



Person Diagnostics

Oracle Fusion Human Capital Management

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INTRODUCTION

This document describes self-service diagnostics tests for Person flows.

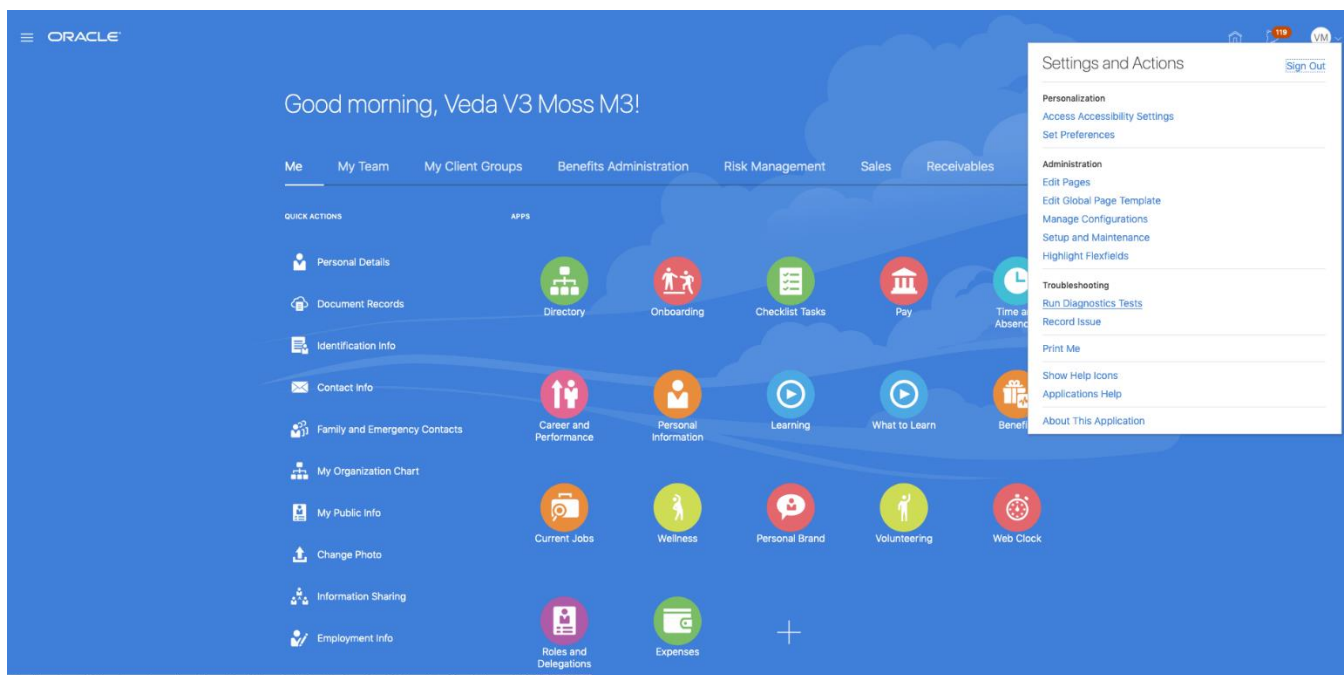
DIAGNOSTIC TESTS

These diagnostics tests are provided to manage data integrity issues in Person flows.

1. Primary Report - Person Diagnostic
2. Person Diagnostic Auto Correct
3. Change Person Email Address MASTERED_IN_LDAP
4. Change Person Start Date
5. Correct Person Contact Relationship Data
6. Correct Person Primary Address Data
7. Correct Person Type Usage Data
8. Person Search Keywords Integrity

HOW YOU RUN THE DIAGNOSTIC TEST

1. Click the user name in the global header region, and then click **Run Diagnostics Tests** from the **Settings and Actions** menu.



2. The Diagnostic Dashboard page is displayed.

Diagnostic Dashboard

Search for Tests

Test Name:
 Description:
 ModuleName:

Search Results:

Test Name	Detail	Module	Description
<input type="checkbox"/> Absence Diagnostic Data Collection		HcmG...	This process displays Ab
<input type="checkbox"/> Absence Diagnostic Data Collection		HcmG...	This process displays Av
<input type="checkbox"/> Absence Setup Data		HcmW...	Gets the setup data used
<input type="checkbox"/> Absences - Delete Absences to...		HcmG...	This process deletes the

Choose Tests to Run and Supply Inputs

Run Options: View Run Name: Run Clear Detach

Test Name	Prerequisite	Details	Input Status	Test Identifier
No data to display.				
Columns Hidden: 1				

Diagnostic Test Run Status

View: End All Runs Submitted in Last Hour Add to Incident Cancel Detach

Run / Test / Step Name	Execution Status	Diagnostic Status	Report	Run By	Start Time	End Time	Elapsed Time
0 Test Runs (Note: A maximum of 200 runs are displayed)							

- Search for the test in the **Search for Tests** section. From the search result, select the check box and click **Add to Run**. This will add the test to the **Choose Tests to Run and Supply Inputs** section in the right panel.

Diagnostic Dashboard

Search for Tests

Test Name: Change Person Start Date
 Description:
 ModuleName:

Search Results:

Test Name	Add Selected Tests to Run Table	Description
<input checked="" type="checkbox"/> Change Person Start Date		HcmP... Change Person Start Dat

Choose Tests to Run and Supply Inputs

Run Options: View Run Name: Run Clear Detach

Test Name	Prerequisite	Details	Input Status	Test Identifier
<input checked="" type="checkbox"/> Change Person Start Date	No		Required Input Values Missing	Change Person Start Date
Columns Hidden: 1				

Diagnostic Test Run Status

View: End All Runs Submitted in Last Hour Add to Incident Cancel Detach

Run / Test / Step Name	Execution Status	Diagnostic Status	Report	Run By	Start Time	End Time	Elapsed Time
0 Test Runs (Note: A maximum of 200 runs are displayed)							

- Add input parameters, if needed. Click the icon under the Input Status column in the **Choose Tests to Run and Supply Inputs** section. A dialog box is displayed that allows you to enter the input values.

Diagnostic Dashboard

Tasks

- Home
- Test
 - Register New Test
 - Unregister Test
- Search for Tests

Search for Tests

Search

Test Name: Change Person Start Date
Description:
ModuleName:

Search Reset

Select View Add to Run Detach

Test Name	Detail	Module	Description
Change Person Start Date	HomeP...		Change Person Start Date

Search for Tags

Input Parameters

Test Name: Change Person Start Date
Edit Input Set:

View Defaults Input Set Load Save Detach

Value Required	Display Name	Include	New Value	Default Value
✓	Person Number(s)	✓		
✓	Run Mode	✓	VALIDATE	VALIDATE
✓	New Start Date	✓	mm/dd/yyyy	

Choose Tests to Run and Supply Inputs

Run Options View Run Name: Change Person Start Date Run Clear Detach

Test Name	Prerequisite	Details	Input Status	Test Identifier
Change Person Start Date	No		Required Input Values Missing	Change Person Start Date

Columns Hidden 1

Diagnostic Test Run Status

View Filter All Runs Submitted in Last Hour Add to Incident Cancel Detach

Run / Test / Step Name	Execution Status	Diagnostic Status	Report	Run By	Start Time	End Time	Elapsed Time
------------------------	------------------	-------------------	--------	--------	------------	----------	--------------

Columns Hidden 1

0 Test Runs (Note: A maximum of 200 runs are displayed)

OK Cancel

- Enter a name in the **Run Name** field, and then click **Run**. Although, the run name is not mandatory, it's helpful for tracking.

