Configuration Worksheets for Oracle WebCenter Ensemble 10.3

This document contains worksheets for installing and configuring Oracle WebCenter Ensemble 10.3. Print this document and use it to gather the host computer, portal, database, and additional information that you need to install and configure the Oracle WebCenter Ensemble application, Security, and Directory.

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

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

Note: In Oracle WebCenter Configuration Manager, all URLs for Oracle WebCenter Ensemble components must be set to the Full Qualified Domain Name (FQDN), otherwise unexpected results might occur.

Installation Worksheet

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

Table 1 Installation Worksheet

Installation Setting	Description and Notes	Default Value	Your Value
Installation Location	In the Installation and Upgrade Guide for Oracle WebCenter Ensemble, the Ensemble install folder is referred to as install_dir.	• C:\bea\alui (Windows) • /opt/bea/alui (UNIX)	
Configuration Manager - Port	The port number on which you want Oracle WebCenter Configuration Manager to service requests. After running the installer, you will be able to access Oracle WebCenter Configuration Manager by using the following URL: `https://localhost:`*`port_number`*`/cm/login.jsf`	12345	
Configuration Manager - Password	The Administrator password that you will use to log in to Oracle WebCenter Configuration Manager.		

Configuration Worksheet

Use this worksheet to gather values for settings that you configure when running Oracle WebCenter Configuration Manager. The settings in this worksheet are listed in the same order as they appear in Oracle WebCenter Configuration Manager.

Table 2 Configuration Worksheet

Setting	Description and Notes	Default Value	Your Value
APACHE DS WRAPPER	These settings appear in Oracle WebCenter Configuration Manager only if you installed an Evaluation version of Oracle WebCenter Ensemble.		
• LDAP Settings	These settings control the Apache DS Wrapper start up parameters, including port.		
– LDAP port	Specify port number on which the LDAP Server should listen for requests.	20080	
DERBY DB WRAPPER	These settings appear in Oracle WebCenter Configuration Manager only if you installed an Evaluation version of Oracle WebCenter Ensemble.		
• Derby DB Settings	These settings control the Derby DB Wrapper start up parameters, including port.		
– DB Port	Specify port number on which the Derby DB Server should listen for requests.	20090	

Table 2 Configuration Worksheet

Setting	Description and Notes	Default Value	Your Value
ENSEMBLE			
• ALUI Directory			
– Authentication provider	Provider type (ALUI Directory, generic LDAP or Active Directory).	LDAP	
– Host	Host name.	localhost	
– Port	Port number.	20080	
– Principal	User name of the directory administrator.	cn=Administrator,ou=people, o=enewetak	
– Base DN	Base DN for all users and groups. **Note:** LDAP and AD only	• Custom Install value: dc=bea,dc=com • Evaluation Install value: o=enewetak	
– User base DN	Base DN where all users reside in the directory. **Note:** LDAP and AD only	ou=people,o=enewetak	
– User object class	LDAP objectclass type for users. **Note:** LDAP and AD only	person	
– User filter	LDAP filter for identifying users. **Note:** LDAP and AD only	objectclass=person	

Table 2 Configuration Worksheet

Setting	Description and Notes	Default Value	Your Value
– User authentication name	LDAP attribute for user login name. The value of the attribute should be unique to each user. **Note:** LDAP and AD only	• Custom Install value: samAccountName • Evaluation Install value: uid	
– User unique name	LDAP attribute designator for user UUID. Leave blank to default to distinguished name. **Note:** LDAP and AD only	uuid **Note:** In an Evaluation install, the default value is empty.	
– User name	LDAP attribute for user display name. **Note:** LDAP and AD only	cn	
– User description	Ldap attribute for user description. **Note:** LDAP and AD only	description	
– Group base DN	**Note:** LDAP and AD only	ou=groups,o=enewetak	
– Group object class	**Note:** LDAP and AD only	groupOfUniqueNames	
– Group filter	**Note:** LDAP and AD only	objectclass=groupOfUniqueNames	
– Group unique name	**Note:** LDAP and AD only		
– Group name	**Note:** LDAP and AD only	cn	

Table 2 Configuration Worksheet

Setting	Description and Notes	Default Value	Your Value
– Group description	**Note:** LDAP and AD only	description	
– Group membership	**Note:** LDAP and AD only	uniquemember	
• ALUI Security Database			
– Vendor	The vendor used for the database.	• Custom install value: mssql • Evaluation install value: derby	
– 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.	• Custom install value: 1433 • Evaluation install value: 20090	
– SID	The SID for the Oracle database **Note:** Oracle only.	PLUM	
– Database Name	The name of the database. **Note:** MSSQL only.	cssdb	

