

AquaLogic Pathways 1.0 Installation and Configuration Worksheets

This document contains worksheets for installing and configuring AquaLogic Pathways 1.0. Print this document and use it to gather the host computer, portal, database, and additional information that you need to install and configure the Pathways application, Rank Engine, Search Service, and Security and Directory Service.

Use the Installation Worksheet to gather values for settings that you configure when running the Pathways installer.

Use the Configuration Worksheet to gather values for settings that you configure when running AquaLogic Configuration Manager.

Note: In the tables below, default values that are italicized represent variables that you need to replace in Configuration Manager with the actual values that you are using in your environment.

This applies to all italicized default values except *install_dir*, which is automatically populated by Configuration Manager.

Installation Worksheet

Use this worksheet to gather values for settings that you configure when running the Pathways installation wizard.

Table 1 Installation Worksheet

Installation Setting	Description and Notes	Default Value	Your Value
License Directory	Specify the path to the location where you want to store the evaluation version of the license.bea file. This location must be in BEA_HOME.	<ul style="list-style-type: none"> C:\bea (Windows) /opt/bea (UNIX/Linux) 	
Configuration Manager - Port	<p>The port number on which you want Configuration Manager to service Pathways requests.</p> <p>After running the installer, you will be able to access Configuration Manager by using the following URL: https://localhost:port_number/cm/login.jsf</p>	12345	
Configuration Manager - Password	The Administrator password that you will use to log in to Configuration Manager.		
Install Folder	In the <i>Installation Guide for BEA AquaLogic Pathways</i> , the Pathways install folder is referred to as <i>install_dir</i> .	<ul style="list-style-type: none"> C:\bea\alui (Windows) /opt/bea/alui (UNIX) 	
Path to Image Service Files	Install Image Service files on the computer on which the Image Service is installed. The path should lead to the directory where the Image Service is installed.	<ul style="list-style-type: none"> <i>install_dir</i>\ptimages (Windows) <i>install_dir</i>/ptimages (UNIX/Linux) 	

Table 1 Installation Worksheet

Installation Setting	Description and Notes	Default Value	Your Value
Path to Portal Files	Install portal files on the portal server. The path should lead to the directory where the portal is installed.	<ul style="list-style-type: none"> • <i>install_dir</i>\ptportal\6.1 (Windows) • <i>install_dir</i>/ptportal/6.1 (UNIX/Linux) 	
Path to Analytics Files	Install Analytics files on the computer on which Analytics 2.1 is installed. The path should lead to the directory where Analytics 2.1 is installed.	<ul style="list-style-type: none"> • <i>install_dir</i>\ptanalytics\2.1 (Windows) • <i>install_dir</i>/ptanalytics/2.1 (UNIX/Linux) 	

Configuration Worksheet

Use this worksheet to gather values for settings that you configure when running AquaLogic Configuration Manager. The settings in this worksheet are listed in the same order as they appear in Configuration Manager. If a setting is required and either has no prepopulated default value or has a default value that you are likely to need to change, the *Must Configure* column will contain an **X**.

The Search Service, Pathways Database, Portal Database, and Logging components only appear once in this worksheet, even though they appear many times in Configuration Manager. After you click **Save**, information that you enter for shared components is automatically applied to all products that use that shared component.

Note: You may have already configured the Security and Directory Service when you configured AquaLogic Interaction. When this is the case, you still need to enter

information for this component into Configuration Manager to configure Pathways and the Rank Engine.

Table 2 Configuration Worksheet

Must Configure	Setting	Description and Notes	Default Value	Your Value
PATHWAYS RANK ENGINE				
	• Rank Engine Database	These settings enable communication between the Rank Engine and the Rank Engine database.		
X	– Vendor		mssql	
X	– Host	The name of the computer that hosts the database.	hostname	
X	– User Name	The name of the database user.	rankenginedbuser	
X	– Password	The password for the database user.		
	– Port	The port number on which the database services requests.	1433	
X	– SID	The SID for the Oracle database. Note: Oracle only.	PLUM10	
X	– Database Name	The name of the database. Note: MSSQL only.	rankenginedb	
	– License file	The path to the ADO .NET license file. Note: ADO .NET only		
	• Search Service	These settings enable communication with the BEA ALI Search service.		