Diagnostic Dashboard

Tasks

- Home
- Test
 - Register New Test
 - Unregister Test
- Search for Tests

Search for Tests

Search

Test Name: Change Person Start Date
Description:
ModuleName:

Search Reset

Select View Add to Run Detach

Test Name	Detail	Module	Description
Change Person Start Date	HomeP...		Change Person Start Date

Search for Tags

Choose Tests to Run and Supply Inputs

Run Options View Run Name: Change Person Start Date Run Clear Detach

Test Name	Prerequisite	Details	Input Status	Test Identifier
Change Person Start Date	No		Inputs Edited/Required Input Values Validated	Change Person Start Date

Columns Hidden 1

Diagnostic Test Run Status

View Filter All Runs Submitted in Last Hour Add to Incident Cancel Detach

Run / Test / Step Name	Execution Status	Diagnostic Status	Report	Run By	Start Time	End Time	Elapsed Time
------------------------	------------------	-------------------	--------	--------	------------	----------	--------------

Columns Hidden 1

0 Test Runs (Note: A maximum of 200 runs are displayed)

- Refresh the Diagnostic Test Run Status table until your test completes. The **Completed** status will be displayed under the Execution Status column of the table.

The screenshot displays the Oracle Diagnostic Dashboard. On the left, there is a sidebar with navigation links: Home, Test (with sub-links for Register New Test and Unregister Test), Search for Tests, and Search for Tags. The main area is titled 'Choose Tests to Run and Supply Inputs'. Below this, there is a table with columns: Test Name, Prerequisite, Details, Input Status, and Test Identifier. The table is currently empty, with a message 'No data to display.' and 'Columns Hidden: 1'. Below this table, there is a section titled 'Diagnostic Test Run Status'. This section has a filter dropdown set to 'All Runs Submitted in Last Hour' and buttons for 'Add to Incident' and 'Detach'. The main table in this section has columns: Run / Test / Step Name, Execution Status, Diagnostic Status, Report, Run By, Start Time, End Time, and Elapsed Time. The table contains one row: 'Change Person Start Date' with 'Completed' in Execution Status, 'No Issues' in Diagnostic Status, and 'VMOSS' in the Report column. The Start Time is '1/31/20 4:49 AM', the End Time is '1/31/20 4:49 AM', and the Elapsed Time is '00:00:02'. At the bottom right of the table, a note states '1 Test Runs (Note: A maximum of 200 runs are displayed)'.

- Click the icon under the Report column in the Diagnostic Test Run Status table. A page is displayed that contains the meta details on the test that was run.

Change Person Start Date

Test Name	Change Person Start Date
Start Date	2020-01-31T04:49:08Z
End Date	2020-01-31T04:49:10Z
Execution Id	<Not Applicable>
Run Id	99FB06CBB9C80AE4E053F58EF10AD1CB
NLS Bundle	oracle.apps.fnd.appltest.diagfwk.engine.impl.resources.RunReportMsg
Source Language	en
Status Code	S
Version	<Not Applicable>
Date Format	YYYY-MM-DDThh:mm:ss.sTZD

Diagnostics_Engine_Log

Run Parameters

This run was invoked with the following parameters.

Parameter Name	Parameter Value
execmode	Diagnostics Web Interface
nthreads	5
moninterval	20
prereq	Y
runName	Change Person Start Date
test	Change Person Start Date

Executions

Test executions in this run.

Execution ID	Test Name	Execution Status	Diagnostic Result
99FB0645FE8E0ADCE053F58EF10A81A1	Change Person Start Date	Completed	Normal

User Information

User and enterprise role information for this run.

Principal	Type
VMOSS	User

Engine Logs

Messages logged by the diagnostic engine during the execution of this test run.

Thread 626: Started execution of test: Change Person Start Date

Thread 626: Finished execution of test: Change Person Start Date

- Click the link under the Execution ID column of the table in the Executions area. This will load the execution.

Change Person Start Date

Test Name	Change Person Start Date
Start Date	2020-01-31T09:54:55Z
End Date	2020-01-31T09:55:05Z
Execution Id	99FB01B3F6760AE8E053F58EF10A43D9
Run Id	99FB06CBB670AE4E053F58EF10AD1CB
NLS Bundle	
Source Language	en
Status Code	S
Version	11.13.20.01.0
Date Format	YYYY-MM-DDThh:mm:ss.TZD

Diagnostics_Engine_Log

Session Information

The Test Change Person Start Date is using a database connection with Session Id 830 and Serial Number 6007

Change Person Start Date

- Run Mode (required) = VALIDATE
- New Start Date (required) = Fri Jan 10 00:00:00 UTC 2020
- Person Number(s) (required) = 966169008890345

Change Start Date

Validating Person Number : 966169008890345

Person Number 966169008890345 validated.

VPD is turned ON

Person is a contact and can be processed

Start date has been changed

VPD is turned OFF

Script Execution complete.

9. You can skip the meta details of the test that was run and directly access the actual diagnostic test output. To do this, expand the test you ran in the Diagnostic Test Run Status table. Click the icon under the Report column of the actual diagnostic test itself.

ORACLE

Home

Register New Test

Unregister Test

Search for Tests

Search

Test Name

Change Person Start Date

Description

ModuleName

Search

Reset

Select

View

Add to Run

Detach

Test Name	Detail	Module	Description
<input checked="" type="checkbox"/>		HomeP...	Change Person Start Dat

Search for Tags

Choose Tests to Run and Supply Inputs

Run Options

View

Run

Run Name

Run

Clear

Detach

Test Name	Prerequisite	Details	Input Status	Test Identifier
No data to display.				

Columns Hidden 1

Diagnostic Test Run Status

View

Find

All Runs Submitted in Last Hour

Add to Incident

Cancel

Detach

Run / Test / Step Name	Execution Status	Diagnostic Status	Report	Run By	Start Time	End Time	Elapsed Time
<input checked="" type="checkbox"/> Change Person Start Date	Completed	No Issues		VMOSS	1/31/20 4:49 AM	1/31/20 4:49 AM	00:00:02
<input type="checkbox"/> Change Person Start Date	Completed	No Issues		VMOSS	1/31/20 4:49 AM	1/31/20 4:49 AM	00:00:00

View Test Results

Columns Hidden 1

1 Test Runs (Note: A maximum of 200 runs are displayed)

CAUTION: Since these diagnostics tests modify data for the given people, following precautions need to be adhered to:

1. Run the diagnostic test in a DEV or TEST environment first to understand how it affects the application data, and then run it in PROD.
2. In a given environment, always run the diagnostic test in VALIDATE mode for given input parameters first, verify the changes, and then run it in COMMIT mode.

PRIMARY REPORT – PERSON DIAGNOSTIC

Purpose

This report provides an overview of person-related data corruptions for the person numbers provided or for the entire people in the application. This test lists the corruption type; number of records corrupted and provides an action plan for resolving the corruption.

