

# Installation and Configuration Worksheet for AquaLogic Pathways 1.5

This document contains worksheets for installing and configuring BEA AquaLogic Pathways 1.5. 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 and Search 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"> <li>C:\bea (Windows)</li> <li>/opt/bea (UNIX/Linux)</li> </ul>	
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"> <li>C:\bea\alui (Windows)</li> <li>/opt/bea/alui (UNIX)</li> </ul>	
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:  <a href="https://localhost:port_number">https://localhost:port_number</a></p>	12345	
Configuration Manager - Password	The Administrator password that you will use to log in to Configuration Manager.		
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"> <li><i>install_dir</i>\ptimages (Windows)</li> <li><i>install_dir</i>/ptimages (UNIX/Linux)</li> </ul>	

**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"> <li><i>install_dir</i>\ptportal\6.5 (Windows)</li> <li><i>install_dir</i>/ptportal/6.5 (UNIX/Linux)</li> </ul>	
Path to Analytics Files	Install Analytics files on the computer on which Analytics 2.5 is installed. The path should lead to the directory where Analytics 2.5 is installed.	<ul style="list-style-type: none"> <li><i>install_dir</i>\ptanalytics\2.5 (Windows)</li> <li><i>install_dir</i>/ptanalytics/2.5 (UNIX/Linux)</li> </ul>	

## 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.

The Search Service, Pathways Database, and Portal Database 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.

**Table 2 Configuration Worksheet**

Setting	Description and Notes	Default Value	Your Value
<b>PATHWAYS</b>			
<ul style="list-style-type: none"> <li><b>Directory</b></li> </ul>			
– Authentication provider		ALI	
– Host		localhost	
– Port		389	
– Principal		uid=administrator,ou=users,dc=bea,dc=com	

**Table 2 Configuration Worksheet**

Setting	Description and Notes	Default Value	Your Value
– Base DN	<b>Note:</b> LDAP and AD only	dc=bea,dc=com	
– User base DN	<b>Note:</b> LDAP and AD only	ou=users,dc=bea,dc=com	
– User object class	<b>Note:</b> LDAP and AD only	portalUserClass	
– User filter	<b>Note:</b> LDAP and AD only	objectclass=portalUserClass	
– User authentication name	<b>Note:</b> LDAP and AD only	uniqueIdentifier	
– User unique name	<b>Note:</b> LDAP and AD only	uuid	
– User name	<b>Note:</b> LDAP and AD only	uuid	
– User description	<b>Note:</b> LDAP and AD only	description	
– Group base DN	<b>Note:</b> LDAP and AD only	ou=groups,dc=bea,dc=com	
– Group object class	<b>Note:</b> LDAP and AD only	portalGroupClass	
– Group filter	<b>Note:</b> LDAP and AD only	objectclass=portalGroupClass	
– Group unique name	<b>Note:</b> LDAP and AD only	uuid	
– Group name	<b>Note:</b> LDAP and AD only	cn	
– Group description	<b>Note:</b> LDAP and AD only	description	
– Group membership	<b>Note:</b> LDAP and AD only	uniquemember	

**Table 2 Configuration Worksheet**

Setting	Description and Notes	Default Value	Your Value
– <b>ALUI Security Database</b>			
– Vendor	The vendor used for the database.	mssql	
– Host	The name of the computer that hosts the database.	localhost	
– User Name	The name of the database user.	securitydbuser	
– Password	The password for the database user.		
– Port	The port number on which the database services requests.	1433	
– SID	The SID for the Oracle database <b>Note:</b> Oracle only.	PLUM	
– Database Name	The name of the database. <b>Note:</b> MSSQL only.	securitydb	
• <b>ALUI Security Identity Services</b>			
– Key service file path		install_dir\settings\keystore\saml2keystore.jks	
– Key service passphrase		saml2keystore	
– Key service default alias		SAML2Keystore	
• <b>ALUI Security Login Tokens</b>			

**Table 2 Configuration Worksheet**

Setting	Description and Notes	Default Value	Your Value
– Token expiration time in minutes	The token expiration time, in minutes.	5	
– Message authentication code seed value	String value used to create MAC signatures used to authenticate Login Tokens. This should match the MAC seed for any external systems expected to consume the tokens created by ALUI Security, or to create tokens to be consumed by ALUI Security. For portal tokens, this value should match the ?login token root key? in PTSERVERCONFIG.		
– Default token type	String value that indicates the type of Login Token used by default by ALUI Security. Only use ALUI if your directory is pointed at ALI Directory.	ALUI	
<b>• Activity Service</b>			
– Host	The fully-qualified domain name of the computer on which the AquaLogic Activity Service is installed.	localhost	
– Port	The port used by the AquaLogic Activity Service.	21030	
– Timeout (milliseconds)	The number of milliseconds that clients wait before the Activity Service request is terminated.	10000	
<b>• Administrative Credentials</b>			
– User Name		administrator	

**Table 2 Configuration Worksheet**

Setting	Description and Notes	Default Value	Your Value
• <b>Analytics</b>	These settings control the configuration of Analytics with the Pathways application.		
– Server	The fully-qualified domain name of the computer on which the BEA AL Analytics Collector service is installed.	localhost	
– Port	The port used by the BEA AL Analytics Collector service.	31314	
• <b>Application Settings</b>	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	
• <b>Common Notification Service</b>	These settings enable communication with the BEA ALI Common Notification service.		
– URL	Fully-qualified domain name, port, and protocol of the URL to connect to the AquaLogic Notification Service.	tcp://localhost:65156	
– Timeout (milliseconds)	The number of milliseconds that clients wait before the notification request is terminated.	120000	
• <b>Content Sources</b>	These settings enable communication between the Pathways application and portal content sources.		

