Data Archive Pre-Installation Checklists
Abstract
This article provides checklists that you can use to verify you are ready for the Data Archive installation.

Supported Versions

- Data Archive 6.2 HotFix 1

Table of Contents

Pre-Installation Overview .................................................... 3
Archive to a Database Checklists ........................................... 3
  Data Archive Installer Prerequisites .................................. 3
  ILM Repository Requirements Checklist ............................... 4
  ILM Engine Requirements ................................................ 5
  Client Machine Requirements .......................................... 6
  ILM Discovery Option .................................................... 7
Archive or Retire to Data Vault Checklists .............................. 7
  Data Archive Installer Prerequisites .................................. 7
  ILM Repository Requirements Checklist ............................... 8
  ILM Engine Requirements ................................................ 9
  Data Vault Requirements ................................................ 10
  Client Machine Requirements .......................................... 13
  Data Validation Option .................................................. 14
  ILM Discovery Option .................................................... 14
Smart Partitioning Source Data Checklists .............................. 14
  Data Archive Installer Prerequisites .................................. 15
  ILM Repository Requirements for Smart Partitioning ............... 16
  ILM Engine Requirements for Smart Partitioning .................. 16
  Source Requirements for Smart Partitioning ........................ 17
  Client Machine Requirements .......................................... 17
Data Archive Options Installation Checklist ........................... 18
  SAP Retirement Installation Checklist ............................... 18
  Data Archive for SAP Installation Checklist ......................... 19
Data Archive Architecture Recommendations .......................... 20
  Component Diagram for Data Vault .................................... 20
  ILM Engine and Informatica Data Vault ............................... 20
  Data Vault Architecture with Data Validation Option ............... 21
  Data Vault Architecture with the Federation and Visualization Option ............ 21
  Data Vault Architecture with the Discovery Option .................. 22
  Data Vault Architecture for Scaling Agents on Multiple Nodes .................... 23
  Data Vault Configuration for High Availability ...................... 23
Pre-Installation Overview

Before you install Data Archive, verify that machines that host Data Archive meet the system and disk space requirements necessary to support Data Archive.

The system and disk space requirements depend on how you will use Data Archive and how much data you plan to archive.

Use the checklists in this appendix to identify the prerequisites for the Data Archive installation. The checklists are organized by the following business needs:

- Archive to a database
- Retire or archive to the Data Vault
- Smart Partitioning

This article also includes the recommended Data Archive architecture options to help you determine the appropriate architecture for your data center.

For more information about product requirements and supported platforms, see the Product Availability Matrix on Informatica Network:


Archive to a Database Checklists

If you plan to archive data to a database, you must install the ILM repository and the ILM Engine. Optionally, you can configure seamless access.

Use the checklists to verify the pre-installation requirements for the following Data Archive components:

- Data Archive installer
- ILM repository
- ILM Engine
- Data Archive user interface

Data Archive Installer Prerequisites

Before you run the Data Archive installer, perform the following tasks:

- Get the standard license key.
- Get an application license key based on your enterprise application.
- If you plan to install Data Archive in graphical mode on UNIX, install and configure an X Windows System.
- Get source information required by the installer to create a connection to the source application.

Information Required for Connecting to the Source Application

To create a connection to the source application, you must enter information about the source application and the data store it uses.
The following table provides space to enter information about the data store for the source application:

<table>
<thead>
<tr>
<th>Data Store for Source Application</th>
<th>Enter Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Server Platform</td>
<td></td>
</tr>
<tr>
<td>Operating System Release Level</td>
<td></td>
</tr>
<tr>
<td>Security Software (i.e. RACF)</td>
<td></td>
</tr>
<tr>
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<td></td>
</tr>
<tr>
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<td></td>
</tr>
<tr>
<td>DBMS Version</td>
<td></td>
</tr>
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<th>Source Application Details</th>
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<tbody>
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<td>Vendor</td>
<td></td>
</tr>
<tr>
<td>Release/Version</td>
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<td>Platform</td>
<td></td>
</tr>
<tr>
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<td></td>
</tr>
</tbody>
</table>

**ILM Repository Requirements Checklist**

Verify that the database meets the requirements for the ILM repository.