Following corruptions are identified when running this report:

1. Person Names
 - a. Multiple local names for a person with difference person name id.
 - b. Overlapping name records with same person name id (overlapping in effective dates).
 - c. Multiple global names for a person with different person name id.
 - d. There is no name record that starts from person start date.
 - e. There is no name record until EOT (31-Dec-4712).
2. Person Legislation
 - a. Overlapping legislation records with same legislative id (overlapping in effective dates).
 - b. Person has legislation record before the person start date.
 - c. Person has different legislation code with same legislation id.
3. Person People
 - a. Person has no record in PER_ALL_PEOPLE_F till EOT (31-Dec-4712).
 - b. PER_ALL_PEOPLE_F has record that is effective before the start date in per_persons table.
 - c. Start date is greater than end date in PER_ALL_PEOPLE_F.
4. Person Images
 - a. Image name is Null.
 - b. Multiple profile images for a person.
5. Person Extra Information
 - a. Person start date in per_persons is not equal to minimum effective start date in per_people_extra_info_f.
6. Person NID
 - a. Primary National identifier id in PER_ALL_PEOPLE_F table is not present in PER_NATIONAL_IDENTIFIERS table.
7. Person Phone
 - a. Primary Phone id in PER_ALL_PEOPLE_F table is not present in PER_PHONES table.
8. Person Email
 - a. Primary Email id in PER_ALL_PEOPLE_F table is not present in PER_EMAIL_ADDRESSES table.
9. Person PPTU
 - a. Duplicate records for "CON" system person type.
10. Person Information Category
 - a. For a particular legislation, NAM_INFORMATION_CATEGORY is null in PER_PERSON_NAMES_F but there exists record in FND_DF_CONTEXTS_VL table for PER_PERSON_NAME_LEG_DDF.
 - b. For a particular legislation, PAS_INFORMATION_CATEGORY is null in PER_PASSPORTS but there exists record in FND_DF_CONTEXTS_VL table for PER_PERSON_PASSPORT_LEG_DDF.
 - c. For a particular legislation, LIC_INFORMATION_CATEGORY is null in PER_DRIVERS_LICENSES but there exists record in FND_DF_CONTEXTS_VL table for PER_PERSONDRIVERS_LICENSE_LEG_DDF.
 - d. For a particular legislation, CONT_INFORMATION_CATEGORY is null in PER_CONTACT_RELSHIPS_F but there exists record in FND_DF_CONTEXTS_VL table for PER_PERSON_CONTACT_RELATIONSHIP_DDF.
 - e. For a particular legislation, PER_INFORMATION_CATEGORY is null in PER_PEOPLE_LEGISLATIVE_F but there exists record in FND_DF_CONTEXTS_VL table for PER_PERSON_LEGISLATIVE_DATA_LEG_DDF.
 - f. For a particular legislation, VIS_INFORMATION_CATEGORY is null in PER_VISAS_PERMITS_F but there exists a record in FND_DF_CONTEXTS_VL table for PER_PERSON_VISA_LEG_DDF.
11. Person Address
 - a. Mailing address id present in PER_ALL_PEOPLE_F is not present in PER_PERSON_ADDR_USAGES_F and PER_ADDRESSES_F tables.
 - b. Mailing address id is NULL and the entry in PER_PERSON_ADDR_USAGES_F for that person should be valid between start date and end date of the person.

- c. The address entry in PER_PERSON_ADDR_USAGES_F starts after the same address entry in PER_ALL_PEOPLE_F or the address entry in PER_PERSON_ADDR_USAGES_F ends before the same entry in PER_ALL_PEOPLE_F.
- d. The address entry in PER_ADDRESSES_F starts after the same address entry in PER_ALL_PEOPLE_F or the address entry in PER_ADDRESSES_F ends before the same entry in PER_ALL_PEOPLE_F.
- e. Mailing address id present in PER_ALL_PEOPLE_F is not present in PER_PERSON_ADDR_USAGES_F
- f. Address id present in PER_PERSON_ADDR_USAGES_F is not present in PER_ADDRESSES_F table
- g. There are entries in PER_PERSON_ADDR_USAGES_F that are not present in the PER_ADDRESSES_F table for the same effective start date and end date.

For all the above listed corruptions except for Person Address, 'Person Diagnostic Auto Correct' is the action plan provided and for Person Address corruption, 'Person Primary Address Data Correction' is the action plan provided in this diagnostic test.

Input

PARAMETER	REQUIRED	DESCRIPTION
Person Number	Optional	<p>Person number (for example, 123) or comma separated list of person numbers (for example, 123,456,789) or blank.</p> <p>If left blank, it runs for the entire population.</p>

Output

This diagnostic test generates a report with following details for each type of issue.

- Number of persons affected by the corruption
- Action plan for resolving the corruption

The report contains all the information needed to take the next step in resolving the corruptions. The person numbers for whom the corruptions will be identified depends on the input parameter "Person Number".

Data Affected

This only generates a report. No data is modified.

Sample

Master Report - Person Diagnostic

Test Name	Master Report - Person Diagnostic
Start Date	2020-01-30T08:28:33Z
End Date	2020-01-30T08:28:54Z
Execution Id	99FB01B3E8CE0AE8E053F58EF10A43D9
Run Id	99FB06CBAAE80AE4E053F58EF10AD1CB
NLS Bundle	
Source Language	en
Status Code	S
Version	11.13.20.01.0
Date Format	YYYY-MM-DDThh:mm:ss.sTZD

Diagnostics_Engine_Log

Session Information

The Test Master Report - Person Diagnostic is using a database connection with Session Id 1544 and Serial Number 13607

Master Report - Person Diagnostic

- Person Number(s) =

Person Diagnostic Master report

As input is not given for person number, all persons in the system will be scanned

Diagnostic Test	No of Corrupted Records	ActionPlan for Resolution
Person Names	1526	Execute "Person Diagnostic Auto Correct" in Commit mode
Person Legislation	0	Execute "Person Diagnostic Auto Correct" in Commit mode
Person People	0	Execute "Person Diagnostic Auto Correct" in Commit mode
Person Images	2	Execute "Person Diagnostic Auto Correct" in Commit mode
Person ExtraInformations	0	Execute "Person Diagnostic Auto Correct" in Commit mode
Person NID	0	Execute "Person Diagnostic Auto Correct" in Commit mode
Person Phone	0	Execute "Person Diagnostic Auto Correct" in Commit mode
Person Email	0	Execute "Person Diagnostic Auto Correct" in Commit mode
Person PPTU	1	Execute "Person Diagnostic Auto Correct" in Commit mode
Person Information Category	0	Execute "Person Diagnostic Auto Correct" in Commit mode
Person Address	106684	Execute "Person Primary Address Data Correction" in Commit mode

11 row(s) retrieved.

PERSON DIAGNOSTIC - AUTOCORRECT

Purpose

You can use this diagnostic test to view and resolve person-related data corruptions. This test supports multiple corruption types that either can run all at once, or based on the corruption type. While fixing corruptions, no input is required from the user on what fix to be done for the corruptions; instead, the script fixes them automatically.

Input

PARAMETER	REQUIRED	DESCRIPTION
Person Number	Optional	Person number (for example, 123) or comma-separated list of person numbers (for example, 123,456,789) or blank. If left blank, it runs for the entire population.
Corruption Type	Y	Enter a number to identify the type of corruption listed in below table.
Run Mode	Y	VALIDATE or COMMIT <ul style="list-style-type: none">VALIDATE - Prints details of all corruptions without making any changes to the data. This gives an idea of all fixes the diagnostics will make when run in COMMIT modeCOMMIT - Fixes the data and commits the changes to the database. Changes made are irreversible.

NOTE: Always run the diagnostics in VALIDATE mode first, verify the corruptions and data that will be updated before running in COMMIT mode.

This table lists the objects and corresponding tables that are referenced.

