

Installation and Configuration Worksheets for Analytics 2.5 MP1

This document contains worksheets for entering the installation and configuration information required by BEA AquaLogic Analytics 2.5 MP1 (for AquaLogic Interaction). Print this document and use it to gather the host computer, portal, database, and additional information that you need to install and configure all of the various Analytics components.

Use the Installation Worksheet to gather values for settings that you configure when running the Analytics 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. By default, *install_dir* is C:\bea\alui (Windows) and /opt/bea/alui (UNIX and Linux)

Analytics Console Installation Worksheet

Use this worksheet to gather values for settings that you specify when installing the Analytics Console component by using the Analytics installation wizard.

After installing the Analytics Console component, configure settings for the Analytics Console in Configuration Manager. Settings for the Analytics Console are listed under the Analytics Console section of the Configuration Worksheet.

Table 1 Analytics Console Installation Worksheet

Installation Setting	Description and Notes	Default Value	Your Value
Installation Directory	<p>In the <i>Installation Guide for BEA AquaLogic Analytics</i>, the Analytics installation directory is referred to as <i>install_dir</i>.</p> <p>By default, the Analytics install folder is:</p> <ul style="list-style-type: none"> • C:\bea\alui (Windows) • /opt/bea/alui (UNIX and Linux) 	<ul style="list-style-type: none"> • <i>install_dir</i>\ptanalytics (Windows) • <i>install_dir</i>/ptanalytics (UNIX and Linux) 	
Configuration Manager - Port	<p>The port number on which you want Configuration Manager to service Analytics 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.		

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 installation order of their associated components, as described in the *Installation and Upgrade Guide for BEA AquaLogic*

Analytics. The following table lists the components that you choose in the Analytics installation wizard and each component's associated settings that you configure in Configuration Manager:

Table 2 Installation Components and Associated Configuration Manager Settings

Installation Component	Associated Settings in Configuration Manager
Analytics Console	Analytics Console
Analytics Collector	Analytics Collector
Interaction Analytics Component	Analytics Communication
Analytics Automation Jobs	Analytics Automation Jobs

The same configuration settings for the Analytics database appear only once in this worksheet, even though they appear many times in Configuration Manager. After you click **Save**, information that you enter for the Analytics database is automatically applied to all products that use these settings.

Table 3 Configuration Worksheet

Setting	Description and Notes	Default Value	Your Value
ANALYTICS CONSOLE	Configure Analytics Console settings after you have installed the Analytics Console component.		
• Analytics Database	These settings enable communication between the Analytics console and the Analytics database.		
– Vendor	The database vendor.	mssql	
– Host	The name of the computer that hosts the database.	localhost	
– User name	The name of the database user.	analyticsdbuser	
– Password	The password for the database user.		
– Port	The port number on which the database services requests.	1433	

Table 3 Configuration Worksheet

Setting	Description and Notes	Default Value	Your Value
– Database Name	The name of the database. Note: MSSQL and DB2 only	analyticsdb	
– SID	The SID for the Oracle database. Note: Oracle only	<i>[db oracle sid]</i>	
• Application Settings	Analytics service configuration.		
– HTTP port	Specify the port on which the application should listen for HTTP requests.	11944	
– HTTPS port	Specify the port on which the application should listen for HTTPS requests.	11945	
• Logging	These settings enable communication between the Analytics console and ALI 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].	analytics.machine_name. Administrator	

Table 3 Configuration Worksheet

Setting	Description and Notes	Default Value	Your Value
• Identity Services	Identity Services configuration.		
– Key service file path	String path to the keystore file on the server.	<i>install_dir</i> \settings\keystore\saml2keystore.jks	
– Key service passphrase	String value for the keystore passphrase.	saml2keystore	
– Key service default alias	String value for the keystore alias.	SAML2Keystore	
• Login Tokens			
– 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	
– 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.		
• Portal Connection	Connection information for portal remote queries.		
– Vendor	The vendor of the portal. AquaLogic or WebLogic	AquaLogic	

