

Appendix J: Informatica Installation Checklist

Installing Informatica PowerCenter.e					
Manual	Pg No	CD	Status	Sections and Sub-Sections	Comments regarding actual initial VDC Install
				<b>PowerCenter Client Pre-Installation</b>	
				Is operating system Windows 95/98 or NT 4.0 with service pack 3?	NPlus1 NT Box used
				32 MB RAM available?	
				40 MB Disk space available?	
				Does the windows temp variable point to a valid directory?	
				Does this login have administrator rights on the client?	Administrator / aaii0928 (login / password)
				Are 32 bit database client utilities installed for repository, all sources and targets?	SQL Plus
				Test that client can access Oracle via Net 8 and sql plus; Informix via ESQL/C and ISQL, DB2 via DB2 connect and Dbaccess.	Connection to VICDEV was tested with SQL Plus
				Is environment or regional setting (code page) compatible with server and repository?	Used iso-8859-1 Not Windows Latin due to Unix server
				Is TCP/IP protocol configured to communicate with the PowerCenter Server host?	Host file - has 4.20.14.135 SU35E5
				Check product availability matrix for client compatibility / support.	
				<b>PowerCenter Server Pre-Installation</b>	
				Is operating system Sun Solaris 2.6 or 2.7?	Sun Solaris 2.6
				Is sufficient memory available (2 gig RAM or more recommended)	4 Gig
				How much disk space is available? (5-10 gig recommended)	
				Are cd's available for any db's needed to connect to, including db drivers and query tools?	Oracle 8i Enterprise Edition (Release 8.1.5.0.0 for Sun SPARC Solaris 8)
				Is environment or regional setting (code page) compatible with server and repository?	Used ISO Not Windows Latin due to Unix server
				Can you access each database using the query tools?	Connection to VICDEV was tested with SQL Plus
				Are cd's the same version of drivers installed on client, and DBMS host server?	Oracle 8i Enterprise Edition (Release 8.1.5.0.0 for Sun SPARC Solaris 8)
				Check product availability matrix for server compatibility / support.	
				<b>PowerCenter Repository Pre-Installation</b>	
				Is a database instance established for the repository? (150 MB recommended - named - pmdev)?	VICDEV tablespace
				Is there a username and password (must be US-ASCII) created with all privileges for this repository - pmrepo/pmrepo suggested?	pmrepo / pmrepo (Schema and password)
				Check product availability matrix for repository compatibility / support.	
				<b>PowerCenter Source Database Pre-Installation</b>	
				Identify all databases and versions from source.	
				Is there a separate database to put "test" source data (100 MB recommended)?	powermart / powermart (schema and password)
				Is there a user name and password with select privileges to read source tables? What?	powermart / powermart (schema and password)
				Does user have privileges to execute stored procedures?	Yes
				Check product availability matrix for source compatibility / support.	
				<b>PowerCenter Target Database Pre-Installation</b>	
				Is there a target database to write data to (10 Gig recommended for test)?	same as source - powermart / powermart
				Identify all databases and versions from source.	Oracle 8i Enterprise Edition (Release 8.1.5.0.0 for Sun SPARC Solaris 8)
				Is there a user name and password with create table privileges? What?	same as source - powermart / powermart
				Check product availability matrix for target compatibility / support.	
				<b>PowerCenter Client</b>	
Installation & Configuration Guide				<i>Install Merant 3.5 32-bit ODBC closed drivers</i>	
	12			Run setup.exe from Informatica Installation CD.	
	12			After Welcome screen, click next.	

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	12			Select Install ODBC and click Next at Welcome to ODBC 3.5 Setup screen.	
	12			Select Typical, Compact, or Custom. (Custom gives option to select either: Program, Help Files, Miscellaneous, System Files)	Typical Install done at VDC.
	12			Click Finish when the installation completes.	
	12			Create an ODBC datasource for each database accessed by the client tools.	VICDEV used for Data Source name and Server name with Merant Oracle 8 Driver used
				<i>Install the Informatica Client Tools</i>	
	13			Close all open applications.	
	13			Run setup.exe from Informatica Installation CD and click Next at Welcome screen.	
	13			Select Install Client and click Next.	
				Select the directory where you want to install.	Default used
	13			Select Complete Installation.	
	13			When the installation completes, click Finish to exit to Windows. You can choose to restart the operating system.	
				<i>Connecting to Databases</i>	
				You need to connect each Informatica Client to each Oracle source, target, and repository database.	If Oracle client has not been installed prior to installation of Informatica, see the steps in the section of this checklist entitled "Installing the Oracle Client on the PowerCenter Server"
				<i>To connect to an Oracle database with Net8:</i>	
	15			Install the Net8 software.	
	15			Configure the Oracle client. You can use the Net8 Utility or copy an existing TNSNAMES.ORA and SQLNET.ORA file and modify it as needed with relevant database info. (TNSNAMES.ORA and SQLNET.ORA are stored in the <oracle_home>\NETWORK\ADMIN directory.)	
	16			Make sure the SID entered here matches the database server instance ID defined on the Oracle server.	SID = VICDEV
	16			Verify that the system path includes the Oracle bin directory. (For example, if you install Net8 on a Windows 95/98 system, your path might include the following entry: C:\ORAWIN95\BIN).	c:\orant\bin
				Create and ODBC connection for each Oracle database. Use the Merant 3.5 32 bit ODBC closed driver included in the installation CD. The Oracle server name must be the same in both the ODB Administrator and TNSNAMES.ORA (databasename.world format).	VICDEV used for Data Source name and Server name with Merant Oracle 8 Driver used
	16			Launch SQL*Plus and try to connect to the database.	connect pmrepo/pmrepo@vicdev
	16			Use the correct connect string (as defined in TNSNAMES.ORA) and username. Make sure SQL*Plus connects correctly before continuing.	VICDEV = (DESCRIPTION =(ADDRESS_LIST =(ADDRESS =(PROTOCOL = TCP)(HOST = 4.20.14.59)(PORT = 1521)))(CONNECT_DATA =(SID = VICDEV)
	74			<b>Create the repository</b>	
Administrator Guide	74			Launch the Repository Manager and choose repository - create repository.	
	74			Enter the repository name, database username, database, password, ODBC datasource, native connect string, & code page.	pmdev, pmrepo, vicdev, pmrepo, vicdev, vicdev, iso-8859-1
	75			Click OK.	
	75			The Repository Manager begins building the repository; you can see the progress in the output window.	
	75			PowerCenter will ask if you want to promote the repository to a global repository (cannot be undone). If unsure, click No (can promote to global later).	No was chosen.