S. NO.	OBJECT	TABLE	COLUMN NAME
1	People	per_all_people_f	-
2	Person	per_persons	-
3	Legislative Info	per_people_legislative_f	-
4	Person Type Usages	per_person_type_usages_m	-
5	Person Names	per_person_names_f	-

6	Images	per_images	-
7	People Extra Information	per_people_extra_info_f	-
8	Emails	per_email_addresses	-
9	National Identifiers	per_national_identifiers	-
10	Phones	per_phones	-
11	Address Usages	per_person_addr_usages_f	-
12	Addresses	per_addresses_f	-
13	Contact Relationships	per_contact_relships_f	-
14	Contact Extra Information	per_contact_extra_info_f	-
15	Visas Permits	per_visas_permits_f	-
16	Context	fnd_df_contexts_vl	-
17	Passport	per_passports	-
18	Drivers Licenses	per_drivers_licenses	-
19	Person Event Record	per_event_process_stage and per_event_process_stage_detail	-
20	Work Relationships	per_periods_of_service	-
21	Assignments	per_all_assignments_m	-
22	Contact Information Category	per_contact_relships_f	cont_information_category
23	License Information Category	per_drivers_licenses	lic_information_category
24	Passport Information Category	per_passports	pas_information_category
25	Person Information Category	per_people_legislative_f	per_information_category
26	Contact Relationship DDF	per_contact_relships_f	per_person_contact_relationship_ddf
27	Person Legislative DDF	per_people_legislative_f	per_person_legislative_data_leg_ddf
28	Passport DDF	per_passports	per_person_passport_leg_ddf
29	Visa DDF	per_visas_permits_f	per_person_visa_leg_ddf

30	Drivers License DDF	per_drivers_licenses	per_persondrivers_license_leg_ddf
31	Visa Information Category	per_visas_permits_f	vis_information_category

Note: EOT indicates End Of Time i.e. 31-Dec-4712.

This table provides a list of corruption type values that can be used as input parameter and the corresponding data it fixes.

CORRUPTION TYPE	DESCRIPTION	TABLES AFFECTED
1	<p>People record's start date is earlier than person record's start date</p> <p>For each person,</p> <ul style="list-style-type: none"> • Detects if people records' least effective start date is earlier than person record's start date • Updates the people record's least effective start date to be same as person record's start date 	per_all_people_f
2	<p>People record's end date is not till EOT</p> <p>For each person,</p> <ul style="list-style-type: none"> • Detects if people record's maximum effective end date is not same as EOT • Updates the people record's maximum effective end date to EOT 	per_all_people_f
3	<p>Legislation record start date is after person start date</p> <p>For each person,</p> <ul style="list-style-type: none"> • Detects if the least effective start date in legislation info is after the start date in person object. • Inserts a new row in legislation info which will be effective from start date of person and till the least effective start date -1 in legislation info. The legislation code for the new record will be same as the record with the least effective start date in legislation info. <p>Legislation record start date is before person start date</p> <p>For each person,</p> <ul style="list-style-type: none"> • Detects if the least effective start date in legislation info is before the start date in person object. • Updates the least effective start date in legislation info to be same as the start date in person object. <p>Legislation end date is not till EOT</p> <p>For each person,</p> <ul style="list-style-type: none"> • Detects if the maximum effective end date in legislation info is not same as EOT. 	per_people_legislative_f

	<ul style="list-style-type: none"> Updates the maximum effective end date in legislation info to be same as EOT. 	
4	<p>Overlapping legislative records</p> <p>For each person,</p> <ul style="list-style-type: none"> Detects if there are overlapping date effective records in legislation info. Updates the effective dates in legislation info to resolve the overlapping corruption. This can also lead to removal of any legislation info rows if there exists multiple rows for an effective date. 	per_people_legislative_f
5	<p>Duplicate records for "CON" system person type</p> <p>For each person,</p> <ul style="list-style-type: none"> Detects if there are duplicate records for "CON" system person type in person type usage for same effective date. Deletes duplicate records for "CON" system person type in person type usage for same effective date. 	per_person_type_usages_m
6	<p>Person has different legislation code with same legislation id</p> <p>For each person,</p> <ul style="list-style-type: none"> Detects if there are multiple legislation codes for same legislation id in legislation info. Updates the legislation code for same legislation id to be same as the legislative record with the least effective start date for a legislative id in legislation info. 	per_people_legislative_f
7	<p>Multiple global name records for a person with different person name id</p> <p>For each person,</p> <ul style="list-style-type: none"> Detects if there are multiple global name records with different person name ids. Deletes all the invalid global name records and keeps only valid one in person names to resolve the corruption. 	per_person_names_f
8	<p>Multiple local name records for a person</p> <p>For each,</p> <ul style="list-style-type: none"> Detects if there are multiple local name records with different person name ids. Deletes all the invalid local name records and keeps only valid one in person names to resolve the corruption. 	per_person_names_f
9	<p>Name record start date is after name record end date</p> <p>For each person,</p> <ul style="list-style-type: none"> Detects if there are name records with effective start date after effective end date in names. 	per_person_names_f

	<ul style="list-style-type: none"> Deletes the name records with effective start date after effective end date in names. <p>Name record start date is before person start date</p> <p>For each person,</p> <ul style="list-style-type: none"> Detects if the least effective start date in names is before the start date in person object. Deletes if there are any name record in names with effective start date and effective end date before the person start date. Updates the least effective start date in names to be same as the start date in person object. <p>Names end date is not till EOT</p> <p>For each person,</p> <ul style="list-style-type: none"> Detects if the maximum effective end date in names is not same as EOT. Updates the maximum effective end date in names to be same as EOT. 	
10	<p>Overlapping records for person name</p> <p>For each person,</p> <ul style="list-style-type: none"> Detects if there are overlapping date effective records in person names. Updates the effective dates in person names to resolve the overlapping corruption. This can also lead to removal of any person names rows if there exists multiple rows for an effective date. 	per_person_names_f
11	<p>Image name is not set for person</p> <p>For each person,</p> <ul style="list-style-type: none"> Detects if the image name is null in images. Updates the image name to IMG<image_id> in images. 	per_images
12	<p>Multiple profile images exist for person</p> <p>For each person,</p> <ul style="list-style-type: none"> Detects if there are multiple images of type PROFILE with primary flag as Y in images. Updates the primary flag as N for the older images in images. 	per_images
13	<p>Extra information start date is not matching with person start date</p> <p>For each person,</p> <ul style="list-style-type: none"> Detects if the least effective start date in people extra information is before the start date in person. Deletes if there are any extra information record in people extra information with effective start 	per_people_extra_info_f

	<p>date and effective end date before the person start date.</p> <ul style="list-style-type: none"> Updates the least effective start date in people extra information to be same as the start date in person object. 	
14	<p>People start date greater than end date</p> <p>For each person,</p> <ul style="list-style-type: none"> Detects if there are people records with effective start date after effective end date in people. Deletes the people records with effective start date after effective end date in people. 	per_all_people_f
15	<p>Multiple email address with mastered ldap flag as Y</p> <p>For each person,</p> <ul style="list-style-type: none"> Detects if there are multiple email addresses with mastered in ldap flag as Y in emails. Provides action plan to run change person email addresses mastered_in_ldap diagnostic test by providing email_address_id that user want to have mastered_in_ldap_flag as Y. 	No tables affected. If corruption is present, will provide action plan to run change person email addresses MASTERED_IN_LDAP diagnostic test with providing email_address_id that user want to have mastered_in_ldap_flag as Y.
16	<p>Primary national identifier id in people object is not present in national identifiers table</p> <p>For each person,</p> <ul style="list-style-type: none"> Detects if there is primary national identifier id in people object which is not present in national identifiers table. Removes the primary national identifier id in people object if it is not present in national identifiers. 	per_all_people_f
17	<p>Primary email id in people object is not present in emails</p> <p>For each person,</p> <ul style="list-style-type: none"> Detects if there is primary email id in people object, which is not present in emails. Removes the primary email id in people object for a person if it is not present in emails. 	per_all_people_f
18	<p>Primary phone id in people object is not present in phones table</p> <p>For each person,</p> <ul style="list-style-type: none"> Detects if there is primary phone id in people object, which is not present in phones. Removes the primary phone id in people object for a person if it is not present in phones table. 	per_all_people_f
19	<p>Address record start date is different from person start date</p> <p>For each person,</p> <ul style="list-style-type: none"> Detects if the least effective start date in addresses and address usages table is before the start date in person object. 	per_person_addr_usages_f, per_addresses_f

