



Informatica® PowerExchange for SAP
NetWeaver

10.5.4

Transport Versions Installation Notice

Informatica PowerExchange for SAP NetWeaver Transport Versions Installation Notice
10.5.4
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Preface

Use the *Informatica® PowerExchange® for SAP NetWeaver Transport Versions Installation Notice* to learn how and when to upgrade or install Informatica transports.

Informatica Resources

Informatica provides you with a range of product resources through the Informatica Network and other online portals. Use the resources to get the most from your Informatica products and solutions and to learn from other Informatica users and subject matter experts.

Informatica Network

The Informatica Network is the gateway to many resources, including the Informatica Knowledge Base and Informatica Global Customer Support. To enter the Informatica Network, visit <https://network.informatica.com>.

As an Informatica Network member, you have the following options:

- Search the Knowledge Base for product resources.
- View product availability information.
- Create and review your support cases.
- Find your local Informatica User Group Network and collaborate with your peers.

Informatica Knowledge Base

Use the Informatica Knowledge Base to find product resources such as how-to articles, best practices, video tutorials, and answers to frequently asked questions.

To search the Knowledge Base, visit <https://search.informatica.com>. If you have questions, comments, or ideas about the Knowledge Base, contact the Informatica Knowledge Base team at KB_Feedback@informatica.com.

Informatica Documentation

Use the Informatica Documentation Portal to explore an extensive library of documentation for current and recent product releases. To explore the Documentation Portal, visit <https://docs.informatica.com>.

If you have questions, comments, or ideas about the product documentation, contact the Informatica Documentation team at infa_documentation@informatica.com.

Informatica Product Availability Matrices

Product Availability Matrices (PAMs) indicate the versions of the operating systems, databases, and types of data sources and targets that a product release supports. You can browse the Informatica PAMs at <https://network.informatica.com/community/informatica-network/product-availability-matrices>.

Informatica Velocity

Informatica Velocity is a collection of tips and best practices developed by Informatica Professional Services and based on real-world experiences from hundreds of data management projects. Informatica Velocity represents the collective knowledge of Informatica consultants who work with organizations around the world to plan, develop, deploy, and maintain successful data management solutions.

You can find Informatica Velocity resources at <http://velocity.informatica.com>. If you have questions, comments, or ideas about Informatica Velocity, contact Informatica Professional Services at ips@informatica.com.

Informatica Marketplace

The Informatica Marketplace is a forum where you can find solutions that extend and enhance your Informatica implementations. Leverage any of the hundreds of solutions from Informatica developers and partners on the Marketplace to improve your productivity and speed up time to implementation on your projects. You can find the Informatica Marketplace at <https://marketplace.informatica.com>.

Informatica Global Customer Support

You can contact a Global Support Center by telephone or through the Informatica Network.

To find your local Informatica Global Customer Support telephone number, visit the Informatica website at the following link:

<https://www.informatica.com/services-and-training/customer-success-services/contact-us.html>.

To find online support resources on the Informatica Network, visit <https://network.informatica.com> and select the eSupport option.

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. The version of transports must be the same or later than the version of PowerExchange for SAP NetWeaver.

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.

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. Select **Overwrite Originals** to install the new transports.
3. Run /INFATRAN/YPMPRGSQ.
4. Run /INFATRAN/YPMPRGSQ again. When you run the program, set the initial sequence number to <last number before upgrade> + 1.

Note: 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, the sessions will fail.

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.

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
Table extraction by using PowerExchange for SAP Dynamic ABAP Table Extractor	TBL_READ_V2	TBL_READ_V2
CDS views extraction by using PowerExchange for SAP Dynamic ABAP Table Extractor	TBL_READ_V2_ADDON	TBL_READ_V2_ADDON

Security Features for ABAP through PowerExchange for SAP NetWeaver Transports

The following transports contain security features that enforce security authorizations when you use ABAP through RFC 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 through RFC, 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 for 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_READ_V2 transport, if you want to extract data from SAP tables by using PowerExchange for SAP Dynamic ABAP Table Extractor.
8. TBL_READ_V2_ADDON transport, if you want to extract data from CDS views by using PowerExchange for SAP Dynamic ABAP Table Extractor.

Note: Install the TBL_READ_V2_ADDON transports for SAP NetWeaver version 7.50 onwards.

9. 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.