**Database management system**

Verify that the machine that will host the ILM repository has one of the following database management systems:

- [ ] Oracle 11g
- [ ] IBM DB2 9.5
- [ ] IBM DB2 9.7
- [ ] IBM DB2 9.8
- [ ] IBM DB2 10.1
- [ ] Microsoft SQL Server 2008
- [ ] Microsoft SQL Server 2012

**ILM repository database user and tablespaces**

You can create the ILM repository before you install or you can let the installer create it.

**Note:** If the database management system is IBM DB2, you must create the ILM repository before you install.
If you create the ILM repository before you install Data Archive, perform the following tasks:

- Create the ILM repository database user.
- Create the following ILM repository tablespaces:
  - AM_DATA tablespace with a minimum of 3 GB space
  - AM_INDEX tablespace with a minimum of 3 GB space
  - Rollback tablespace with a minimum of 1 GB space
  - Temporary tablespace with a minimum of 2 GB space
- Set the ILM tablespaces page size and buffer pool page size to at least 32 KB.
- Grant the ILM repository database user access to the ILM repository schema, tablespaces, and catalog tables.
- Grant the ILM repository database user database privileges.

**Security**

- Get the SYSTEM password. Optional if your database administrator can enter the password.
- If the database management system is Microsoft SQL Server, assign the SYSADMIN role to the administrator.

**ILM Engine Requirements**

Verify that the machine allocated to host the ILM Engine meets the system and software requirements.

**Server Configuration**

Verify that the machine has the following configuration:

- At minimum, a dual core processor.
- A minimum of 4 GB of RAM.
- A minimum of 2 GB heap space memory.
- The server port number is unique and higher than 1024.

**Operating system**

The operating system on the machine that hosts the ILM Engine depends on the database management system of the ILM repository.

If the ILM repository is on an Oracle or an IBM DB2 database, verify that the machine has one of the following operating systems:

- 64-bit AIX 7.1
- 64-bit AIX 6.1 TL3
- 64-bit HP-UX 11.31 (11i v3) with a Itanium chip set
- 32-bit Red Hat Linux 5, 6.1, 6.2 and higher with a x86 chip set
- 64-bit Red Hat Linux 5, 6.1, 6.2 and higher with a x64 or IBM zSeries chip set
- 32-bit SUSE Linux ES10 or ES11 with a x86 chip set
64-bit SUSE Linux ES10 or ES11 with a x64 or IBM zSeries chip set
64-bit Solaris 10 with SPARC chip set
32-bit Windows 2008 with a x86 chip set
64-bit Windows 2008 with a x64 chip set
64-bit Windows 2008 R2 with a x64 chip set
64-bit Windows 2012 with a x64 chip set

If the ILM repository is on a Microsoft SQL Server database, verify that the machine has one of the following operating systems:

32-bit Windows 2008 with a x86 chip set
64-bit Windows 2008 with a x64 chip set
64-bit Windows 2008 R2 with a x64 chip set
64-bit Windows 2012 with a x64 chip set

Java

Install the Java Runtime Environment (JRE) SE 7.0 (1.7).
To download JRE, go to http://www.oracle.com/technetwork/java/javase/downloads/jre7-downloads-1880261.html.

Font

Install the Arial Unicode Microsoft font.
Data Archive requires this font to generate reports and support non-Roman alphabets. The file name of the font is ArialUni.ttf.

Security

Verify that the user that runs the Data Archive installer has read and write privileges to the installation directory.

Client Machine Requirements

Verify that the machines from which users access Data Archive meet the requirements.

Operating System

Verify that the client machine has one of the following 32-bit Windows operating systems:

Windows 7
Vista Business or Enterprise SP1
XP Pro SP2
Windows 2008
Windows 2003
Browser

Verify that the client machine has one of the following browsers:

- Internet Explorer 8.0 or 9.0
- Google Chrome 30.x

Verify that the browser has the following settings:

- Javascript enabled
- Popup windows allowed

Java

- Install Java Development Kit (JDK) J2SE 7.0 (1.7).

Other

- Verify that the client machine is connected to the network.