Table 2 Configuration Worksheet

Setting	Description and Notes	Default Value	Your Value
• ALUI Security Login Tokens			
– Default token type	String value that indicates the type of Login Token used by default by Security. Only use ALUI if your directory is pointed to Directory.	SAML2	
– Token expiration time in minutes	The token expiration time, in minutes.	5	
• Administrative Credentials	Settings for authenticating with Security.		
– Use ALUI Security connection principal.	If you enable this, Oracle WebCenter Ensemble will use the Administrator principal defined under the ALUI Directory tab. This setting will override any other user defined in this tab.	no	
– User Name	The user name of an administrative user for Oracle WebCenter Interaction. This setting is optional.	Administrator	
– Password	The password of an administrative user for Oracle WebCenter Interaction.		
• Analytics	Settings for configuring Oracle WebCenter Analytics with Oracle WebCenter Ensemble.		
– Analytics Communication Enabled	Select to enable Oracle WebCenter Analytics with Oracle WebCenter Ensemble.	no	

Table 2 Configuration Worksheet

Setting	Description and Notes	Default Value	Your Value
– Use Clustering Enabled	A cluster may be configured so the collector load may be dispersed over multiple Collector instances.	no	
– Cluster name	The name of the Oracle WebCenter Analytics Collector Cluster. This name must match the name configured on the client.	defaultCluster	
– Cluster node timeout period.	The amount of time (in seconds) to wait for broadcast messages before a node in the Cluster is timed out	60	
– Broadcast listening port	The port on which to listen for broadcast messages from the Oracle WebCenter Analytics Cluster	0	
– User Profile Attributes	The list of user profile attributes to be included in Oracle WebCenter Analytics data, delimited by semicolons. Attribute names must match up with names used in Portal DB or LDAP. For example, "email;address;employeeid".		

Table 2 Configuration Worksheet

Setting	Description and Notes	Default Value	Your Value
– Excluded Parameter Names	The list of parameter names to be excluded from the Oracle WebCenter Analytics data for security purposes, such as the jsessionid. The list should be delimited by semicolons. For example, "jsessionid;sessionid;authenti cationid". **Note:** Parameter names are not case sensitive.	jsessionid	
– Logging Level	The Oracle WebCenter Analytics logging level.	INFO	
– Enable console logging		yes	
• Distributed Caching	Settings for distributed caching between Oracle WebCenter Ensemble servers.		
– Broadcast Range	Specify how widely caching communication should be broadcast across your network. The cache information does not contain any sensitive contents and does not reveal your data, so restricting this value based on security is not necessary. A valid reason to restrict the range is if it affects the performance of the network.	localhost	

Table 2 Configuration Worksheet

Setting	Description and Notes	Default Value	Your Value
– Multicast Address	Specify the multicast address to which cluster messages will broadcast. This must be a valid multicast IP address that is shared by every Oracle WebCenter Ensemble server in a cluster, for example: 230.5.2.1. This should be uniquely set for each Oracle WebCenter Ensemble cluster in the network. Please note that only a subset of IP addresses are valid multicast IP addresses. Please consult a multicast documentation reference for valid ranges	230.5.2.1	
– Broadcast Port	Specify the multicast port to which cluster messages will broadcast.	15925	
– Proxy Listener Port	Specify the port on which the Ensemble Proxy server will receive cluster messages.	15927	
– Administrative UI Listener Port	Specify the port on which the Ensemble Administrative UI server will receive cluster messages.	15926	

Table 2 Configuration Worksheet

Setting	Description and Notes	Default Value	Your Value
• Ensemble Database	Settings for connecting to the Oracle WebCenter Ensemble Database.		
– Vendor	Choose the database vendor.	• Custom install value: msssql • Evaluation install value: derby	
– Host	The name of the database server.	localhost	
– User Name	The name of the database user.	ensembledbuser	
– Password	The password for the database user.		
– Port	The port number on which the database services requests.	• Custom install value: 1433 • Evaluation install value: 20090	
– Database Name	The name of the database.	ensembledb	
– SID	The system ID of the Oracle database instance. Visible only when database vendor setting is Oracle.		

