



Informatica® PowerExchange for SAP
NetWeaver
10.2.1

Transport Versions Installation Notice

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Table of Contents

- Chapter 1: PowerExchange for SAP NetWeaver Transport Versions
Installation Notice..... 4**
- Chapter 2: Upgrading Transports..... 5**
- Chapter 3: PowerCenter Transports..... 6**
 - Transports List based on SAP Functionality. 6
 - Security Features for ABAP Table Reader Transports 6
 - Transports Installation Order. 7
 - Transports for SAP Unicode Versions 5.0 and Later. 8
 - Transports for SAP non-Unicode Versions 5.0 and Later. 10
- Chapter 4: Informatica Developer Transports..... 12**
 - Transports for SAP Table Data Object. 12
 - Transports for Deprecated SAP Table Data Object. 14

CHAPTER 1

PowerExchange for SAP NetWeaver Transport Versions Installation Notice

When you upgrade or install PowerExchange for SAP NetWeaver, you must upgrade or install Informatica transports. For information about upgrading and installing transports, see the “Installing and Configuring PowerExchange for SAP NetWeaver” chapter in the Informatica PowerExchange for SAP NetWeaver user documentation.

Note: Version 10.2.1 is for Big Data products only. This version does not support PowerCenter functionality. However, the documentation might contain references to PowerCenter terminology.

CHAPTER 2

Upgrading Transports

Complete the following steps when you upgrade transports from a previous version:

1. Note the current configuration in the /INFATRAN/ZPRGSQ SAP ECC custom tables. For versions earlier than PowerCenter Connect for SAP ECC 8.1, note the configuration in the ZERPPRGSEQ table. Write down the prefix, namespace, and sequence number.
2. Delete the transports.
3. Install the latest transports.
4. Run /INFATRAN/YPMPRGSQ.
5. Run /INFATRAN/YPMPRGSQ again. When you run the program, set the initial sequence number to <last number before upgrade> + 1.

Note: PowerCenter version 9 and later transports are fully backward compatible with PowerCenter 8.0 and earlier, 7.0 and earlier, and 6.2.2 versions. However, note that effective in version 9.6.0, Informatica dropped support for deprecated BAPI mappings created in versions earlier than 8.5 and deprecated IDoc mappings created in versions earlier than 7.1. If you upgrade the deprecated mappings to version 9.6.0, the sessions will fail. The transports for the deprecated BAPI and IDoc mappings are not backward compatible.

CHAPTER 3

PowerCenter Transports

When you use PowerCenter to integrate with SAP, the transports that you need to install depend on the SAP functionality that you want to use. The transports also change depending on whether the SAP system is a Unicode system or a non-Unicode system.

Transports List based on SAP Functionality

Apart from few generic transports, the transports that you need to install depend on the SAP functionality that you want to use.

The generic transports that you need to install for all SAP functionality are as follows:

- ZINFABC_RUN
- TRANS_VER_RUN

The following table lists the transports that you need to install based on the SAP functionality that you want to use:

SAP Functionality	Design-time Transports	Run-time Transports
Table extraction by using ABAP	- TBL_DESIGN	- TBL_READ_RUN
Hierarchy extraction by using ABAP	- HIER_R3_DESIGN	- HIER_R3_RUN
Compressed data transfer by using ABAP	Not applicable	- TBL_READ_RUN_CMP
Business content integration	Not applicable	- BCI_RUN
Data integration by using BAPI/RFC functions	- BAPI_DESIGN	Not applicable
Data migration integration	- DMI_DESIGN	Not applicable
IDoc integration by using ALE	- IDOC_DESIGN	Not applicable

Security Features for ABAP Table Reader Transports

The following transports contain security features that enforce security authorizations when you use ABAP to read data from SAP:

- TBL run-time transport

- TBL design-time transport
- HIER_R3 run-time transport
- HIER_R3 design-time transport

When you perform data integration tasks with ABAP, the PowerCenter Integration Service verifies that the following conditions are met:

- The SAP user who generates and installs the ABAP program has the developer license.
- The user who generates and installs the ABAP program is authorized for the following function groups:
 - SKEY
 - STR9
- Users cannot generate and install ABAP programs from the Designer tool if the SAP client is locked down for changes.
- A new workbench request is created to track object changes in SAP when users install or delete ABAP programs.
- The ABAP program can be installed only on development systems and not on production systems.

Transports Installation Order

If you use multiple methods to integrate with SAP, install the transports on the SAP development system in the following order:

1. ZINFABC run-time transport.
2. TBL run-time transport.
3. HIER_R3 run-time transport, if you use the ABAP integration method to extract hierarchies from the SAP system.
4. TRANS_VER run-time transport.
5. BCI run-time transport.
6. TBL_READ_RUN_CMP transport, if you want to enable compressed data transfer while reading data from SAP through ABAP.