Table 3 Configuration Worksheet

Setting	Description and Notes	Default Value	Your Value
– Server URL	URL to the Portal Server. Note: AquaLogic only.	http://localhost:11905/ptapi/services/QueryInterfaceAPI	
– User name	The user name for authentication to the Portal Server URL entered. Note: AquaLogic only	administrator	
– Password	The password for the user name entered. Note: AquaLogic only.		
– Synchronization /Security URL	URL for synchronization and security with the Portal. Note: WebLogic only	http://localhost:7041/WLPAnalyticsSync	
• Security Database	These settings enable communication between the Analytics console and the ALUI Security database.		
– 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.	cssdbuser	
– Password	The password for the database user.		
– Port	The port number on which the database services requests.	1433	
– Minimum pooled database connections	The minimum number of pooled connections.	2	

Table 3 Configuration Worksheet

Setting	Description and Notes	Default Value	Your Value
– Maximum pooled database connections	The maximum number of pooled connections.	32	
– Database name	The name of the database. Note: MSSQL only	cssdb	
– SID	The SID for the Oracle database. Note: Oracle only.	PLUM	
• Security Directory	User and Group Directory		
– Authentication provider	Provider type (ALI Directory, generic LDAP or Active Directory).		
– Host	Host name.	localhost	
– Port	Port number.	389	
– Principal	Distinguished name of the directory administrator, for example uid=adminiistrator,ou=users,dc=bea,dc=com.	uid=adminiistrator,ou=users,dc=bea,dc=com	
– Credential	Password for the principal.		
ANALYTICS COLLECTOR	Configure Analytics Collector settings after you have installed the Analytics Collector component.		
• Clustering	A cluster may be configured so the collector load may be dispersed over multiple Collector instances.		
– Cluster name	The name of the Analytics Collector Cluster. This name must match the name configured on the client.		

Table 3 Configuration Worksheet

Setting	Description and Notes	Default Value	Your Value
– Communication Method	Send broadcast messages using Multicast or Broadcast communication.	Multicast	
– Frequency (seconds)	The frequency at which broadcast messages should be sent (seconds).	10	
• Logging	These settings enable communication between the BEA AL Analytics Collector service and ALI 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].	collector.machine_name. Administrator	
ANALYTICS COMMUNICATION	Configure Analytics Communication settings after you have installed the Interaction Analytics component.		
– Collector hostname	Only appears when Analytics Communication is enabled.	collectorHost	
– Collector port	Only appears when Analytics Communication is enabled.	31314	

Table 3 Configuration Worksheet

Setting	Description and Notes	Default Value	Your Value
– Cluster name	Only appears when Use Clustering is enabled.	defaultCluster	
– Cluster node timeout period	Only appears when Use Clustering is enabled.	60	
– Broadcast listening port	Only appears when Use Clustering is enabled.	0	
– Logging Level		INFO	
ANALYTICS AUTOMATION JOBS	Configure Analytics Jobs settings after you have installed the Analytics Automation Jobs component.		
• Collaboration Database	These settings enable communication between Analytics and the Collaboration database.		
– Vendor	The database vendor.	mssql	
– 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. Note: MSSQL only	collabdb	
– SID	The SID for the Oracle database. Note: Oracle only	<i>[db oracle sid]</i>	

Table 3 Configuration Worksheet

Setting	Description and Notes	Default Value	Your Value
• Portal Database	These settings enable communication between Analytics and the portal database.		
– Vendor	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	
– Database Name	The name of the database. Note: MSSQL only	alidb	
– SID	The SID for the Oracle database. Note: Oracle only.	<i>[db oracle sid]</i>	
• Publisher Database	These settings enable communication between Analytics and the Publisher database.		
– Vendor	The database vendor.	mssl	
– User name	The name of the computer that hosts the database.	publisherdbuser	
– Password	The name of the database user.		
– Port	The password for the database user.	1433	
– Database Name	The port number on which the database services requests.	publisherdb	
– SID	The name of the database. Note: MSSQL only	<i>[db oracle sid]</i>	

Analytics Collector Installation Worksheet

Use this worksheet to gather values for settings that you specify when installing the Analytics Collector component by using the Analytics installation wizard.