	<ul style="list-style-type: none"> Deletes if there are any address record in addresses and address usages table with effective start date and effective end date before the person start date. Updates the least effective start date in address and address usages table to be same as the start date in person object. 	
21	<p>For particular legislation passport information category is null in passports but there exists record in context table for passport ddf.</p> <ul style="list-style-type: none"> Detects if for a particular legislation passport information category is null in passports, but the ddf is defined in the descriptive flex fields section for a person. Updates the passport information category to proper code, so that customer can view the ddf fields on ui for a person. 	per_passports
22	<p>For a particular legislation license information category is null in drivers licenses but there exists record in context table for drivers license ddf.</p> <ul style="list-style-type: none"> Detects if for a particular legislation license information category is null in drivers licenses, but the ddf is defined in the descriptive flex fields section for a person. Updates the license information category to proper code, so that customer can view the ddf fields on ui for a person. 	per_drivers_licenses
23	<p>For particular legislation contact information category is null in contact relationships but there exists record in context table for contact relationship ddf.</p> <ul style="list-style-type: none"> Detects if for a particular legislation contact information category is null in contact relationships, but the ddf is defined in the descriptive flex fields section for a person. Updates the contact information category to proper code, so that customer can view the ddf fields on ui for a person. 	per_contact_relships_f
24	<p>For particular legislation person information category is null in legislative info but there exists record in context table for person legislative ddf.</p> <ul style="list-style-type: none"> Detects if for a particular legislation person information category is null in legislative info, but the ddf is defined in the descriptive flex fields section for a person. Updates the person information category to proper code, so that customer can view the ddf fields on ui for a person. 	per_people_legislative_f
25	<p>For particular legislation visa information category is null in visas permits but there exists record in context table for visa ddf</p>	per_visas_permits_f

	<ul style="list-style-type: none"> • Detects if for a particular legislation visa information category is null in visas permits, but the ddf is defined in the descriptive flex fields section for a person. • Updates the visa information category to proper code, so that customer can view the ddf fields on ui for a person. 	
26	<p>Overlapping of date effectivity in people object</p> <p>For each person,</p> <ul style="list-style-type: none"> • Detects if there are overlapping date effective records in people object. • Updates the effective dates in people object table to avoid overlap. If there are multiple people object rows for a given effective date, only one row is retained, and the remaining are removed. 	per_all_people_f
27	<p>Overlapping of date effectivity in contact relationships table</p> <p>For each person,</p> <ul style="list-style-type: none"> • Detects if there are overlapping date effective records in contact relationships table. • Updates the effective dates in contact relationships table to avoid overlap. If there are multiple contact relationship rows for a given effective date, only one row is retained, and the remaining are removed. 	per_contact_relships_f
28	<p>Overlapping of date effectivity in contact extra information table</p> <p>For each person,</p> <ul style="list-style-type: none"> • Detects if there are overlapping date effective records in contact extra information table. • Updates the effective dates in contact extra information to avoid overlap. If there are multiple contact extra information rows for a given effective date, only one row is retained, and the remaining are removed. 	per_contact_extra_info_f
29	<p>Overlapping of date effectivity in people extra information table</p> <p>For each person,</p> <ul style="list-style-type: none"> • Detects if there are overlapping date effective records in people extra information table. • Updates the effective dates in people extra information table to avoid overlap. If there are multiple people extra information rows for a given effective date, only one row is retained, and the remaining are removed. 	per_people_extra_info_f
30	<p>Overlapping of date effectivity in visas permits table</p> <p>For each person,</p>	per_visas_permits_f

	<ul style="list-style-type: none"> • Detects if there are overlapping date effective records in visas permits. • Updates the effective dates in visas permits to avoid overlap. If there are multiple visas permits rows for a given effective date, only one row is retained, and the remaining are removed. 	
31	<p>Removal of person event record</p> <p>For each person,</p> <ul style="list-style-type: none"> • Deletes person event record • Helps when synchronise person record ESS fails with XML parsing error in cases where a person has special characters in person number. 	<p>per_event_process_stage, per_event_process_stage_detail</p>
32	<p>Overlapping of date effectivity in addresses table</p> <p>For each person,</p> <ul style="list-style-type: none"> • Detects if there are overlapping date effective records in addresses. • Updates the effective dates in addresses to avoid overlap. If there are multiple address rows for a given effective date, only one row is retained, and the remaining are removed. 	<p>per_addresses_f</p>
33	<p>Overlapping of date effectivity in address usages table</p> <p>For each person,</p> <ul style="list-style-type: none"> • Detects if there are overlapping date effective records in address usages. • Updates the effective dates in address usages to avoid overlap. If there are multiple address usage rows for a given effective date, only one row is retained, and the remaining are removed. 	<p>per_person_addr_usages_f</p>
34	<p>Insertion of missing legislation</p> <p>For each person,</p> <ul style="list-style-type: none"> • Detects if a person is not having record for a legislation code in legislation info. • Inserts legislation record based on legislation code from work relationships. 	<p>per_people_legislative_f</p>
35	<p>Terminating add contact transaction from transaction console is not clearing the transaction from ui</p> <p>For each person,</p> <ul style="list-style-type: none"> • Detects if there is a pending add contact in family and emergency contact page even though the transaction is terminated/aborted from transaction console. • Deletes the pending contact relationships from contact relationships if the transaction is terminated/aborted from transaction console. • This corruption type takes transaction initiator's person number as input in the person number parameter. 	<p>per_contact_relationships_f</p>

36	<p>Removes contact relationships if corresponding add contact approvals cannot be completed anymore.</p> <p>For each person,</p> <ul style="list-style-type: none"> • Detects if there are any contact relationship records that was abandoned in cases like coworker of a contact relationship was terminated, coworker approval transaction is not present or not in assigned status. • Deletes any contact relationship records that was abandoned for a person. This will also delete the transaction information. 	<p>per_contact_relships_f, hrc_txn_console_entry, hrc_txn_data</p>
37	<p>Address start date is not same as person's start date for a candidate</p> <p>For each person,</p> <ul style="list-style-type: none"> • Detects if the effective start date in addresses and address usages table is not same as the start date in person table for a candidate. • Deletes any date effective splits if present in addresses and address usages table for a candidate. • Updates effective start date of the addresses and address usages table same as start date in person table for a candidate. 	<p>per_person_addr_usages_f, per_addresses_f</p>
38	<p>Multiple legislative id with same legislation code</p> <p>For each person,</p> <ul style="list-style-type: none"> • Detects if there are multiple legislation ids for same legislation code in legislation info. • Deletes the oldest legislation id records in legislation info to resolve the corruption. 	<p>per_people_legislative_f</p>

Output

This diagnostic test generates relevant messages related to the modifications made to the data based on the parameters provided by the user.

If the diagnostic test is run in VALIDATE mode, the diagnostic test output indicates a rollback at the end. If the diagnostic is run in COMMIT mode, output indicates that the changes are committed.

Data Affected

Data affected depends on the person number(s) and corruption type parameters. Refer above for corruption types and corresponding tables that are affected.