Table 2 Configuration Worksheet

Must Configure	Setting	Description and Notes	Default Value	Your Value
X	– URL	Fully-qualified domain name of the computer on which the BEA ALI Search Service is installed.	<i>tcp://machine_name:port_number</i>	
	– Timeout (milliseconds)	The number of milliseconds that the Rank Engine waits before the search request is terminated.	120000	
	• Logging	These settings enable communication with Logging Utilities.		
	– Server	The application name that will uniquely identify log messages sent from this application. ALI Logging Utilities will use this string to determine the location from which log messages originate. The application name can be any string that meets the following restrictions: it must not be empty, it must not exceed 128 in length, and it may only contain non-white-space visible ASCII characters and the space character. Most ALI products follow the naming convention [product-name].[machine-name].[user-name].	<i>rankengine.hostname.username</i>	
	• Application Settings	These settings control the Rank Engine application.		
	– Rank Engine working directory	The full path to the working directory used by the Rank Engine.	<i>install_dir/rankengine/work</i>	
X	– Rank Engine Port	The port number on which the Rank Engine application services requests.	15350	

Table 2 Configuration Worksheet

Must Configure	Setting	Description and Notes	Default Value	Your Value
	<ul style="list-style-type: none"> Portal Database 	These settings enable communication between the Rank Engine and the portal database.		
X	– Vendor		mssql	
X	– Host	The name of the computer that hosts the database.	<i>hostname</i>	
X	– User Name	The name of the database user.	alidbuser	
X	– Password	The password for the database user.		
X	– Port	The port number on which the database services requests.	1433	
X	– SID	The SID for the Oracle database. Note: Oracle only.	PLUM10	
X	– Database Name	The name of the database. Note: MSSQL only.	alidb	
	<ul style="list-style-type: none"> Collaboration Database 	These settings enable communication between the Rank Engine and the Collaboration database.		
X	– Vendor		mssql	
X	– Host	The name of the computer that hosts the database.	<i>hostname</i>	
X	– User Name	The name of the database user.	collabdbuser	
X	– Password	The password for the database user.		
X	– Port	The port number on which the database services requests.	1433	

Table 2 Configuration Worksheet

Must Configure	Setting	Description and Notes	Default Value	Your Value
X	– SID	The SID for the Oracle database Note: Oracle only.	PLUM10	
	– License File	The path to the ADO .NET license file. Note: ADO .NET only	<i>license_file_directory</i>	
	• Pathways Database	These settings enable communication with the Pathways database.		
X	– Vendor		mssql	
X	– Host	The name of the computer that hosts the database.	<i>hostname</i>	
X	– User Name	The name of the database user.	pathwaysdbuser	
X	– Password	The password for the database user.		
X	– Port	The port number on which the database services requests.	1433	
X	– SID	The SID for the Oracle database Note: Oracle only.	PLUM10	
X	– Database Name	The name of the database.	pathwaysdb	
	– License File	The path to the ADO .NET license file. Note: ADO .NET only	<i>license_file_directory</i>	
	• Analytics Database	These settings enable communication between the Rank Engine and the Analytics database.		

Table 2 Configuration Worksheet

Must Configure	Setting	Description and Notes	Default Value	Your Value
X	– Vendor		mssql	
X	– Host	The name of the computer that hosts the database.	<i>hostname</i>	
X	– User Name	The name of the database user.	analyticsdbuser	
X	– Password	The password for the database user.		
X	– Port	The port number on which the database services requests.	1433	
X	– SID	The SID for the Oracle database Note: Oracle only.	PLUM10	
X	– Database Name	The name of the database.	analyticsdb	
	– License File	The path to the ADO .NET license file. Note: ADO .NET only	<i>license_file_directory</i>	
PATHWAYS				
	<ul style="list-style-type: none"> • Security and Directory Service 			
X	– URL	The fully-qualified domain name of the computer on which the Security and Directory Service is installed.	http://localhost:3030/securityservice/services/v1/SecurityAPI	
X	– User name	The user name of an administrative user for AquaLogic Interaction.		
X	– Password	The password for the administrative user.		