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				<b>To create a database connection for each source and target database in the Informatica Server Manager.</b>	
Installation & Configuration Guide	39			In the Server Manager, connect to a repository.	
	39			Choose Server Configuration - Database Connections.	
	39			When Dialog Box appears, Click Add.	
	39			Enter the repository name, database username, database, password, ODBC datasource, native connect string, & code page.	pmdev, pmrepo, vicdev, pmrepo, vicdev, vicdev, iso-8859-1
	39			Click OK.	
	39			Repeat these steps to add more database connections.	
				<b>Installing and Configuring the Informatica UNIX Server</b>	
Installation & Configuration Guide	57			Log on to the UNIX machine.	pmrepo / powercenter
	57			On the Informatica CD, locate the directory specific to the product	(e.g. On Solaris, switch to unixserv/pc/Solaris directory)
	57			Run install.	type ./install
	57			Enter the directory where you want to install the Server, or press Enter to install in the default home directory.	Default was used
	57			Type Y to install the Informatica Server, C to change the directory, or Q to cancel the installation.	Was configured to access Informix and Oracle natively.
	57			When the installation completes, type Y to configure the Informatica Server, or N to configure it later.	
	58			Configure the Informatica using the pmconfig utility, which writes configuration options to the pmserver.cfg file.	Was configured to access Informix and Oracle natively.
				<i>Connecting to Databases</i>	
	62			You need to communicate the Informatica Server to communicate to each source, target, and repository database.	
	62			Install the native drivers on the machine hosting the Informatica server.	Use Oracle CD - install client tools from X Windows terminal
	62			Set the database environment variable to the database installation directory.	In Unix run the root.sh script (from Oracle CD) Oracle will prompt for this
	62			Set the shared library environment variable.	LD_LIBRARY_PATH=/usr/ucblib
				Verify the system path includes the database installation directory.	PATH=\$PATH:\$ORACLE_HOME/bin:/usr/local/bin:/usr/ucb:/usr/ucblib; export PATH
				Test connectivity through the native tool, such as SQL plus.	
	65			<i>Using Net8</i>	
	65			Install the Net software	Make sure this is the same version of Net8 on the machine hosting the Oracle database and the Informatica Server. (Used Oracle 8i Enterprise Edition -Release 8.1.5.0.0 for Sun SPARC Solaris 8)
	65			Set the Oracle_Home environment variable to the Oracle 8 installation directory.	ORACLE_HOME=\$ORACLE_BASE/product/8.1.5; export ORACLE_HOME
	65			Set the shared library environment variable.	The shared library path must include the database library path as well as the PowerCenter path. Used (PATH=\$PATH:\$ORACLE_HOME/bin:/usr/local/bin:/usr/ucb:/usr/ucblib; export PATH LD_LIBRARY_PATH=/usr/ucblib)
	66			<i>Set the TNS_ADMIN environment variable to the path for TNSNAMES.</i>	Not needed for VDC install.
	66			Ensure the system path includes an entry for Oracle.	
				Configure the Oracle client. Use SQL*NET Easy Configuration utility or copy tnsnames.ora as needed.	copied tnsnames.ora file from NT Plus1 client to Solaris Su5e35

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				Launch SQL Plus and try to connect to the database.	type; sqlplus connect pmrepo/pmrepo@vicdev;
<b>Register the Informatica Server</b>					
Installation & Configuration Guide	108			In the Server Manager, connect to the repository	
	109			Choose Server Configuration - Register Server	
	109			Set the network protocol (TCP/IP or IPX/SPX) and enter the appropriate setting for that protocol.	TCP/IP chosen - make sure hosts file includes: 4.20.14.135 SU35E5 4.20.14.59 VICDEV
	109			Click OK.	
<b>Installing the Oracle Client on the PowerCenter server</b>					
				<i>Create user with same privileges as "dba" user group</i>	
				Create opt/oracle directory with 400 MB of space	
				Oracle should default install to opt/oracle/product/8.1.5. directory	
				Install from X-window terminal, due to java-based install that cannot be read by Solaris monitor. (You will receive a "Display Not Set" message if you try to install from Solaris monitor.	
				Need to run root.sh script after client install is successful (install program will prompt you to run this script, which sets the environment variable on the server).	