**ILM Discovery Option**

If you have the ILM Discovery option, you can run profiles and discover table relationships for source data or data you archived to the Data Vault. Install or upgrade to Informatica 9.6.0.

For information about prerequisites and installation, see the *Informatica Data Quality 9.6.0 Installation and Configuration Guide*.

**Archive or Retire to Data Vault Checklists**

If you plan to archive or retire data to the Data Vault, you must install the ILM repository, the ILM Engine, and the Data Vault components. Additionally, you can install Data Visualization Designer to create reports based on archived data.

Use the checklists to verify the pre-installation requirements for the following Data Archive components:

- Data Archive installer
- ILM repository
- ILM Engine
- Data Vault
- Data Archive user interface

**Data Archive Installer Prerequisites**

Before you run the Data Archive installer, perform the following tasks:

- Get the standard license key.
- Get the advanced license key if you require Data Visualization.
- Get an application license key based on your enterprise application.
- If you plan to install Data Archive in graphical mode on UNIX, install and configure an X Windows System.
- Get source information required by the installer to create a connection to the source application.
Information Required for Connecting to the Source Application

To create a connection to the source application, you must enter information about the source application and the data store it uses.

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ILM Repository Requirements Checklist

Verify that the database meets the requirements for the ILM repository.

Database management system

Verify that the machine that will host the ILM repository has one of the following database management systems:

- Oracle 11g
- IBM DB2 9.5
- IBM DB2 9.7
- IBM DB2 9.8
- IBM DB2 10.1
- Microsoft SQL Server 2008
- Microsoft SQL Server 2012

ILM repository database user and tablespaces

You can create the ILM repository before you install or you can let the installer create it.
**Note:** If the database management system is IBM DB2, you must create the ILM repository before you install.

If you create the ILM repository before you install Data Archive, perform the following tasks:

- Create the ILM repository database user.
- Create the following ILM repository tablespaces:
  - AM_DATA tablespace with a minimum of 3 GB space
  - AM_INDEX tablespace with a minimum of 3 GB space
  - Rollback tablespace with a minimum of 1 GB space
  - Temporary tablespace with a minimum of 2 GB space
- Set the ILM tablespaces page size and buffer pool page size to at least 32 KB.
- Set the temporary tablespace page size and buffer pool page size to at least 32 KB.
- Grant the ILM repository database user access to the ILM repository schema, tablespaces, and catalog tables.
- Grant the ILM repository database user database privileges.

**Security**

- Get the SYSTEM password. Optional if your database administrator can enter the password.
- If the database management system is Microsoft SQL Server, assign the SYSADMIN role to the administrator.

**ILM Engine Requirements**

Verify that the machine allocated to host the ILM Engine meets the system and software requirements.

**Server configuration**

Verify that the machine has the following configuration:

- At minimum, a dual core processor.
- A minimum of 4 GB of RAM.
  
  **Note:** If you install Data Vault Service on the same machine that hosts the ILM Engine, then the machine must have a minimum of 12 GB of RAM.
- A minimum of 2 GB heap space memory.
- The server port number is unique and higher than 1024.
- The staging folder size is equal to 50% the size of the data that you plan to archive in a single job.

**Operating system**

The operating system on the machine that hosts the ILM Engine depends on the database management system of the ILM repository.

If the ILM repository is on an Oracle or an IBM DB2 database, verify that the machine has one of the following operating systems:

- 64-bit AIX 7.1
- 64-bit AIX 6.1 TL3
- 64-bit HP-UX 11.31 (11i v3) with a Itanium chip set
- 32-bit Red Hat Linux 5, 6.1, 6.2 and above with a x86 chip set
- 64-bit Red Hat Linux 5, 6.1, 6.2 and above with a x64 or IBM zSeries chip set
- 32-bit SUSE Linux ES10 or ES11 with a x86 chip set
- 64-bit SUSE Linux ES10 or ES11 with a x64 or IBM zSeries chip set
- 64-bit Solaris 10 with SPARC chip set
- 32-bit Windows 2008 with a x86 chip set
- 64-bit Windows 2008 with a x64 chip set
- 64-bit Windows 2008 R2 with a x64 chip set
- 64-bit Windows 2012 with a x64 chip set