Note: Install the TBL_READ_RUN_CMP transport only for SAP ECC versions 5.0 or later.

7. TBL_DESIGN_PROGINFO design time transport.

Note: Install the TBL_DESIGN_PROGINFO transport only for Unicode SAP systems. This transport contains the package /INFATRAN/ZINFA_DESIGNPROGINFO and the table /INFATRAN/ZPRGIN. Ensure that when you upgrade from Informatica version 9.0.1 and later, you do not delete or override the package /INFATRAN/ZINFA_DESIGNPROGINFO. The table /INFATRAN/ZPRGIN holds the details of all the ABAP programs that are installed from PowerExchange for SAP.

8. TBL design-time transport.
9. Remaining design-time transports in any order, depending on the PowerExchange for SAP NetWeaver features that you want to use.

When you install the transports on the development system, the transport process creates the following packages for each group of transports:

- **ZINFABC_RUNTIME.** Contains the ZINFABC run-time transport.

- **/INFATRAN/ZINFA_RUNTIME.** Contains the remaining run-time transports that you install.
- **/INFATRAN/ZINFA_DESIGNPROGINFO.** Contains the design-time transports required for storing the installed ABAP program information.
- **/INFATRAN/ZINFA_DESIGNTIME.** Contains the design-time transports that you install.

After you install the transports on the development system, deploy the run-time packages to the test and production systems.

Note: Some SAP systems refer to “package” as “development class.”

Before performing the transport, complete the following tasks:

1. Examine the transports for the SAP version table that corresponds to your SAP version.
2. Delete the prefix for each data file and cofile. For example, remove ZINFABC_RUN_ from the ZINFABC_RUN_R900183.R46 cofile.
3. Change the permission of the cofiles from read-only to write.

Transports for SAP Unicode Versions 5.0 and Later

Informatica ships transports for SAP Unicode versions 5.0 and later in the following folders:

- **Unicode cofiles:** Informatica installer zip file/saptrans/mySAP/UC/cofiles
- **Unicode data files:** Informatica installer zip file/saptrans/mySAP/UC/data

If you want to install transports on SAP Unicode versions 5.0 and later, install the transports on the SAP development system in the same order as listed in the table.

Data and Cofile Names	Required/ Optional	Transport Request	Function Group	Functionality
<ul style="list-style-type: none"> - ZINFABC_RUN_R900245.U47 - ZINFABC_RUN_K900245.U47 	Required	- U47K900245	n/a	For SAP ECC and mySAP add-on components, including CRM, and SAP BI: Support for a namespace prefix in ABAP program names and for ABAP programs generated in a previous version.
<ul style="list-style-type: none"> - TBL_READ_RUN_R900370.DV2 - TBL_READ_RUN_K900370.DV2 	Required	- DV2K900370	ZPMD ZPMP	For SAP ECC and mySAP add-on components, including CRM, and SAP BI: Supports table extraction for data integration by using the ABAP program.
<ul style="list-style-type: none"> - TBL_WRITE_RUN_R900036.DV2 - TBL_WRITE_RUN_K900036.DV2 	Optional	- DV2K900036	ZPMW	For SAP ECC and SAP add-on components, including CRM and SAP BW: Supports table load for data integration.

Data and Cofile Names	Required/ Optional	Transport Request	Function Group	Functionality
<ul style="list-style-type: none"> - HIER_R3_RUN_R900236.DV2 - HIER_R3_RUN_K900236.DV2 	Optional	- DV2K900236	ZPMR	For SAP ECC only: Supports hierarchy extraction for data integration by using the ABAP program.
<ul style="list-style-type: none"> - TRANS_VER_RUN_R900367.DV2 - TRANS_VER_RUN_K900367.DV2 	Required	- DV2K900367	ZPMV	For SAP ECC and mySAP add-on components, including CRM, and SAP BI: Checks versions for PowerExchange objects.
<ul style="list-style-type: none"> - BCI_RUN_R900291.DV2 - BCI_RUN_K900291.DV2 	Optional	- DV2K900291	ZBCI	For SAP ECC and SAP BW: Supports business content integration.
<ul style="list-style-type: none"> - TBL_READ_RUN_CMP_R900468.EC5 - TBL_READ_RUN_CMP_K900468.EC5 	Optional	- EC5K900468	ZERP	For SAP ECC and mySAP add-on components, including CRM, and SAP BI: Enables compressed data transfer when you read data from SAP by using the ABAP program. Note: Install the TBL_READ_RUN_CMP transport only for SAP ECC versions 5.0 or later.
<ul style="list-style-type: none"> - TBL_DESIGN_PROGINFO_R900051.UC5 - TBL_DESIGN_PROGINFO_K900051.UC5 	Required	- UC5K900051	n/a	For SAP ECC and mySAP add-on components, including CRM, and SAP BI: Holds the information about the installed ABAP programs.
<ul style="list-style-type: none"> - TBL_DESIGN_R900289.DV2 - TBL_DESIGN_K900289.DV2 	Required	- DV2K900289	ZERP	For SAP ECC and mySAP add-on components, including CRM, and SAP BI: Supports table extraction for data integration by using the ABAP program.
<ul style="list-style-type: none"> - BAPI_DESIGN_R900246.U47 - BAPI_DESIGN_K900246.U47 	Optional	- U47K900246	ZPMF	For SAP ECC and mySAP add-on components, including CRM, and SAP BI: Supports data integration by using BAPI/RFC functions.
<ul style="list-style-type: none"> - DMI_DESIGN_R900237.U47 - DMI_DESIGN_K900237.U47 	Optional	- U47K900237	ZDMI	For SAP ECC only: Supports data migration integration.