Sample

Person Diagnostic Auto Correct

Test Name	Person Diagnostic Auto Correct
Start Date	2020-01-31T10:43:37Z
End Date	2020-01-31T10:43:40Z
Execution Id	99FB18BFEFF0AFCE053F58EF10A84A8
Run Id	99FB08CA17050AD0E053F58EF10A533D
NLS Bundle	
Source Language	en
Status Code	S
Version	11.13.20.01.0
Date Format	YYYY-MM-DDThh:mm:ss.sTZD

Diagnostics_Engine_Log

Session Information

The Test Person Diagnostic Auto Correct is using a database connection with Session Id 5273 and Serial Number 18768

Person Diagnostic Auto Correct

- Corruption Type (required) = 8
- Person Number(s) =
- Run Mode (required) = VALIDATE

Person Diagnostic Auto Correct - Report

Validation Completed. Rollback done. No Changes saved.

Script Execution complete.

Corruption Type 8 in VALIDATE mode

Person Diagnostic Auto Correct

Test Name	Person Diagnostic Auto Correct
Start Date	2020-03-17T09:26:54Z
End Date	2020-03-17T09:26:58Z
Execution Id	A0B91C9F837F2481E053F58EF10AD80A
Run Id	A0B91E70427A2483E053F58EF10AD4EE
NLS Bundle	
Source Language	en
Status Code	S
Version	11.13.20.04.0
Date Format	YYYY-MM-DDThh:mm:ss.sTZD

Diagnostics_Engine_Log

Session Information

The Test Person Diagnostic Auto Correct is using a database connection with Session Id 4605 and Serial Number 47527

Person Diagnostic Auto Correct

- Corruption Type (required) = 2
- Person Number(s) =
- Run Mode (required) = VALIDATE

Person Diagnostic Auto Correct - Report

People End Date is not till EOT for 438 records.

Number Of Records Corrected: 438 . People End date related corruption is resolved

Validation Completed. Rollback done. No Changes saved.

Script Execution complete.

Corruption Type 2 in VALIDATE mode

Person Diagnostic Auto Correct

Test Name	Person Diagnostic Auto Correct
Start Date	2020-03-17T09:53:48Z
End Date	2020-03-17T09:53:57Z
Execution Id	A0B92444088E2473E053F58EF10A6507
Run Id	A0B92167312F2466E953F58EF10ACC67
NLS Bundle	
Source Language	en
Status Code	S
Version	11.13.20.04.0
Date Format	YYYY-MM-DDTHH:mm:ss.STZD

Diagnostics_Engine_Log

Session Information

The Test Person Diagnostic Auto Correct is using a database connection with Session Id 68 and Serial Number 32922

Person Diagnostic Auto Correct

- ◊ Corruption Type (required) = 3
- ◊ Person Number(s) =
- ◊ Run Mode (required) = VALIDATE

Person Diagnostic Auto Correct - Report

Legislation Record Start Date is after Person Start Date for 873 records.

Number Of Records Corrected: 873 . Legislation Start date after person start date related corruption is resolved.

Validation Completed. Rollback done. No Changes saved.

Legislation start date is before person start date for 2 records.

Number Of Records Corrected: 2 . Legislation start before than person start date corruption is resolved.

Validation Completed. Rollback done. No Changes saved.

Legislation End Date is not till EOT for 786 records.

Number Of Records Corrected: 786 . Legislation End date related corruption is resolved

Validation Completed. Rollback done. No Changes saved.

Script Execution complete.

Corruption Type 3 in VALIDATE mode

Person Diagnostic Auto Correct

Test Name	Person Diagnostic Auto Correct
Start Date	2020-03-17T09:59:12Z
End Date	2020-03-17T09:59:14Z
Execution Id	A0B9241882932475E053F58EF10AA4BA
Run Id	A0B94FED390D248AE053F58EF10A1805
NLS Bundle	
Source Language	en
Status Code	S
Version	11.13.20.04.0
Date Format	YYYY-MM-DDThh:mm:ss.sTZD

Diagnostics_Engine_Log

Session Information

The Test Person Diagnostic Auto Correct is using a database connection with Session Id 840 and Serial Number 3962

Person Diagnostic Auto Correct

- Corruption Type (required) = 5
- Person Number(s) =
- Run Mode (required) = VALIDATE

Person Diagnostic Auto Correct - Report

For PPTU, duplicate records for "CON" system person type for for 1 records.

For PPTU, duplicate records for "CON" system person type for related corruption is resolved

Validation Completed. Rollback done. No Changes saved.

Script Execution complete.

Corruption Type 5 in VALIDATE mode

CHANGE PERSON EMAIL ADDRESSES MASTERED_IN_LDAP

Purpose

This diagnostic test fixes the issue where a person has multiple email addresses with MASTERED_IN_LDAP flag as Y. For a given person, only one email address is expected to have MASTERED_IN_LDAP flag as Y.

Input

PARAMETER	REQUIRED	DESCRIPTION
Person Number(s)	Y	Person number (for example, 123) or comma- separated list of person numbers (for example, 123,456,789)
Run Mode	Y	VALIDATE or COMMIT <ul style="list-style-type: none">VALIDATE - Prints details of all changes to the data. This gives an idea of all fixes the diagnostics will make when run in COMMIT modeCOMMIT - Fixes the data and commits the changes to the database. Changes made are irreversible.
Email Address	Y	Enter the email address for the person whose MASTERED_IN_LDAP flag should be Y. If you enter multiple person numbers, then enter one email address per person in the same order of corresponding person numbers. For a given person, all email addresses other than the one provided here is marked with MASTERED_IN_LDAP as N.

Output

The diagnostics test prints relevant messages regarding data corrected for the person(s) provided as input.

If the diagnostics test is run in VALIDATE mode, after printing relevant messages about person(s) affected, it shows that the changes are rolled back. If the diagnostic test is run in COMMIT mode, it shows that the changes are committed.

Data Affected

The diagnostics test modifies data in PER_EMAIL_ADDRESSES table to set MASTERED_IN_LDAP to Y for only one email address per person.

Caution: This diagnostic test does not backup the eligible records before updating them. First, verify the test in DEV or TEST environment before running in PROD. Also, verify the data it affects using VALIDATE mode before running in COMMIT mode.

Sample

Change Person Email Addresses MASTERED_IN_LDAP

Test Name	Change Person Email Addresses MASTERED_IN_LDAP
Start Date	2020-01-31T05:11:12Z
End Date	2020-01-31T05:11:14Z
Execution Id	99FAB40ECD120AAE053F58EF10AA9C4
Run Id	99FB06CBBA110AE4E053F58EF10AD1CB
NLS Bundle	
Source Language	en
Status Code	S
Version	11.13.20.01.0
Date Format	YYYY-MM-DDThh:mm:ss.sTZD

Diagnostics_Engine_Log

Session Information

The Test Change Person Email Addresses MASTERED_IN_LDAP is using a database connection with Session Id 3083 and Serial Number 40686

Change Person Email Addresses MASTERED_IN_LDAP

- Run Mode (required) = Validate
- Email Address Id (required) = 300100026219596
- Person Number (required) = 955160008174705

Person Diagnostic Email Address LDAP Flag Correct - Report

Person Number 955160008174705 exist in system.

Email Address exists for the person in system.

Multiple Email Addresses with LDAP Flag as Y corruption resolved.

Validation Completed. Rollback done. No Changes saved.

Script Execution complete.

CHANGE PERSON START DATE

Purpose

This diagnostic test is used to change the start date of a particular person.

The start date of a person is changed only if following conditions are satisfied.