If the ILM repository is on a Microsoft SQL Server database, verify that the machine has one of the following operating systems:

- 32-bit Windows 2008 with a x86 chip set
- 64-bit Windows 2008 with a x64 chip set
- 64-bit Windows 2008 R2 with a x64 chip set
- 64-bit Windows 2012 with a x64 chip set

Java

Install the following Java version:

- If you plan to install Data Visualization, install the 64-bit Java Development Kit (JDK) J2SE 7.0 (1.7).
- If you do not plan to install Data Visualization, install the 64-bit Java Runtime Environment (JRE) SE 7.0 (1.7).


Font

- Install the Arial Unicode Microsoft font.
  Data Archive requires this font to generate reports and support non-Roman alphabets. The file name of the font is ARIALUNI.TTF.

Security

- Verify that the user that runs the Data Archive installer has read and write privileges to the installation directory.

Data Vault Requirements

When you install Data Vault, you install the following components:

Data Vault Service

Includes the Data Vault Agent and the Data Vault ODBC driver. You can install the Data Vault Service on the same machine as the ILM Engine.
Data Vault Data Archive Plug-in

You must install the Data Vault Data Archive plug-in on the same machine as the ILM Engine.

Data Vault Administration Tool and SQL Tool

You must install the Data Vault Administration Tool and SQL Tool on a machine with a Windows operating system.

Verify that the machine allocated to host the Data Vault Service meets the system and software requirements.

Server configuration

Verify that the machine has the following configuration:

- A 64-bit server.
- At minimum, four core processors.
- A minimum of 8 GB of RAM.
- A minimum of 20 GB of local storage.
- The staging folder size is equal to 50% of the size of data that you plan to archive in a single job.
- The final storage space is equal to 10%-15% of the table data that you plan to archive.

**Note:** If you install Data Vault Service on the same machine that hosts the ILM Engine, then the machine must have a minimum of 12 GB of RAM.

For guidelines about server sizes for live archive, see "Server Guidelines for Archive to Data Vault" on page 12.

For guidelines about server sizes for application retirement, see "Server Guidelines for Retire to Data Vault" on page 13.

Operating system

If you plan to archive or retire data to NAS, use one of the following operating systems:

- 64-bit AIX 7.1
- 64-bit AIX 6.1 TL3
- 64-bit HP-UX 11.31 (11i v3) with a Itanium chip set
- 64-bit Red Hat Linux 5, 6.1, 6.2 and later with a x64 chip set
- 64-bit SUSE Linux ES10 or ES11 with a x64 chip set
- 64-bit Solaris 10 with SPARC chip set
- 64-bit Windows 2008, 2008 R2, or 2012 with a x64 chip set

**Note:** If you plan to archive or retire data to a target other than NAS, see the product matrix availability for the supported operating systems at [https://kb.informatica.com](https://kb.informatica.com).
System-specific notes

The following limitations and recommendations apply to the Solaris 10 Update 6 with the SPARC chip set system:

- Data Vault does not support multiple service-manager environments.
- Because the Data Vault import and query architecture is CPU-intensive, do not run the system on architectures with Chip Multi-Threaded (CMT) processors such as the UltraSPARC T1 and T2.

The following limitations apply to the AIX 7.1 system:

- Informatica supports the IBM JFS and JFS2 file systems.
- Informatica supports the Big-Endian mode of the processor.

The following limitations apply to the Windows 2008 or 2012 with the AMD Opteron chip set system:

- Informatica supports the NTFS file system.
- Data Vault does not support multiple service-manager environments on Windows 2008 Server.
- If you install Data Vault on Windows, you must install Microsoft Visual C++ Redistributable Package (x64) Service Pack 1.


Java

Install the 64-bit version of Java Development Kit (JDK) J2SE 7.0 (1.7).

To download JDK, go to [http://www.oracle.com/technetwork/java/javase/downloads/jre7-downloads-1880261.html](http://www.oracle.com/technetwork/java/javase/downloads/jre7-downloads-1880261.html)

Server Guidelines for Archive to Data Vault

The size of the server that hosts Data Vault depends on the number and size of applications you plan to archive to Data Vault. Server size also depends on the amount of data you plan to archive at a time on a regular basis.