Data and Cofile Names	Required/ Optional	Transport Request	Function Group	Functionality
- HIER_R3_DESIGN_R900264.DV2 - HIER_R3_DESIGN_K900264.DV2	Optional	- DV2K900264	ZPMH	For SAP ECC only: Supports hierarchy extraction for data integration by using the ABAP program.
- IDOC_DESIGN_R900239.U47 - IDOC_DESIGN_K900239.U47	Optional	- U47K900239	ZPMI	For SAP ECC and mySAP add-on components, including CRM, and SAP BI: Supports IDoc integration by using ALE.
- ISU_DESIGN_R900041.CCS - ISU_DESIGN_K900041.CCS	Optional	- CCSK900041	ZISU	For SAP IS-U migration.

Transports for SAP non-Unicode Versions 5.0 and Later

Informatica ships transports for SAP non-Unicode versions 5.0 and later in the following folders:

- **Non-Unicode cofiles:** Informatica installer zip file/saptrans/mySAP/NUC/cofiles
- **Non-Unicode data files:** Informatica installer zip file/saptrans/mySAP/NUC/data

If you want to install transports on SAP non-Unicode versions 5.0 and later, install the transports on the SAP development system in the same order as listed in the table.

Data and Cofile Names	Required/ Optional	Transport Request	Function Group	Functionality
- ZINFABC_RUN_R900183.R46 - ZINFABC_RUN_K900183.R46	Required	- R46K900183	n/a	For SAP ECC and mySAP add-on components, including CRM, and SAP BI: Support for a namespace prefix in ABAP program names and for ABAP programs generated in a previous version.
- TBL_READ_RUN_R900055.D47 - TBL_READ_RUN_K900055.D47	Required	- D47K900055	ZPMD ZPMP	For SAP ECC and mySAP add-on components, including CRM, and SAP BI: Supports table extraction for data integration by using the ABAP program.

Data and Cofile Names	Required/ Optional	Transport Request	Function Group	Functionality
<ul style="list-style-type: none"> - HIER_R3_RUN_R900307.R46 - HIER_R3_RUN_K900307.R46 	Optional	- R46K900307	ZPMR	For SAP ECC only: Supports hierarchy extraction for data integration by using the ABAP program.
<ul style="list-style-type: none"> - TRANS_VER_RUN_R900047.D47 - TRANS_VER_RUN_K900047.D47 	Required	- D47K900047	ZPMV	For SAP ECC and mySAP add-on components, including CRM, and SAP BI: Checks versions for PowerExchange objects.
<ul style="list-style-type: none"> - BCI_RUN_R900321.R46 - BCI_RUN_K900321.R46 	Optional	- R46K900321	ZBCI	For SAP ECC and SAP BW: Supports business content integration.
<ul style="list-style-type: none"> - TBL_READ_RUN_CMP_R904055.NE5 - TBL_READ_RUN_CMP_K904055.NE5 	Optional	- NE5K904055	ZERP	For SAP ECC and mySAP add-on components, including CRM, and SAP BI: Enables compressed data transfer when you read data from SAP by using the ABAP program. Note: Install the TBL_READ_RUN_CMP transport only for SAP ECC versions 5.0 or later.
<ul style="list-style-type: none"> - TBL_DESIGN_R900315.R46 - TBL_DESIGN_K900315.R46 	Required	- R46K900315	ZERP	For SAP ECC and mySAP add-on components, including CRM, and SAP BI: Supports table extraction for data integration by using the ABAP program.
<ul style="list-style-type: none"> - BAPI_DESIGN_R900173.R46 - BAPI_DESIGN_K900173.R46 	Optional	- R46K900173	ZPMF	For SAP ECC and mySAP add-on components, including CRM, and SAP BI: Supports data integration by using BAPI/RFC functions.
<ul style="list-style-type: none"> - DMI_DESIGN_R900178.R46 - DMI_DESIGN_K900178.R46 	Optional	- R46K900178	ZDMI	For SAP ECC only: Supports data migration integration.
<ul style="list-style-type: none"> - HIER_R3_DESIGN_R900034.D47 - HIER_R3_DESIGN_K900034.D47 	Optional	- D47K900034	ZPMH	For SAP ECC only: Supports hierarchy extraction for data integration by using the ABAP program.
<ul style="list-style-type: none"> - IDOC_DESIGN_R900175.R46 - IDOC_DESIGN_K900175.R46 	Optional	- R46K900175	ZPMI	For SAP ECC and mySAP add-on components, including CRM, and SAP BI: Supports IDoc integration by using ALE.

