Infor Enterprise Server 10.2.1 Technical Notes

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About this guide

This document provides technical notes about Infor Enterprise Server.

Intended audience

This guide is intended for System Administrators.

Organization

This table shows the chapters of the guide:

Section	Description
Chapter 1	This chapter provides information about where to find the supported database and operating system versions as well as licensing information for this Enterprise Server version and Infor LN FP8.
Chapter 2	This chapter describes several points of attention about this version of Enterprise Server and Infor LN FP8.
Chapter 3	This chapter describes points of attention for the upgrade of an existing Infor LN installation with FP8.
Chapter 4 and 5	These chapters provide support related information.

Contacting Infor

If you have questions about Infor products, go to the Infor Xtreme Support portal at http://www.infor.com/inforxtreme.

If we update this document after the product release, we will post the new version on this Web site. We recommend that you check this Web site periodically for updated documentation.

If you have comments about Infor documentation, contact documentation@infor.com.

Infor Enterprise Server Technical Notes

1

Operating system and database

For operating system and database-specific notes, see *Infor Enterprise Server - Technical Notes for porting set 8.8a.02 (U9771)*, generic Porting Set solution 22923520 available through .

Infor LN FP8 licensing

Use these IDs:

- Infor365 Maintenance Contract: 10365

Register as a Concurrent User with a quantity of 1.The end-date you specify is the end-date of your maintenance contract for Infor LN.

Infor LN:

- Infor LN: 10056.
- Infor LN (2): 7114.
- Infor LN (3): 7115.
- Infor LN (4): 7116.

Infor LN Service:

- Infor LN Service: 10896.
- Infor LN Service (2): 7117.
- Infor Business Data Entity Modeler: 7033.
- Infor Business Data Entity Implementation Generator: 7034.
- Infor Business Data Entity Repository: 7035.

Infor Enterprise Server licensing

Runtime licensing

Infor Enterprise Server 8.4 introduced maintenance licensing. To run Enterprise Server 10.2, add the following product-id to your SLM license manager:

- Infor365 Maintenance Contract: 10365

  Register as a Concurrent User with a quantity of 1.

  The end-date you must fill in is the end-date of your maintenance contract for Infor LN.

The following lists contain the Infor Enterprise Server parts with their own product IDs that require licenses to run:

- Enterprise Server: 10996.

  Additional license:

  - Connector for JDBC: 7046.

    This license is required for the use of homepages.
  - Infor LN Connector for Web Services: 7056, server license
  - Invoking BDEs: 7056, server license

Studio licensing (development)

Check solution 22876519 to get a clear description of the required licensing for the Infor Enterprise Server Studio parts.

You can find the solution through http://www.infor.com/inforxtreme.

Infor LN FP8 New Installation Technical Notes

2

Install Infor LN FP8

This section describes points of attention about a new installation of Infor LN FP8.

For the complete installation procedure, see *Infor LN - Installation Guide (U9498)*.

Enterprise Server solutions

The Enterprise Server ISO image contains several solutions on top of the Enterprise Server feature pack. These solutions are mandatory and installed automatically, and should not be removed.

Installing an AS

When you install a separate AS, the installation wizard can display multiple porting sets in the Ready to Install Dialog box in the Installation Wizard. The display of multiple porting sets is incorrect. You can continue with the installation. Only the porting set that was selected in the earlier displayed Select Porting Set dialog box will be installed.

Configuring Informix BLOB space

If you use an Informix database, ensure that a so-called smart BLOB space is configured. See *Infor Enterprise Server - Technical Reference Guide for Informix Database Driver (U8781)*.

Log messages you can ignore

During the installation, these log messages can occur:

- Table tdsmi054xxx does not exist. (xxx can be various company numbers)
- Error 605 (Cannot delete record, because reference exists) on daxch014050 in select.

  These messages can be present in the file: “log.ottiex1288.tpB61_a”, and can be ignored:

```
2008-11-21[17:53:48(UTC-01:00)]:baan: Business Object not imported:
2008-11-21[17:53:48(UTC-01:00)]:baan: to import: tpB61 a pss020
2008-11-21[17:53:48(UTC-01:00)]:baan: blocked by: tpB61 a pdm903
```

Log messages in ${BSE}/log/log.pmc

You can ignore these messages, which might be present in the `${BSE}/log/log.pmc` file:

- `INFORMATION: Upgrade Run 1 for Package Combination b61au still needs to be initialized and run with Session ttspt2200m000.`
- `INFORMATION: Change your Package Combination to b61au before initial izing and running the Data Upgrade Run 1 with Session ttspt2200m000.`

Error messages in log file with unexpected company number

In the log files in `$BSE/log`, (UNIX) or Event viewer (Windows) messages can appear about tables that do not exist. These messages appear in these situations:

- Application tables are being searched in company 000.