The following table lists server size and processor guidelines for the machine that hosts Data Vault:

<table>
<thead>
<tr>
<th>Number of Applications</th>
<th>Average Database Size of an Application</th>
<th>Percentage of Data for Archive</th>
<th>Growth Rate of Data</th>
<th>Recommended Processor</th>
<th>Recommended RAM</th>
<th>Recommended Server Storage</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>2 TB</td>
<td>30%</td>
<td>30%</td>
<td>12 cores</td>
<td>32 GB</td>
<td>0.24 TB</td>
</tr>
<tr>
<td>3</td>
<td>1.5 TB</td>
<td>30%</td>
<td>30%</td>
<td>18 cores</td>
<td>64 GB</td>
<td>1.62 TB</td>
</tr>
<tr>
<td>20</td>
<td>2 TB</td>
<td>50%</td>
<td>30%</td>
<td>24 cores</td>
<td>96 GB</td>
<td>14.48 TB</td>
</tr>
</tbody>
</table>

Note: If you plan to archive data from more than 20 applications, contact Informatica Global Customer Support for server guidelines.
Server Guidelines for Retire to Data Vault

The size of the server that hosts Data Vault depends on the number and size of applications you plan to retire to Data Vault.

The following table lists server size and processor guidelines for the machine that hosts Data Vault:

<table>
<thead>
<tr>
<th>Number of Applications</th>
<th>Average Database Size of an Application</th>
<th>Recommended Processor</th>
<th>Recommended RAM</th>
<th>Recommended Server Storage</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>200 to 500 GB</td>
<td>10 cores</td>
<td>32 GB</td>
<td>0.4 TB</td>
</tr>
<tr>
<td>20</td>
<td>200 to 500 GB</td>
<td>12 cores</td>
<td>32 GB</td>
<td>2 TB</td>
</tr>
<tr>
<td>40</td>
<td>200 to 500 GB</td>
<td>20 cores</td>
<td>64 GB</td>
<td>8 TB</td>
</tr>
</tbody>
</table>

**Note:** If you plan to retire more than 40 applications, contact Informatica Global Customer Support for server guidelines.

Client Machine Requirements

Verify that the machines from which users access Data Archive meet the requirements.

Operating System

- Verify that the client machine has one of the following 32-bit Windows operating systems:
  - Windows 7
  - Vista Business or Enterprise SP1
  - XP Pro SP2
  - Windows 2008
  - Windows 2003

Browser

- Verify that the client machine has one of the following browsers:
  - Internet Explorer 8.0 or 9.0
  - Google Chrome 30.x

- Verify that the browser has the following settings:
  - Javascript enabled
  - Popup windows allowed

Java

- Install Java Development Kit (JDK) J2SE 7.0 (1.7).

Other

- Verify that the client machine is connected to the network.
Data Validation Option

If you choose to install Data Validation Option, use this checklist to verify the prerequisites to install Data Validation Option.

Server Configuration

Verify that the machine on which you install Data Validation Option has the following configuration:

- A minimum of 1 GB of RAM.
- A minimum of 256 MB disk space.

Permissions

You must have permissions on the Data Validation Option Client machine to perform the following tasks:

- Create and modify environment variables on the Data Validation Option Client machine.
- Read from and write to the Data Validation Option installation directory and subdirectories.

PowerCenter Requirements

- PowerCenter must be installed on the same network as the Data Validation Option client machine.
- The PowerCenter version must be at least 8.6.1 HotFix 10.
- Install a later version of PowerCenter if you implement the following Data Validation Option features.
  - Informatica authentication. Requires PowerCenter 9.1.0 HotFix 3 or later.
  - SAP R/3 data source. Requires PowerCenter 9.1.0 or later.
  - SAS data source. Requires PowerCenter 9.1.0 or later.