**Table 2 Configuration Worksheet**

Setting	Description and Notes	Default Value	Your Value
– Web Content Source ID	The Object ID of the Portal Web Content Source.	104	
– Portal Upload Content Source ID	The object ID of the Portal Upload Content Source.	0	
– Portal Upload Service URL	The server URL for the Portal Upload Service	<i>[upload url of portal content upload goes here.]</i>	
• <b>Logging</b>	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].	pathways.machine_name. Administrator	
• <b>Pathways Database</b>	These settings enable communication with the Pathways database.		
– Vendor		mssql	
– Host	The name of the computer that hosts the database.	localhost	



**Table 2 Configuration Worksheet**

Setting	Description and Notes	Default Value	Your Value
– User Name	The name of the database user.	pathwaysdbuser	
– Password	The password for the database user.		
– Port	The port number on which the database services requests.	1433	
– SID	The SID for the Oracle database <b>Note:</b> Oracle only.	<i>[db oracle sid]</i>	
– Database Name	The name of the database. <b>Note:</b> MSSQL only.	pathwaysdb	
– License File	The path to the ADO .NET license file. <b>Note:</b> ADO .NET only	<i>[license file directory goes here]</i>	
• <b>Portal Database</b>	These settings enable communication between the Rank Engine and the portal database.		
– Vendor	The name of the database vendor.	mssql	
– Host	The name of the computer that hosts the database.	localhost	
– User Name	The name of the database user.	alidbuser	
– Password	The password for the database user.		
– Port	The port number on which the database services requests.	1433	
– SID	The SID for the Oracle database. <b>Note:</b> Oracle only.	PLUM10	

**Table 2 Configuration Worksheet**

Setting	Description and Notes	Default Value	Your Value
– Database Name	The name of the database. <b>Note:</b> MSSQL only.	alidb	
• <b>Rank Engine</b>	These settings enable communication between Pathways and the Rank Engine.		
– Host	The fully-qualified domain name of the computer on which the Rank Engine is installed. Do not include http:// in the prefix.	localhost	
– Port	The port number on which the Rank Engine services requests.	15350	
• <b>Search Service</b>	These settings enable communication with the BEA ALI Search service.		
– URL	Fully-qualified domain name of the computer on which the BEA ALI Search Service is installed.	tcp://localhost:15275	
– Timeout (milliseconds)	The number of milliseconds that the Rank Engine waits before the search request is terminated.	120000	
• <b>Web Authentication</b>	These settings configure basic authentication information for the Pathways web server.		

**Table 2 Configuration Worksheet**

Setting	Description and Notes	Default Value	Your Value
– 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.	pathways-admin	
– 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.		
<b>PATHWAYS RANK ENGINE</b>			
• <b>Analytics Database</b>	These settings enable communication between the Rank Engine and the Analytics database.		
– Vendor	The name of the database vendor.	mssql	
– Host	The name of the computer that hosts the database.	localhost	
– User Name	The name of the database user.	analyticsdbuser	

**Table 2 Configuration Worksheet**

Setting	Description and Notes	Default Value	Your Value
– Password	The password for the database user.		
– Port	The port number on which the database services requests.	1433	
– SID	The SID for the Oracle database <b>Note:</b> Oracle only.	PLUM10	
– Database Name	The name of the database. <b>Note:</b> MSSQL only.	analyticsdb	
– Minimum pooled database connections	The minimum number of pooled connections.	2	
– Maximum pooled database connections	The minimum number of pooled connections.	32	
• <b>Application Settings</b>	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</i> /rankengine/work/	
– Rank Engine Port	The port number on which the Rank Engine application services requests.	15350	
• <b>Collaboration Database</b>	These settings enable communication between the Rank Engine and the Collaboration database.		
– Vendor	The name of the database vendor.	mssql	

**Table 2 Configuration Worksheet**

Setting	Description and Notes	Default Value	Your Value
– Host	The name of the computer that hosts the database.	localhost	
– User Name	The name of the database user.	collabdbuser	
– Password	The password for the database user.		
– Port	The port number on which the database services requests.	1433	
– Database Name	The name of the database. <b>Note:</b> MSSQL only.	collabdb	
– SID	The SID for the Oracle database. <b>Note:</b> Oracle only.	PLUM10	
– Minimum pooled database connections	The minimum number of pooled connections.	2	
– Maximum pooled database connections	The minimum number of pooled connections.	32	
• <b>Logging</b>	These settings enable communication with Logging Utilities.		

**Table 2 Configuration Worksheet**

Setting	Description and Notes	Default Value	Your Value
– 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].	rankengine.machine_name.Administrator	
• <b>Rank Engine Database</b>	These settings enable communication between the Rank Engine and the Rank Engine database.		
– Vendor	The name of the database vendor.	mssql	
– Host	The name of the computer that hosts the database.	localhost	
– User Name	The name of the database user.	rankenginedbuser	
– Password	The password for the database user.		
– Port	The port number on which the database services requests.	1433	
– SID	The SID for the Oracle database. <b>Note:</b> Oracle only.	PLUM10	
– Database Name	The name of the database. <b>Note:</b> MSSQL only.	rankenginedb	

**Table 2 Configuration Worksheet**

Setting	Description and Notes	Default Value	Your Value
– Minimum pooled database connections	The minimum number of pooled connections.	2	
– Maximum pooled database connections	The minimum number of pooled connections.	32	
<b>SEARCH SERVICE</b>			
• <b>Application Settings</b>			
– Port		15275	
– Thread Pool Size		30	
– Memory Report Interval (seconds)		1800	
• <b>Logging</b>			
– Server		searchservice.machine_name.Administrator	
• <b>Search Server</b>			
– Search Host		localhost	
– Search Port		15250	