  For example: `Table tdsmi050000 does not exist.`
- Tools tables (tt, tl) are being searched in an application company.

  For example: `tlbct700050: Table does not exist (error 506).`

You can ignore these messages.

Error messages given by check tables after installation

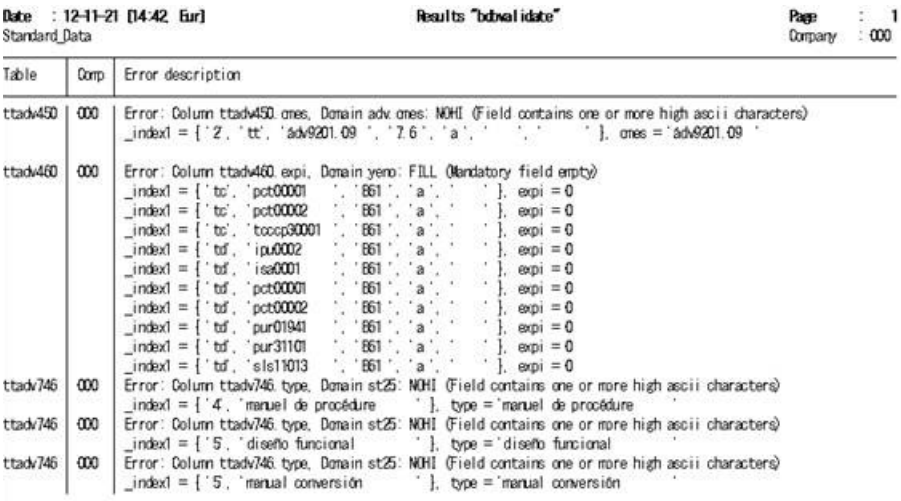
Running the Check Tables (ttaad4232m000) session after installation can give these error messages:

- `ttdba030.smod not according to NOHI (value 'ÿÿÿ')`
- `ttdba035.smod not according to NOHI (value 'ÿÿÿ')`

You can ignore these messages.

Bdbvalidate error report

The bdbvalidate error report gives incorrect `Field contains one or more high ascii character` errors. This will be fixed in the next release. This diagram shows an example:



Date : 12-11-21 [14:42 Eur] Results "bdbvalidate" Page : 1
Standard_Data Company : 000

Table	Comp	Error description
ttadv450	000	Error: Column ttadv450.cmes, Domain adv.cmes: NOHI (Field contains one or more high ascii characters) _index1 = ['2', 'tt', 'ádv9201.09 ', '7.6', 'a', ' ', ' '], cmes = 'ádv9201.09 '
ttadv460	000	Error: Column ttadv460.expi, Domain yeno: FILL (Mandatory field empty) _index1 = ['tc', 'pct00001 ', '861', 'a', ' '], expi = 0 _index1 = ['tc', 'pct00002 ', '861', 'a', ' '], expi = 0 _index1 = ['tc', 'tcccp30001 ', '861', 'a', ' '], expi = 0 _index1 = ['tdf', 'ipu0002 ', '861', 'a', ' '], expi = 0 _index1 = ['tdf', 'isa0001 ', '861', 'a', ' '], expi = 0 _index1 = ['tdf', 'pct00001 ', '861', 'a', ' '], expi = 0 _index1 = ['tdf', 'pct00002 ', '861', 'a', ' '], expi = 0 _index1 = ['tdf', 'pur01941 ', '861', 'a', ' '], expi = 0 _index1 = ['tdf', 'pur31101 ', '861', 'a', ' '], expi = 0 _index1 = ['tdf', 'sls11013 ', '861', 'a', ' '], expi = 0
ttadv746	000	Error: Column ttadv746.type, Domain st25: NOHI (Field contains one or more high ascii characters) _index1 = ['4', 'manuel de procédure '], type = 'manuel de procédure '
ttadv746	000	Error: Column ttadv746.type, Domain st25: NOHI (Field contains one or more high ascii characters) _index1 = ['5', 'diseño funcional '], type = 'diseño funcional '
ttadv746	000	Error: Column ttadv746.type, Domain st25: NOHI (Field contains one or more high ascii characters) _index1 = ['5', 'manual conversión '], type = 'manual conversión '

For SLM

There are two ways to install Infor Solution License Manager:

- Select this installable unit and the installation wizard will install SLM together with the other selected installable units in one run. The SLM installable unit will install all SLM components on the Infor LN server system. The default values for SLM will be configured. This means a master SLM Server will be started at port number 6005.
- You must use the standalone SLM installer in other situations. Possible situations that require the standalone SLM installer are:
  - Set your own values,
  - Install an SLM server on another system,
  - Only install an SLM client on the Infor LN system as there already is an SLM server present.
  - Install an SLM cluster.