Preinstallation Tasks

- Replace the existing IBM DB2 driver with the IBM DB2 10.1 driver if you want to create the Data Validation Option repository on IBM DB2 10.1.
- Create the Data Validation Option repository database.
- Verify the code page compatibility.
- Install the PowerCenter Client.
- Gather the PowerCenter information required for Data Validation Option installation.
- Configure the associated PowerCenter user.
- Optionally, prepare to run DVOCmd on a UNIX machine.

ILM Discovery Option

If you have the ILM Discovery option, you can run profiles and discover table relationships for source data or data you archived to the Data Vault. Install or upgrade to Informatica 9.6.0.

For information about prerequisites and installation, see the Informatica Data Quality 9.6.0 Installation and Configuration Guide.

Smart Partitioning Source Data Checklists

If you plan to partition data on the source database, you must install the ILM repository and the ILM Engine.
Use the checklists in this section to verify the system and disk space requirements for the following Data Archive components:

- Data Archive installer
- ILM repository
- ILM Engine
- Data Archive user interface

### Data Archive Installer Prerequisites

Before you run the Data Archive installer, perform the following tasks:

- Get the standard license key.
- Get an application license key based on your enterprise application.
- If you plan to install Data Archive in graphical mode on UNIX, install and configure an X Windows System.
- Get source information required by the installer to create a connection to the source application.

### Information Required for Connecting to the Source Application

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**ILM Repository Requirements for Smart Partitioning**

Verify that the database meets the requirements for the ILM repository.

**Database management system**

Verify that the machine that will host the ILM repository has the following database management system:

- Oracle 11g

**ILM repository database user and tablespaces**

You can create the ILM repository before you install or you can let the installer create it.

If you create the ILM repository before you install Data Archive, complete the following tasks:

- Create the ILM repository database user.
- Create the following ILM repository tablespaces:
  - AM_DATA tablespace with a minimum of 3 GB space
  - AM_INDEX tablespace with a minimum of 3 GB space
  - Rollback tablespace with a minimum of 1 GB space
  - Temporary tablespace with a minimum of 2 GB space
- Set the ILM tablespaces page size and buffer pool page size to at least 32 KB.
- Set the temporary tablespace page size and buffer pool page size to at least 32 KB.
- Grant the ILM repository database user access to the ILM repository schema, tablespaces, and catalog tables.
- Grant the ILM repository database user database privileges.

**Security**

- Get the SYSTEM password. Optional if your database administrator can enter the password.

**ILM Engine Requirements for Smart Partitioning**

Verify that the machine allocated to host the ILM Engine meets the system and software requirements.

**Server Configuration**

Verify that the machine has the following configuration:

- At minimum, a dual core processor.
- A minimum of 4 GB of RAM.
- A minimum of 2 GB heap space memory.
- The server port number is unique and higher than 1024.
- The staging space is equal to 50% the size of the data that you plan to archive in a single job.

**Operating System**

Verify that the machine has one of the following operating systems:

- 64-bit AIX 7.1
- 32-bit Redhat Linux 5, 6.1, 6.2 and above with an x86 a chip set
64-bit Redhat Linux 5, 6.1, 6.2 and above with an x64 or IBM zSeries chip set
64-bit Solaris 10 with a SPARC chip set
32-bit Windows 2008 with an x86 chip set
64-bit Windows 2008 with an x64 chip set
64-bit Windows 2008 R2 with an x64 chip set
64-bit Windows 2012 with an x64 chip set

Java
- Install the Java Development Kit (JDK) J2SE 7.0 (1.7).

Font
- Install the Arial Unicode Microsoft font.
  Data Archive requires this font to generate reports and support non-Roman alphabets. The file name of the font is ARIALUNI.TTF.

Security
- Verify that the user that runs the Data Archive installer has read and write privileges to the installation directory.

Source Requirements for Smart Partitioning
Use the following list to verify the database requirements for the source you want to partition.