10. TBL design-time transport.
11. 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/cofiles`
- **Unicode data files:** `Informatica installer zip file/saptrans/mySAP/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
- ZINFABC_RUN_R90024 5.U47 - ZINFABC_RUN_K9002 45.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.
- TBL_READ_RUN_R900 401.DV2 - TBL_READ_RUN_K900 401.DV2	Required	- DV2K900401	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.
- TBL_WRITE_RUN_R900 034.EP6 - TBL_WRITE_RUN_K900 034.EP6	Optional	- EP6K900034	ZPMW	For SAP ECC and SAP add-on components, including CRM and SAP BW: Supports table load for data integration.
- HIER_R3_RUN_R90023 6.DV2 - HIER_R3_RUN_K90023 6.DV2	Optional	- DV2K900236	ZPMR	For SAP ECC only: Supports hierarchy extraction for data integration by using the ABAP program.
- TRANS_VER_RUN_R90 0149.EP6 - TRANS_VER_RUN_K90 0149.EP6	Required	- EP6K900149	ZPMV	For SAP ECC and mySAP add-on components, including CRM, and SAP BI: Checks versions for PowerExchange objects.
- BCI_RUN_R900291.DV 2 - BCI_RUN_K900291.DV 2	Optional	- DV2K900291	ZBCI	For SAP ECC and SAP BW: Supports business content integration.

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 	Optional	- 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 by using the ABAP program.</p> <p>Note: Install the TBL_READ_RUN_CM P transport only for SAP ECC versions 5.0 or later.</p>
<ul style="list-style-type: none"> - TBL_READ_V2_R90002 6.EP6 - TBL_READ_V2_K90002 6.EP6 	Optional	- EP6K900026	ZTBLRDR	<p>For SAP ECC and mySAP add-on components, including CRM, and SAP BI: Supports table extraction and data integration.</p> <p>Before you install the TBL_READ_V2 transports, install the TBL_READ_RUN_CM P transports when you want to read data from SAP tables by using PowerExchange for SAP Dynamic ABAP Table Extractor.</p>
<ul style="list-style-type: none"> - TBL_READ_V2_ADDON_R900018.D75 - TBL_READ_V2_ADDON_K900018.D75 	Optional	- D75K900018	ZTBLRDR	<p>Install the TBL_READ_V2_ADDO N transports when you want to read data from ABAP CDS views.</p> <p>Before you install the TBL_READ_V2_ADDO N transports, install the TBL_READ_V2 transports.</p> <p>Note: Install the TBL_READ_V2_ADDO N transports for SAP NetWeaver 7.50 version onwards.</p>

Data and Cofile Names	Required/Optional	Transport Request	Function Group	Functionality
- TBL_DESIGN_PROGINF O_R900051.UC5 - TBL_DESIGN_PROGINF O_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.
- TBL_DESIGN_R900134 .EP6 - TBL_DESIGN_K900134 .EP6	Required	- EP6K900134	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.
- BAPI_DESIGN_R90012 9.EP6 - BAPI_DESIGN_K90012 9.EP6	Optional	- EP6K900129	ZPMF	For SAP ECC and mySAP add-on components, including CRM, and SAP BI: Supports data integration by using BAPI/RFC functions.
- DMI_DESIGN_R900237 .U47 - DMI_DESIGN_K900237 .U47	Optional	- U47K900237	ZDMI	For SAP ECC only: Supports data migration integration.
- HIER_R3_DESIGN_R90 0264.DV2 - HIER_R3_DESIGN_K90 0264.DV2	Optional	- DV2K900264	ZPMH	For SAP ECC only: Supports hierarchy extraction for data integration by using the ABAP program.
- IDOC_DESIGN_R90023 9.U47 - IDOC_DESIGN_K90023 9.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.

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/cofiles
- **Unicode data files:** Informatica installer zip file/saptrans/mySAP/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
- TBL_READ_R900098.EP6 - TBL_READ_K900098.EP6	Required	- EP6K900098	-	For /INFATRAN/ ZINFA_RUNTIME package creation. Note: This transport is included as part of the PowerCenter transports. You do not have to install this transport if you have already installed the PowerCenter transports.
- TBL_READ_RUN_CMP_R900468.EC5 - TBL_READ_RUN_CMP_K900468.EC5	Required	- 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. 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.
- TBL_READ_V2_R900026.EP6 - TBL_READ_V2_K900026.EP6	Required	- EP6K900026	ZTBLRDR	For SAP ECC and mySAP add- on components, including CRM, and SAP BI: Supports table extraction for data integration.
- TBL_READ_V2_ADDON_R900018.D75 - TBL_READ_V2_ADDON_K900018.D75	Optional	- D75K900018	ZTBLRDR	Install the TBL_READ_V2_ADDON transports when you want to read data from ABAP CDS views. Before you install the TBL_READ_V2_ADDON transports, install the TBL_READ_V2 transports. Note: Install the TBL_READ_V2_ADDON transports for SAP NetWeaver 7.50 version onwards.

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