After installing the Analytics Collector component, configure settings for the Analytics Collector in Configuration Manager. Settings for the Analytics Collector are listed under the Analytics Collector section of the Configuration Worksheet

Table 4 Analytics Collector Installation Worksheet

Installation Setting	Description and Notes	Default Value	Your Value
Collector Service - Installation Directory	In the <i>Installation Guide for BEA AquaLogic Analytics</i> , the Analytics installation directory is referred to as <i>install_dir</i> .	<ul style="list-style-type: none"> <i>install_dir</i>\ptcollector (Windows) <i>install_dir</i>/ptcollector (UNIX and Linux) 	
Configuration Manager - Port	<p>The port number on which you want Configuration Manager to service Analytics 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.		

Use this worksheet to gather values for settings that you configure when installing the Interaction Analytics component.

Installation Setting	Description and Notes	Default Value	Your Value
Portal Installation Directory	Note:	<i>install_dir\portal\6.5</i>	
		Note: The Interaction Analytics and Analytics Automation Jobs components require installation into the same directory.	

Interaction Analytics Component Installation Worksheet

Use this worksheet to gather values for settings that you specify when installing the Interaction Analytics Component by using the Analytics installation wizard.

After installing the Interaction Analytics Component, configure settings for the Analytics Console in Configuration Manager. Settings for the Analytics Console are listed under the Analytics Console section of the Configuration Worksheet

In Configuration Manager, the Analytics Communication component is appears under the Portal Service application name.

Table 5 Interaction Analytics Component Installation Worksheet

Installation Setting	Description and Notes	Default Value	Your Value
Configuration Manager - Port	The port number on which you want Configuration Manager to service Analytics requests. After running the installer, you will be able to access Configuration Manager by using the following URL: https://localhost:port_number/cm/login.jsf	12345	

Table 5 Interaction Analytics Component Installation Worksheet

Configuration Manager - Password	The Administrator password that you will use to log in to Configuration Manager.	
Portal Installation Directory	Specify the path to the location of the portal server installation.	<ul style="list-style-type: none"> • <i>install_dir</i>\ptportal\6.5 (Windows) • <i>install_dir</i>/ptportal/6.5 (Unix and Linux)
	<p>Note: The Interaction Analytics and Analytics Automation Jobs components require installation into the same directory.</p>	

Image Service Component Installation Worksheet

Use this worksheet to gather values for settings that you specify when installing the Image Service component by using the Analytics installation wizard.

Table 6 Image Service Installation Worksheet

Installation Setting	Description and Notes	Default Value	Your Value
Image Service Component - Image Service Installation Directory	In the <i>Installation Guide for BEA AquaLogic Analytics</i> , the Analytics installation directory is referred to as <i>install_dir</i> .	<i>install_dir</i> \ptimages	

Analytics Automation Jobs Component Installation Worksheet

Use this worksheet to gather values for settings that you specify when installing the Analytics Automation Jobs component by using the Analytics installation wizard.

Note: You need to use Configuration Manager to configure settings for the Analytics Automation Jobs component. These settings are listed under the Analytics Jobs section of the Configuration Worksheet

Table 7 Analytics Automation Jobs Component Installation Worksheet

Installation Setting	Description and Notes	Default Value	Your Value
Configuration Manager - Port	The port number on which you want Configuration Manager to service Analytics requests. After running the installer, you will be able to access Configuration Manager by using the following URL: <code>https://localhost:port_number/cm/login.jsf</code>	12345	
Configuration Manager - Password	The Administrator password that you will use to log in to Configuration Manager.		
Portal Installation Directory	Specify the path to the location of the portal server installation. Note: The Interaction and Analytics Automation Jobs components require installation into the same directory.	<ul style="list-style-type: none"> • <code>install_dir\ptportal\6.5</code> (Windows) • <code>install_dir/ptportal/6.5</code> (Unix and Linux) 	