Table 2 Configuration Worksheet

Must Configure	Setting	Description and Notes	Default Value	Your Value
	<ul style="list-style-type: none"> Web Authentication 	These settings configure basic authentication information for the Pathways web server.		
X	– User name	HTTP Basic Authentication user name. Along with the password below, this is used by Pathways to securely identify requests as originating from the portal. This does not need to be the user name of a portal user. These credentials must match the credentials defined in the Administrator's Basic Authentication Information section of the Pathways Remote Server object's properties in the portal.		
X	– Password	Along with the user name above, this is used by Pathways to securely identify requests as originating from the portal. This does not need to be the user name of a portal user. These credentials must match the credentials defined in the Administrator's Basic Authentication Information section of the Pathways Remote Server object's properties in the portal.		
	<ul style="list-style-type: none"> Rank Engine 	These settings enable communication between Pathways and the Rank Engine.		
X	– Host	The fully-qualified domain name of the computer on which the Rank Engine is installed. Do not include http:// in the prefix.	localhost	

Table 2 Configuration Worksheet

Must Configure	Setting	Description and Notes	Default Value	Your Value
X	– Port	The port number on which the Rank Engine services requests.	15350	
	• Analytics	These settings control the configuration of Analytics with the Pathways application.		
X	– Server	The fully-qualified domain name of the computer on which the BEA AL Analytics and BEA AL Analytics Collector services are installed.	localhost	
	– Port	The port used by the BEA AL Analytics Collector service.	31314	
	• Content Sources	These settings enable communication between the Pathways application and portal content sources.		
	– Web Content Source ID	The Object ID of the Portal Web Content Source.	104	
X	– Portal Upload Content Source ID	The object ID of the Portal Upload Content Source.	0	
X	– Portal Upload Service URL	The server URL for the Portal Upload Service	<i>upload_URL</i>	
	• Application Settings	These settings control the Pathways user interface.		
	– HTTP Port	Specify the port on which the application should listen for HTTP requests.	11960	
	– HTTPS Port	Specify the port on which the application should listen for HTTPS requests.	11961	

Table 2 Configuration Worksheet

Must Configure	Setting	Description and Notes	Default Value	Your Value
	– AJP/1.3 Port	Specify the port number on which the application should listen for AJP/1.3 requests.	3002	
	SEARCH SERVICE	These settings control the ALI Search API and its communication with the BEA ALI Search service.		
	– Search Languages Directory	The full path to the directory containing stemming files for all languages.	<i>install_dir</i> /common/inxight/3.7.6/lang	
	– Search API Client Executable	The full path to the doc2text executable.	<i>install_dir</i> /searchservice/1.0/bin/native/doc2text.exe	
	– Search Timeout	Timeout (in seconds) to wait for a docset to become searchable. This will apply to every index(add/delete/update) request. Set the search timeout to zero to obtain the full benefits of non-synchronous indexing.	0	
	– Tokens Used for Lexicographic Sorting	Number of tokens of a sortable field to use in lexicographic sorting. Currently used by the Knowledge Directory's browse UI, Snapshot Queries, and Search Results page (to order results by an object property).	10	
	• Application Settings	These settings enable communication with the BEA ALI Search service.		

Table 2 Configuration Worksheet

Must Configure	Setting	Description and Notes	Default Value	Your Value
	– Thread Pool Size	The number of threads to use for the communication and processing of requests between the BEA ALI Search service and client applications.	50	
	– Memory Report Interval (seconds)	Reporting time interval for reports of JVM memory usage (seconds). If the interval is 0 or less, no memory reporting is reported.	1800	
	• Search Server	These settings enable communication with the search server.		
X	– Search Host	The fully qualified domain name of the computer on which ALI Search is installed.	localhost	
X	– Search Port	The port number on which ALI Search listens for requests.	15250	
	SECURITY AND DIRECTORY SERVICE	Setting for configuring expiration settings for the Security and Directory Service's security token.		
	• Token Settings			
	– Token Expiration Time	The token expiration time, in minutes. Enter -1 for no expiration.	10080	
	• Portal Settings	Connection data for the Security and Directory Service.		
	– Portal Version	The major version of the portal that you are running. Valid values are 5 and 6.	6	

Table 2 Configuration Worksheet

Must Configure	Setting	Description and Notes	Default Value	Your Value
	<ul style="list-style-type: none"> Application Settings 	Application Server settings for Ensemble Security and Directory Service.		
X	– HTTP Port	Specify the port on which the application should listen for HTTP requests.	20040	
	– HTTPS Port	Specify the port on which the application should listen for HTTPS requests.	20041	
	– AJP/1.3 Port	Specify the port number on which the application should listen for AJP/1.3 requests.	3002	