- The person is only a contact.
- The person doesn't have any work relationships.
- The person doesn't have any contact relationships.
- The person doesn't have any benefit related event.
- The person doesn't have any payroll relationship.
- The new start date is before any end date on person's child records such as names, legislative information, visa or permits, and so on.

Input

PARAMETER	REQUIRED	DESCRIPTION
Person Number(s)	Y	Person number (for example, 123) or comma-separated list of person numbers (for example, 123,456,789) for whom start date needs to be changed.
Run Mode	Y	VALIDATE or COMMIT <ul style="list-style-type: none">• VALIDATE - Prints details of all changes to the data. This gives an idea of all fixes the diagnostics will make when run in COMMIT mode• COMMIT - Fixes the data and commits the changes to the database. Changes made are irreversible.
New Start Date	Y	New start date for the person(s).

Output

The diagnostics test prints relevant messages showing whether for a given person if start date is changed or not. If the start date isn't changed for a person, the reason is printed.

If the diagnostic test is run in VALIDATE mode, after printing relevant messages about persons affected, it shows that the changes are rolled back. If the diagnostic test is run in COMMIT mode, it shows that the changes are committed.

Data Affected

Running this diagnostic test affects a given person's data in following tables that stores records corresponding to that person.

- PER_ALL_PEOPLE_F
- PER_PERSONS
- PER_PERSON_NAMES_F
- PER_PERSON_ADDR_USAGES_F
- PER_ADDRESSES_F
- PER_PEOPLE_LEGISLATIVE_F
- PER_PEOPLE_EXTRA_INFO_F
- PER_PHONES
- PER_EMAIL_ADDRESSES

- PER_PERSON_DLVRY_METHODS
- PER_VISAS_PERMITS_F
- PER_CONTACT_RELSHIPS_F

Caution: This diagnostic test does not backup the eligible records before updating them. First, verify the test in DEV or TEST environment before running in PROD. Also, first verify the data it affects using VALIDATE mode before running in COMMIT mode.

Sample

Change Person Start Date

Test Name	Change Person Start Date
Start Date	2020-01-31T09:54:55Z
End Date	2020-01-31T09:55:05Z
Execution Id	99FB01B3F6760AE8E053F58EF10A43D9
Run Id	99FB06CBBC670AE4E053F58EF10AD1CB
NLS Bundle	
Source Language	en
Status Code	S
Version	11.13.20.01.0
Date Format	YYYY-MM-DDThh:mm:ss.sTZD

Diagnostics_Engine_Log

Session Information

The Test Change Person Start Date is using a database connection with Session Id 830 and Serial Number 6007

Change Person Start Date

- Run Mode (required) = VALIDATE
- New Start Date (required) = Fri Jan 10 00:00:00 UTC 2020
- Person Number(s) (required) = 966169008890345

Change Start Date

Validating Person Number : 966169008890345

Person Number 966169008890345 validated.

VPD is turned ON

Person is a contact and can be processed

Start date has been changed

VPD is turned OFF

Script Execution complete.

CORRECT PERSON CONTACT RELATIONSHIP DATA

Purpose

This diagnostic test deletes contact relationships of a given contact type for the given person(s).

Input

PARAMETER	REQUIRED	DESCRIPTION
Person Number(s)	Y	Person number (for example, 123) or comma separated list of person numbers (for example, 123,456,789).
Run Mode	Y	VALIDATE or COMMIT <ul style="list-style-type: none">VALIDATE - Prints details of all changes to the data. This gives an idea of all fixes the diagnostics will make when run in COMMIT modeCOMMIT - Fixes the data and commits the changes to the database. Changes made are irreversible.
Contact Type	Y	New start date for the person(s).

Output

This diagnostic test prints messages related to matching contact relationships that are deleted.

If the diagnostics test is run in VALIDATE mode, after printing relevant messages about person(s) affected, it shows that the changes are rolled back. If the diagnostic test is run in COMMIT mode, it shows that the changes are committed.

Data Affected

The diagnostics test deletes matching contact relationship records in PER_CONTACT_RELSHIPS_F table.

Caution: This diagnostic test does not backup the eligible records before updating them. First, verify the test in DEV or TEST environment before running in PROD. Also, first verify the data it affects using VALIDATE mode before running in COMMIT mode.

Sample

Correct Person Contact Relationship Data

Test Name	Correct Person Contact Relationship Data
Start Date	2020-01-31T09:07:10Z
End Date	2020-01-31T09:07:11Z
Execution Id	99FAD854BCF60AD8E053F58EF10AEA0B
Run Id	99FB064600120ADCE053F58EF10A81A1
NLS Bundle	
Source Language	en
Status Code	S
Version	11.13.20.01.0
Date Format	YYYY-MM-DDThh:mm:ss.sTZD

Diagnostics_Engine_Log

Session Information

The Test Correct Person Contact Relationship Data is using a database connection with Session Id 3834 and Serial Number 53597

Correct Person Contact Relationship Data

- Contact Type (required) = S
- Run Mode (required) = VALIDATE
- Person Number (required) = 133

Person Diagnostic Correct Contact data - Report

Contact related corruption is for 1 records.

Contact related corruption is resolved

Validation Completed. Rollback done. No Changes saved.

CORRECT PERSON PRIMARY ADDRESS DATA

Purpose

For the given person(s), this diagnostic test addresses below.

1. Mark an address as primary if no address is marked as primary
2. Correct date corruptions related to addresses and address usages below.

Input

PARAMETER	REQUIRED	DESCRIPTION
Person Number(s)	Y	Person number (for example, 123) or comma separated list of person numbers (for example, 123,456,789).
Run Mode	Y	VALIDATE or COMMIT <ul style="list-style-type: none">• VALIDATE - Prints details of all changes to the data. This gives an idea of all fixes the diagnostics will make when run in COMMIT mode• COMMIT - Fixes the data and commits the changes to the database. Changes made are irreversible.

Output

Displays the type of corruption faced and operations performed to remove the corruption.

If the diagnostics test is run in VALIDATE mode, after printing relevant messages about person(s) affected, it shows that the changes are rolled back. If the diagnostic test is run in COMMIT mode, it shows that the changes are committed.

Data Affected

This diagnostic test affects following data as applicable.

1. Effective Start Date and the Effective End Date in PER_ADDRESSES_F and PER_PERSON_ADDR_USAGES_F tables.
2. Primary Address Flag in PER_ALL_PEOPLE_F table.

Sample

Correct Person Primary Address Data

Test Name	Person Primary Address Data Correction
Start Date	2020-01-29T11:12:38Z
End Date	2020-01-29T11:12:57Z
Execution Id	99FAC673443E0AD4E053F58EF10A6365
Run Id	99FB01B3D3680AE8E053F58EF10A43D9
NLS Bundle	
Source Language	en
Status Code	S
Version	11.13.20.01.0
Date Format	YYYY-MM-DDThh:mm:ss.sTZD

Diagnostics_Engine_Log

Session Information

The Test Person Primary Address Data Correction is using a database connection with Session Id 806 and Serial Number 55475

Correct Person Primary Address Data

- Person Number(s) = 3330
- Run Mode (required) = VALIDATE

Correct Person Primary Address

Total number of records that need to be corrected: 1

For Person Number 3330:

Number of Invalid Address set as primary is 1

Please create an address and set it as primary

****No valid address found which is active till EOT****

Number of corrupt records for person Number 3330 after completion of this diagnostic test: 1

After diagnostic test execution, Corrupt records still exists for 3330 This needs to be reviewed.

****Please log an SR with the output of this Report****

Rollback done. No Changes saved.

Validation of the Diagnostic completed. Rollback done. No Changes saved.

() Persons have multiple Home Address

Script Execution complete.