Note that before you can proceed with the Infor LN installation, you must have installed SLM or selected the installable unit of SLM. The installation wizard will run a check on SLM components and will stop the installation if SLM information is not found.

SLM uninstall leaves some files on the system

A full uninstall of the Infor Solution License Manager will leave some files on the system, which must be removed manually. These files will not harm the system, but could cause problems on any following attempt to install the Infor Solution License Manager. All files and directories that remain in the installation directory, which was chosen during install (default `C:\Program Files\SLM\`), can be removed.

Startup menu after installation

After the installation, the installation user might have the **Tools** menu as the startup menu instead of the Infor LN startup menu (tccom00000000). To change this, use the User Data (ttaad2500m000) session.

Upgrade Notes

3

Updating to Infor LN FP8

This section describes points of attention about an upgrade to Infor LN FP8.

For the complete update procedure, see *Infor LN - Specific Installation Guide - Updates (U9497)*.

The Enterprise Server ISO image contains several solutions on top of the Enterprise Server feature pack. These solutions are mandatory and installed automatically, and should not be removed.

Updating to 10.2.1

This section is only applicable if you use MS SQL Server as your LN database and want to migrate to Infor 10.2.1.

Before you start the migration, you must run the Create Tables (ttaad4230m000) session to create all tables on your existing LN system.

This requirement is caused by a bug in portingset 8.8a02. This issue will be solved in portingset 8.8a03.

Updating an AS

When you update a separate AS, the installation wizard can display multiple porting sets in the Ready to Install Dialog box in the Installation Wizard. The display of multiple porting sets is incorrect. You can continue with the installation. Only the porting set that was selected in the earlier displayed Select Porting Set dialog box will be installed.

Configuring Informix BLOB space

If you use an Informix database, ensure that a so-called smart BLOB space is configured. See *Infor Enterprise Server - Technical Reference Guide for Informix Database Driver (U8781)*.

Post-install step: Customized form fields must have a unique identification assigned

Note: This step is required if your previous version is FP5 or earlier.

To personalize forms, each field on a form must have a unique identification assigned. FP6 comes with all the converted standard forms. Based on the converted standard forms, customized forms must be converted also. For more information, see "UUID Conversion Personalization" on page 21.

Multilanguage data enabling – upgrade from ES 8.4

Replacement of ISO 639-2 standard with 8.4.1 release

The data languages with ES 8.4 were based on the ISO 639-2 standard, which does not support all languages. For example, there is no differentiation between Simplified and Tradition Chinese, Brazilian European and Brazilian Portuguese, or English Great Britain and English US.

Therefore, with the release of Enterprise Server 8.4.1, Infor used another standard as a base for data language definition. This means that customers who have implemented multilanguage data enabling (mle) based on Enterprise Server 8.4 will take into account a table reconfiguration of multilanguage enabled tables.

NT package part of Enterprise Server AddOn

The nt package was originally part of the Infor LN packages; because its content is more technology oriented, the delivery with Enterprise Server 8.4 is moved to the Enterprise Server AddOn Installable Unit. The version is now nt_7.6_xx.

The package nt_b61_a has become obsolete.

Log messages you can ignore

During the installation, the following log messages might occur:

- No audited columns in table tdpur000050.
- Table tdsmi054000 does not exist.
- Error 605 (Cannot delete record, because reference exists) on daxch014050 in select.
- Remote execution failed Function IsTenantEnvironment not supported by BSI Remote Installer.
- Error while determining if this environment is a tenant environment.

This can occur for multiple tables. Because these messages are not fatal, you can ignore them.

After an update to 10.2.1, you can run the Change Package Combination by Company (ttaad1101m000) session to convert one or more companies to the new package combination that contains 10.2.1. This will result in several of these error messages in the log files and/or Event Viewer:

```
No definition in definition file for sopen(F_BRDD:dbpmdm060.new;F_BRDD:
dbpmdm060, dbpmdm060)
DD for bpmdm060 not found
```

These message are not harmful and will not block the conversion of the companies.

