DXC.technology RISKMASTER Accelerator

Data Analytics 4.2 Technical Specifications

General Overview

This document describes the hardware and software requirements for the Data Analytics Server.

Additional guidelines are available on the Data Analytics Pre-Installation Checklist. Before DXC can install Data Analytics you must return a completed Data Analytics Pre-Installation Checklist to your Project Manager indicating whether you have satisfied all the prerequisites for a successful installation.

(You can download the checklist from www.riskmaster.com. Select Data Analytics and navigate to the Data Analytics 4.2 Documents section.)

Data Analytics and Business Analytics/IPS Compatibility

	BI/IPS 4.1 SP2	BI/IPS 4.1 SP3	BI/IPS 4.1 SP4	BI/IPS 4.1 SP5	BI/IPS 4.1 SP6	BI/IPS 4.1 SP7	BI/IPS 4.2 SP2	BI/IPS 4.2 SP6
DS 4.2 SP1	Supported	Supported	Not Supported	Not Supported	Not Supported	Not Supported	Not Supported	Not Supported
DS 4.2 SP2	Supported	Supported	Not Supported	Not Supported	Not Supported	Not Supported	Not Supported	Not Supported
DS 4.2 SP3	Deprecated	Supported	Supported	Not Supported	Not Supported	Not Supported	Not Supported	Not Supported
DS 4.2 SP4	Deprecated	Not Recommended	Supported	Supported	Not Supported	Not Supported	Not Supported	Not Supported
DS 4.2 SP5	Deprecated	Deprecated	Deprecated	Supported	Supported	Not available	Not Supported	Not Supported
DS 4.2 SP6	Deprecated	Deprecated	Deprecated	Not Recommended	Supported	Supported	Not Supported	Not Supported
DS 4.2 SP6 Patch 3	Deprecated	Deprecated	Deprecated	Not Recommended	Supported	Supported	Supported	Not Supported
DS 4.2 SP7	Deprecated	Deprecated	Deprecated	Deprecated	Not Recommended	Supported	Supported	Not Supported
DS 4.2 SP12	Not Supported	Not Supported	Not Supported	Not Supported	Not Supported	Not Supported	Not Supported	Supported

Data Analytics Server Products and Operating System Requirements

	Required
Data Services Job Server	Windows Server 2008 SP2 x64, Windows Server 2008 R2 SP1 x64, Windows Server 2012 x64, Windows Server 2012 R2 x64
Data Services Access Server	Windows Server 2008 SP2 x64, Windows Server 2008 R2 SP1 x64, Windows Server 2012 x64, Windows Server 2012 R2 x64
Data Services Management Console	Windows Server 2008 SP2 x64, Windows Server 2008 R2 SP1 x64, Windows Server 2012 x64, Windows Server 2012 R2 x64
EIM Adaptive Processing Server (APS) Services	Windows Server 2008 SP2 x64, Windows Server 2008 R2 SP1 x64, Windows Server 2012 x64, Windows Server 2012 R2 x64

Data Analytics Client Products and Operating System Requirements

	Required
Data Services Designer 64-bit	Windows Server 2008 SP2, Windows Server 2008 R2 SP1, Windows Server 2012, Windows Server 2012 R2, Windows 7 SP1, Windows 8, Windows 8.1
Data Services Workbench	Windows Server 2008 SP2, Windows Server 2008 R2 SP1, Windows Server 2012, Windows Server 2012 R2, Windows 7 SP1, Windows 8, Windows 8.1

Data Analytics Browser Support by Operating System

Web Browser	**Plug-In**	**OS**
IE 9.0	Macromedia Flash Player 9.0 or above supported for Internet Explorer	Windows
IE 10.0	Macromedia Flash Player 9.0 or above supported for Internet Explorer	Windows
IE 11.0	Macromedia Flash Player 13.0 or above supported	Windows

	for Internet Explorer	

Data Analytics Java Application Server Support by Operating System

Application Server	Version	Java Version	OS
Tomcat	6.0.20	Java 6	Windows Sun JDK
		Java 7	
	7.0	Java 6	
		Java 7	
	8.0	Java 7	
		Java 8	
WebLogic	10.3.5	Java 6	Windows Sun JDK
		JRockit 6.0	
	10.3.6	Java 6	
		JRockit 6.0	
		Java 7	
	11	Java 6	
		JRockit 6.0	
		Java 7	

Data Analytics DBMS Repository Support by Operating System

DBMS	Version	ODBC Client	JDBC Client	OS
MS SQL Server	2008 R2	MS SQL Server Native Client 10	sqljdbc.jar(10.1.2)	Windows
	2008 SP2	MS SQL Server Native Client 10		
	2012	MS SQL Server Native Client 11		
	2012 SP2	MS SQL Server Native Client 11		
	2014	MS SQL Server Native Client 11		
Oracle	11gR1	Oracle Net Client 11gR1	ojdbc6.jar	Windows
	11gR2	Oracle Net Client 11gR2		

12cR1	Oracle Net Client 12cR1		

Data Analytics Server Hardware Requirements and Recommendations

Requirements to Install IPS and Data Services in one system:

	Required	**Recommended**
System	4 Processors or 2 dual core Processors with minimum of 2GHz	4 Processors or 2 dual core Processors with minimum of 3 GHz
Memory	16GB RAM or greater	20GB RAM or greater
Hard Disk	20GB for default installation with English language only installed 23GB for default installation with all languages	30GB or greater
Operating System	Windows Server 2008 SP2 x64, Windows Server 2008 R2 SP1 x64, Windows Server 2012	Windows Server 2008 R2 SP1 x64, Windows Server 2012

Important Notes about the Data Analytics Server

1. The Data Analytics application server name cannot include an underscore ("_"), period ("."), backslash ("\"), or forward slash ("/"). If your server name includes any of these, you must rename the server and remove the underscore prior to Data Analytics installation.
2. DXC strongly recommends that the Data Analytics application be hosted on a dedicated server - meaning that only the Business Intelligence reporting software or SAP Information Platform Services and Data Services is installed on that server. This machine cannot be used to host a database system. This machine CANNOT be used to host the RISKMASTER Accelerator application.
3. Data Analytics database server names, userids and passwords cannot include the pipe ("|") character. If your server name\userid\password includes a pipe character, you must change the server name\userid\password and remove the pipe prior to Data Analytics installation.

If your environment cannot accommodate the DXC recommended setup, a preliminary technical call with DXC will be necessary to determine if we can provide a custom install to meet your needs. Contact your Project Manager to arrange this call.

Custom deployments may require consulting services in order to determine appropriate hardware and software requirements. Contact your Project Manager to request a technical planning session.