CORRECT PERSON TYPE USAGE DATA

Purpose

For a given person, this diagnostic test deletes the mentioned system person type. This test deletes the system person type if following criteria are met.

- System person type is **PRTN**, **DPNT** or **BNF**
- Person does not have data in benefits tables
 - If System person type is **PRTN**, then person should not have record in BEN_PER_IN_LER table.
 - If System person type is **BNF**, then person should not have record in BEN_PL_BNF table.
 - If System person type is **DPNT**, then person should not have record in BEN_ELIG_DPNT table.

Input

PARAMETER	REQUIRED	DESCRIPTION
Person Number	Y	Person number (for example, 123). Only one-person number needs to be entered.
System Person Type	Y	System person type (for example, PRTN , DPNT , or BNF)
Run Mode	Y	VALIDATE or COMMIT <ul style="list-style-type: none">• VALIDATE - Prints details of all changes to the data. This gives an idea of all fixes the diagnostics will make when run in COMMIT mode• COMMIT - Fixes the data and commits the changes to the database. Changes made are irreversible.

Output

This diagnostic test prints messages related to matching system person type record that is deleted. If the test fails, the reason is printed.

If the diagnostics test is run in VALIDATE mode, after printing relevant messages about person(s) affected, it shows that the changes are rolled back. If the diagnostic test is run in COMMIT mode, it shows that the changes are committed.

Data Affected

For the given person and system person type, matching record(s) is deleted from PER_PERSON_TYPE_USAGES_M table.

Caution: This diagnostic test does not backup the eligible records before deleting them. Run the test in DEV or TEST environment first. In PROD, run the test in VALIDATE mode before running in COMMIT mode.

Sample

Correct Person Type Usage Data

Test Name	Correct Person Type Usage Data
Start Date	2020-01-29T11:58:21Z
End Date	2020-01-29T11:58:22Z
Execution Id	99FB039B1D770AE0E053F58EF10A3AD9
Run Id	99FB039B1D6A0AE0E053F58EF10A3AD9
NLS Bundle	
Source Language	en
Status Code	S
Version	11.13.20.01.0
Date Format	YYYY-MM-DDThh:mm:ss.sTZD

Diagnostics_Engine_Log

Session Information

The Test Correct Person Type Usage Data is using a database connection with Session Id 3051 and Serial Number 52937

Correct Person Type Usage Data

- System Person Type (required) = PRTN
- Run Mode (required) = VALIDATE
- Person Number (required) = 300100003069689

Person Diagnostic Correct Person Type Usage data - Report

Type usage related corruption is for 1 records.

Type usage related corruption is resolved

Validation Completed. Rollback done. No Changes saved.

PERSON SEARCH KEYWORDS INTEGRITY

Purpose

This diagnostic test compares number of columns between tables PER_KEYWORDS and PER_KEYWORDS_SH and if they mismatch, it recreates table PER_KEYWORDS_SH to match with table PER_KEYWORDS.

Input

PARAMETER	REQUIRED	DESCRIPTION
Run Mode	Y	COMMIT This test accepts only COMMIT as the input parameter.

Output

This diagnostic test prints messages related to mismatch in number of columns between tables PER_KEYWORDS and PER_KEYWORDS_SH and details about the fix to recreate table PER_KEYWORDS_SH with correct columns.

Data Affected

This diagnostic test compares number of columns between tables PER_KEYWORDS and PER_KEYWORDS_SH and if they mismatch, it recreates table PER_KEYWORDS_SH to match with table PER_KEYWORDS.

Sample

Person Search Keywords Integrity

Test Name	Person Search Keywords Integrity
Start Date	2020-02-06T16:59:21Z
End Date	2020-02-06T16:59:22Z
Execution Id	99FB18BFF3690AFCE053F58EF10A84A8
Run Id	99FB06CC118F0AE4E053F58EF10AD1CB
NLS Bundle	
Source Language	en
Status Code	S
Version	11.13.20.01.0
Date Format	YYYY-MM-DDThh:mm:ss.TZD

Diagnostics_Engine_Log

Session Information

The Test Person Search Keywords Integrity is using a database connection with Session Id 1595 and Serial Number 53320

Person Search Keywords Integrity

- Run Mode (required) = Commit

*****Person Diagnostic Correct Person Keywords data - Report*****

Keywords corruption is resolved

Committing final changes to DB..

CORRECT ORPHAN BENEFICIARY CONTACT RELATIONSHIP END DATE

Purpose

For given person(s), if (any or given) contact persons' dependent or beneficiary record is active but corresponding contact relationships is end-dated, this diagnostic sets the contact relationship's end date to match with the end date of the benefit designation.

Input

PARAMETER	REQUIRED	DESCRIPTION
Worker Person Number(s)	N	<ul style="list-style-type: none">Worker's person number (for example, 123) whose contacts should be fixedComma-separated list of workers' person numbers (for example, 123,456,789) all of whose contacts should be fixedBlank - Applicable only in VALIDATE mode to print all contacts of all workers with issue
Contact Person Number(s)	N	<p>This parameter is applicable only when one worker person number is provided for the first parameter. If multiple worker person numbers are provided for the first parameter, this parameter value is ignored.</p> <p>When only one worker number is provided for the first parameter, this parameter can have following values</p> <ul style="list-style-type: none">Worker's contact person number (for example, 123)Comma-separated list of worker's contact persons' numbers (for example, 123,456,789)Blank - To run for all contacts for the worker
Run Mode	Y	<p>VALIDATE or COMMIT</p> <ul style="list-style-type: none">VALIDATE - Prints details of all corruptions without making any changes to the data. This gives an idea of all fixes the diagnostics will make when run in COMMIT modeCOMMIT - Fixes the data and commits the changes to the database. Changes made are irreversible.

Output

Based on parameters passed, this diagnostic test prints messages related to worker's contacts whose dependent or beneficiary records are active but corresponding contact relationship is end-dated.

If the diagnostics test is run in VALIDATE mode, after printing relevant messages about person(s) affected, it shows that the changes are rolled back. If the diagnostic test is run in COMMIT mode, it shows that the changes are committed..

Data Affected

This diagnostics test updates the contact relationship end date in PER_CONTACT_RELSHIPS_F table to match with corresponding benefit designation end date.

Sample

Correct Orphan Beneficiary Contact Relationship End Date

Test Name	Correct Orphan Beneficiary Contact Relationship End Date
Start Date	2020-04-29T10:07:23Z
End Date	2020-04-29T10:07:24Z
Execution Id	A0B91F6A648C247DE053F58EF10A9EF1
Run Id	A0B7964B9E482463E053F58EF10AFACF
NLS Bundle	
Source Language	en
Status Code	S
Version	11.13.20.04.0
Date Format	YYYY-MM-DDThh:mm:ss.sTZD

Diagnostics_Engine_Log

Session Information

The Test Correct Orphan Beneficiary Contact Relationship End Date is using a database connection with Session Id 4548 and Serial Number 15322

Correct Orphan Beneficiary Contact Relationship End Date

- Person Number(s) = 955169008166540
- Run Mode (required) = VALIDATE
- Contact Person Number(s) = 955169008166541

*** Correct Contact Relationships to Synch with Benefits ***

***** Person Number: 955169008166540

Person number 955169008166540 is valid.

***** Contact Person Number: 955169008166541

Person number 955169008166541 is valid.

***** Processing for Person(s): 955169008166540, Contact(s): 955169008166541

Total eligible records found : 1

**** Person Number: 955169008166540

Current Effective End Date 01-MAR-2006

New Effective End Date 31-DEC-2007

Total records to be corrected : 1

Validation completed. Changes not committed to database.

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