Log messages in ${BSE}/log/log.pmc

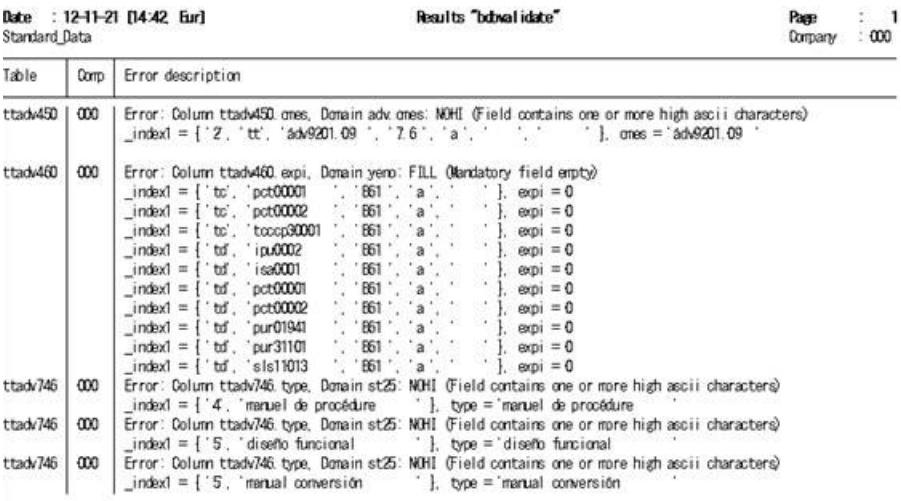
These messages can be present in the `${BSE}/log/log.pmc` file:

- `INFORMATION: Upgrade Run 1 for Package Combination b61au still needs to be initialized and run with Session ttspt2200m000.`
- `INFORMATION: Change your Package Combination to b61au before initial izing and running the Data Upgrade Run 1 with Session ttspt2200m000.`

To view the Data Upgrade Engine status, use the Data Upgrade Runs (ttspt2500m000) session. Never directly use the Initialize Data Upgrade Run (ttspt2200m000) session.

bdbvalidate error report

The bdbvalidate error report gives incorrect `Field contains one or more high ascii character` errors. This will be fixed in the next release. This diagram shows an example:



Date : 12-11-21 [14:42 Eur] Results "bdvalidate" Page : 1
Standard_Data Company : 000

Table	Comp	Error description
ttadv450	000	Error: Column ttadv450.cmes, Domain adv.cmes: NOHI (Field contains one or more high ascii characters) _index1 = ['2', 'tt', 'adv9201.09 ', '7.6', 'a', ' ', ' '], cmes = 'adv9201.09 '
ttadv460	000	Error: Column ttadv460.expi, Domain yeno: FILL (Mandatory field empty) _index1 = ['tc', 'pct00001 ', '861', 'a', ' '], expi = 0 _index1 = ['tc', 'pct00002 ', '861', 'a', ' '], expi = 0 _index1 = ['tc', 'tcccp30001 ', '861', 'a', ' '], expi = 0 _index1 = ['td', 'ipu0002 ', '861', 'a', ' '], expi = 0 _index1 = ['td', 'isa0001 ', '861', 'a', ' '], expi = 0 _index1 = ['td', 'pct00001 ', '861', 'a', ' '], expi = 0 _index1 = ['td', 'pct00002 ', '861', 'a', ' '], expi = 0 _index1 = ['td', 'pur01941 ', '861', 'a', ' '], expi = 0 _index1 = ['td', 'pur31101 ', '861', 'a', ' '], expi = 0 _index1 = ['td', 'sls11013 ', '861', 'a', ' '], expi = 0
ttadv746	000	Error: Column ttadv746.type, Domain st25: NOHI (Field contains one or more high ascii characters) _index1 = ['4', 'manuel de procédure '], type = 'manuel de procédure '
ttadv746	000	Error: Column ttadv746.type, Domain st25: NOHI (Field contains one or more high ascii characters) _index1 = ['5', 'diseño funcional '], type = 'diseño funcional '
ttadv746	000	Error: Column ttadv746.type, Domain st25: NOHI (Field contains one or more high ascii characters) _index1 = ['5', 'manual conversión '], type = 'manual conversión '

Error during Enterprise Server upgrade from before FP1

During the upgrade of the Enterprise Server components, Porting Set, and tools, the following error might occur, which you can ignore:

```
1 : process 1 - Error: Regular expression error nr 60 (Range error in
bracket (start>end)) in '^[a-zA-Z0-9_-.]* *$' (process.one.obsolete.so
lution() in object ottpmcdllscan
```

Connector for JDBC and ODBC

4

Supported platforms

The connector for JDBC is only supported for supported Operating Systems and Database combinations containing SQL Server, Oracle, and DB2. Combinations containing other databases are not supported because of limitations of the databases. With the release of Porting Set 8.4a, the Connector for JDBC and ODBC no longer requires an SLM license at the client side.