Database Management System
- Oracle 11g

Operating System
One of the following operating systems:
- 64-bit AIX 7.1
- 32-bit Redhat Linux 5, 6.1, 6.2 and above with an x86 chip set
- 64-bit Redhat Linux 5, 6.1, 6.2 and above with an x64 or IBM zSeries chip set
- 64-bit Solaris 10 with a SPARC chip set
- 32-bit Windows 2008 with an x86 chip set
- 64-bit Windows 2008 with an x64 chip set
- 64-bit Windows 2008 R2 with a x64 chip set
- 64-bit Windows 2012 with a x64 chip set

Client Machine Requirements
Verify that the machines from which users access Data Archive meet the requirements.
Operating System
Verify that the client machine has one of the following 32-bit Windows operating systems:
- Windows 7
- Vista Business or Enterprise SP1
- XP Pro SP2
- Windows 2008
- Windows 2003

Browser
Verify that the client machine has one of the following browsers:
- Internet Explorer 8.0 or 9.0
- Google Chrome 30.x
Verify that the browser has the following settings:
- Javascript enabled
- Popup windows allowed

Java
Install Java Development Kit (JDK) J2SE 7.0 (1.7).
To download JDK, go to http://www.oracle.com/technetwork/java/javase/downloads/jre7-downloads-1880261.html.

Other
Verify that the client machine is connected to the network.

Data Archive Options Installation Checklist
If you plan to archive SAP data or retire the SAP application, complete the following tasks after you install Data Archive.

SAP Retirement Installation Checklist
- Install the SAP Java Connector.
  - Download the SAP Java Connector 3.0.12 or later from the SAP Marketplace: http://service.sap.com/connectors
  - Choose the installation file based on the operating system of the server that hosts the ILM Engine. For example, the SAP system is on Windows and Data Archive is on Linux. Choose the Linux version.
  - Install the SAP Java Connector on the same machine that hosts the ILM Engine.
- Install the SAP transports to the SAP application that you want to retire.
  - Access the SAP transports in the following Data Archive directory:
    <Data Archive Installation>\optional\SAP_retirement_transports.zip
- Get the following SAP user credentials:
  - User ID
• Password
• Client
• Language

☐ Assign the user that runs the retirement job to the ZINFA_RETIREMENT_PREPARATION role.
  • The user must be able to access the RFC connection.
  • The SAP transport includes the ZINFA_RETIREMENT_PREPARATION role.

☐ Set the value of the SAP retirement properties in the conf.properties file.
  • Set the values of the informia.bcp.columnSeparator and informia.bcp.rowSeparator properties to unique values that are not in the SAP table data. For example, use the values ^# or @#.#.

Data Archive for SAP Installation Checklist

☐ Verify that the machine you install Data Archive on has a Windows operating system.

☐ Install Symantec Enterprise Vault.
  Follow the Symantec installation process.

☐ Allocate 2 GB of local storage to install Data Vault.

☐ Stage the SAP archive files (ADK) and attachments.

☐ Allocate staging space equal to the size of all files that you plan to concurrently send to Symantec Enterprise Vault. For example, 1 GB of staging space will allow 1 GB of data to transfer to the Enterprise Vault.

☐ Install the following DLLs shipped with Symantec Enterprise Vault.
  • EVContentManagementAPI.dll
Data Archive Architecture Recommendations

Refer to the recommendations in this section to determine the best architecture for your data center.

Component Diagram for Data Vault

The following image shows the major components of Data Archive. Each component has its specific installation requirements.

ILM Engine and Informatica Data Vault

The following image shows the recommended architecture for the ILM Engine and Data Vault:
Data Vault Architecture with Data Validation Option

The following image shows the recommended architecture for Data Vault with the data validation option:

Data Vault Architecture with the Federation and Visualization Option

The following image shows the recommended architecture for Data Vault with the federation and data visualization options:
Data Vault Architecture with the Discovery Option

The following image shows the recommended architecture for Data Vault with the discovery option:
Data Vault Architecture for Scaling Agents on Multiple Nodes

The following image shows the recommended architecture for Data Vault if you scale Data Vault query agents on multiple nodes:

Data Vault Configuration for High Availability

The following image shows the recommended architecture for Data Vault high availability:
**Active-Passive Data Vault Server with Active-Active Data Vault Query**

The following image shows the recommended architecture for Data Vault with an active-passive server and active-active query:

![Active-Passive Data Vault Server Diagram](image)

**Data Archive Repositories**

The following image shows the Data Archive repositories on a server:

![Data Archive Repositories Diagram](image)
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