CHAPTER 4

Informatica Developer Transports

When you use Informatica Developer to read data from SAP tables, you must install transports. The transports that you need to install depend on the type of data object that you use.

Transports for SAP Table Data Object

If you use the SAP Table data object to read data from SAP tables, you do not need to install any design-time transport. You need to install only the run-time transports.

Transports for SAP Unicode Versions 5.0 and Later

Informatica ships transports for SAP Unicode versions 5.0 and later in the following folders:

- **Unicode cofiles:** Informatica installer zip file/saptrans/mySAP/UC/cofiles
- **Unicode data files:** Informatica installer zip file/saptrans/mySAP/UC/data

Informatica ships the TBL_READ_RUN_V2 transport in the following folder:

Informatica installer zip file/saptrans/mySAP/common

If you want to install transports on SAP Unicode versions 5.0 and later, install the transports on the SAP development system in the same order as listed in the table.

Data and Cofile Names	Required/ Optional	Transport Request	Function Group	Functionality
<ul style="list-style-type: none"> - TBL_READ_RUN_CMP_R900468.EC5 - TBL_READ_RUN_CMP_K900468.EC5 	Required	- EC5K900468	ZERP	<p>For SAP ECC and mySAP add-on components, including CRM, and SAP BI:</p> <p>Enables compressed data transfer when you read data from SAP.</p> <p>Note: Install the TBL_READ_RUN_CMP transport only for SAP ECC versions 5.0 or later. If you installed the transport for PowerCenter, you do not need to install it again for Informatica Developer.</p>
<ul style="list-style-type: none"> - TBL_READ_RUN_V2_R900051.DU5 - TBL_READ_RUN_V2_K900051.DU5 	Required	- DU5K900051	ZPMD ZPMP	<p>For SAP ECC and mySAP add-on components, including CRM, and SAP BI:</p> <p>Supports table extraction for data integration.</p>

Transports for SAP non-Unicode Versions 5.0 and Later

Informatica ships transports for SAP non-Unicode versions 5.0 and later in the following folders:

- **Non-Unicode cofiles:** Informatica installer zip file/saptrans/mySAP/NUC/cofiles
- **Non-Unicode data files:** Informatica installer zip file/saptrans/mySAP/NUC/data

Informatica ships the TBL_READ_RUN_V2 transport in the following folder:

Informatica installer zip file/saptrans/mySAP/common

If you want to install transports on SAP non-Unicode versions 5.0 and later, install the transports on the SAP development system in the same order as listed in the table.

Data and Cofile Names	Required/ Optional	Transport Request	Function Group	Functionality
<ul style="list-style-type: none"> - TBL_READ_RUN_CMP_R904055.NE5 - TBL_READ_RUN_CMP_K904055.NE5 	Required	- NE5K904055	ZERP	<p>For SAP ECC and mySAP add-on components, including CRM, and SAP BI:</p> <p>Enables compressed data transfer when you read data from SAP.</p> <p>Note: Install the TBL_READ_RUN_CMP transport only for SAP ECC versions 5.0 or later. If you installed the transport for PowerCenter, you do not need to install it again for Informatica Developer.</p>
<ul style="list-style-type: none"> - TBL_READ_RUN_V2_R900051.DU5 - TBL_READ_RUN_V2_K900051.DU5 	Required	- DU5K900051	ZPMD ZPMP	<p>For SAP ECC and mySAP add-on components, including CRM, and SAP BI:</p> <p>Supports table extraction for data integration.</p>

Transports for Deprecated SAP Table Data Object

If you use the deprecated SAP data object to read data from SAP, you must install the following run-time transports:

1. ZINFABC_RUN transport
2. TRANS_VER_RUN transport