'.
161     APPEND ls_message_detail TO lt_message_detail.
162     ls_message_list-message_details = lt_message_detail.
163   ELSE. " Speicherung nicht erfolgreich
164     ls_message_detail-message_id = 'I'.
165     ls_message_detail-message_text = 'Beim speichern der Daten ist ein Fehler aufgetreten.'.
166   ENDIF.
167
168 ELSE. " Funktionsaufruf nicht erfolgreich / mit Fehlermeldung
169   IF lt_return IS INITIAL.
170     ls_message_detail-message_id = 'I'.
171     ls_message_detail-message_text = 'Beim ändern der Daten ist ein Fehler aufgetreten'.
172   ELSE.
173
174     LOOP AT lt_return INTO ls_return.
175       ls_message_detail-message_id = ls_return-type.
176       ls_message_detail-message_text = ls_return-message.
177     ENDLOOP.
178   ENDIF.
179
180   APPEND ls_message_detail TO lt_message_detail." Tabelle mit Fehlermeldungen an lokale Struktur übergeben
181   ls_message_list-message_details = lt_message_detail.
182 ENDIF.
183 ELSE. " Fehler beim ermitteln des GP Typs

```

```
184
185     ls_message_detail-message_id = 'I'.
186     ls_message_detail-message_text = 'Fehler beim ermitteln des Geschäftspartner-Typs'.
187     APPEND ls_message_detail TO lt_message_detail.
188
189 ENDIF.
190
191     ls_message_list-message_details = lt_message_detail.
192     output-bp_update_response-message_list = ls_message_list." lokale Struktur mit allen Meldungen an Output übrgeben
193 ENDMETHOD.
```