Office Integration

5

Office Integration 2.1.105 and later require, as a minimum, Infor Integration 6.1.2.

UUID Conversion Personalization

This appendix describes the migration of the session personalization conversion to be executed directly after the installation of FP8. This action is required only if your previous version is FP5 or earlier.

The procedure is applicable for Worktop and Web UI. This appendix is for system administrators.

Introduction

In FP5 and lower versions, field personalizations cannot be fully exchanged between Worktop and Web UI. This issue is caused by a different storage format of the personalizations between Worktop and Web UI. From FP6 the field personalizations are stored equally.

In FP5 and lower versions, the identification of a personalized field during the personalization process is based on the field name and the sequence number linked to this field. When the definition of the form is changed, the sequence of a field might be changed. When processing the personalization, the field can no longer be found and the personalization is lost. To solve these issues and make a field personalization identifiable, FP6 links a Universally Unique Identifier (UUID) to each form field.

From FP6, in combination with at least the 8.5.1 version of the Dynamic Form Editor (DFE), field personalizations will be stored with a UUID.

A conversion is required for the following:

- Dynamic form fields (ttadv308.zb_uuid)
- Field personalizations (ttadv900.zb_uuid)

The FP6 release has been delivered with all the converted forms. Based on the converted standard forms, customized forms must be converted too. In the Compare Package VRC's (ttadv6450m000) session, an **Ignore UUID of form field** option has been added to exclude form changes caused by the UUID conversion.

The next section describes the procedure for the customized forms to be executed. The procedure is applicable only for VRCs with customized components (sessions/forms).

Procedure

Note the following:

- Checked-out sessions are not processed, so ensure that no checked-out sessions are present on the environment to convert.
- After the conversion process, users must update the DFE to at least version 8.5.1. The latest version of DFE can be retrieved via solution 116206 on http://www.infor.com/inforxtreme.

Step 1: Generate UUID for dynamic form fields

1. Start the Generate Form Field UUID (ttcon9201m000) session. This session generates the UUID (ttadv308.zb_uuid) for each dynamic form field of an integrated session which is not expired.
2. Select the package and package VRC for which the UUID form field generation must be executed. An additional (from – to) selection on module and session code is possible.
3. Click **Convert** to start the process.

   The following actions are performed during this process:

   - If SCM is active, the session is checked out.
   - For each processed form field, a UUID (ttadv308.zb_uuid) is added in the following way:
     1. Session is not based on standard session (full customization): A new UUID is generated.
     2. Session is based on standard session (partly customization): Standard fields: Form field UUID is copied from the highest standard VRC; Custom fields: A new UUID is generated.

   Important: In case of multiple custom package VRCs, which are derived from the selected package VRC, all custom VRCs are processed.

   - If SCM is active, the session will be checked in. The text “UUID for form fields generated” will be added as revision text.
   - Converted form will be dumped/compiled.

Additional options:

- Simulation mode.
- During the process, an error log file will be created. Log file (path) can be selected (default: `$BSE/log.con9201`).

Step 2: Convert Personalizations

1. Start the Convert Personalizations (ttcon9200m000) session. This new session updates the UUID (ttadv900.zb_uuid) for each dynamic form field present as field personalization. This session can be executed multiple times; personalizations that are already updated will be skipped.
2. Select the package combination for which the UUID form field generation must be executed. An additional (from – to) selection on package, module, and session code is possible.
3. Click **Convert** to start the process.

   The UUID (ttadv900.zb_uuid) is filled for all personalized form fields.

   Important: The conversion program cannot update all the field personalizations. For example, fields which are present multiple times on a form, or personalized fields which are removed from the form, will not be converted. Non-converted personalizations will still be valid. The personalize process for these fields will be the same as before.

Additional options:

- Simulation mode.
- During the process, an error log file will be created. Log file (path) can be selected (default: `$BSE/log.conadv900`).