Table 2 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.	install_dir\settings\keystore\saml2keystore.jks	
– Key service default alias	String value for the keystore alias.	SAML2Keystore	
– Key service passphrase	String value for the keystore passphrase.		
• Image Server	Settings for describing the locations of the Image Service. The Base URL, Secure URL, and Connect URL are often identical, in the form http://*image_server*/imageserver. Note: These URLs must be accessible to clients. Do not use local machine name aliases like localhost. It is best to use a fully qualified hostname		
– Base URL	The base URL of the Image Service. For example: http://*image_service_host*:*image_service_port*/imageserver.	/ensemblestatic/imageserver	
– Secure URL	The Secure URL of the Image Service. For example: https://*secure_image_service_host*:*secure_image_service_port*/imageserver.	/ensemblestatic/imageserver	
– Connect URL	The Connect URL of the Image Service.	/ensemblestatic/imageserver	

Table 2 Configuration Worksheet

Setting	Description and Notes	Default Value	Your Value
• Logging	Settings for enabling communication with Logging Utilities.		
– Server	The application name that will uniquely identify log messages sent from this application. Logging Utilities uses this string to determine the location from which log messages originate. The application name must be a string that meets the following criteria: • It must not be empty • It must not exceed 128 in length • It may only contain non-white-space visible ASCII characters and the space character. Most Oracle WebCenter Interaction products follow the naming convention [product-name].[machine-name].[user-name].	Autopopulated by default with a string of the form ensemble.machine_name.username	
– Local Only	Select to limit broadcast of this application's logging messages to only the computer on which this application is installed. Changing this could impact performance.	yes	

Table 2 Configuration Worksheet

Setting	Description and Notes	Default Value	Your Value
• Login Server	Settings for connecting to the Login Server.		
– Base URL	The base URL for the Login Server. This cannot be in the same container instance as the Ensemble Proxy. A default login server Ensemble Login Server is bundled with the Ensemble installer. The port specified in this URL must match up with the port that the Login Server runs on. If you customize the port that the Login Server service runs on (by changing the port number under Ensemble Login Server | Application Settings | HTTP port), verify that the URL here refers to the correct customized port. If no changes are made, the supplied default URL can be retained. Note that changing the login server port after initial startup will require updating your seed data manually.	http://localhost:20060/loginserver/	

Table 2 Configuration Worksheet

Setting	Description and Notes	Default Value	Your Value
• Portal Server	Setting for connecting to the Oracle WebCenter Interaction Portal Server. For example: http://*portal_server*:11905/ptapi/services/QueryInterfaceAPI		
– SOAP API URL	The URL of the AquaLogic Interaction Portal SOAP API (PTAPI) Service. This is sent to remote resources in the CSP headers. This URL can be found on the Portal URL Manager page of the Portal Settings Utility in portal administration. For example: *http//portal_server:11905/ptapi/services/QueryInterfaceAPI* **Note:** You do not need to configure this setting. Setting this value only ensures that Oracle WebCenter Ensemble will provide the location of the portal server in CSP headers to clients (it does not ensure that Oracle WebCenter Ensemble makes use of the portal).		

Table 2 Configuration Worksheet

Setting	Description and Notes	Default Value	Your Value
• Proxy Server	Settings for connecting to the Proxy Server. In most cases, the proxy is configured to listen on standard HTTP/S ports (i.e. 80 or 443). In this configuration, both URL rewriting and non-rewriting (transparent mode) are supported. If other ports are specified, URL rewriting will be required for all resources. The recommended ports to use instead of 80 and 443 are 20050 and 20051 respectively. Please be careful when choosing the port number.		
– Hostname	The fully-qualified domain name of the computer on which the Proxy Server is installed.	[autodetect]	
– Port	The connection port used by the Proxy Server. The port entered controls where Oracle WebCenter Ensemble expects itself to be found but does not control the physical port, configured under application settings. The port must match the HTTP port specified under Ensemble Proxy	Application Settings.	You must change the value of this setting. For an evaluation installation of Oracle WebCenter Ensemble, the port number used is 20050.	

Table 2 Configuration Worksheet

Setting	Description and Notes	Default Value	Your Value
– Secure Port	The secure connection port used by the Proxy Server. The port entered controls where Oracle WebCenter Ensemble expects itself to be found but does not control the physical port, configured under application settings. The port must match the HTTP port specified in Ensemble Proxy | Application Settings.	You must change the value of this setting. For an evaluation installation of Oracle WebCenter Ensemble, the port number used is 20051.	
• SSO Login	Settings for configuring Single Sign On Login.		
– Standard Cookie Timeout	Timeout value of cookie in seconds. A positive value means that the cookie will be set to expire after that many seconds have passed. This cookie will be able to restore a session regardless if there are any active HTTP sessions. A negative value means that no cookie will be stored on the hard disk. For environments which need to be extremely secure, use a negative value to effectively disable the storage of this cookie on the hard disk. For environments which want convenience over security, this value may be kept at the default value. This cookie will then be used to log users into Oracle WebCenter Ensemble, and will be stored on the user's hard disk.	604800	

Table 2 Configuration Worksheet

Setting	Description and Notes	Default Value	Your Value
– Session-linked Cookie Timeout	Timeout value of cookie in seconds. This cookie is different from the standard cookie in that it will only restore a session if there are still valid http sessions for this user. If all http sessions have expired, this cookie will not restore a session, even if the timeout value has not been reached.	604800	
– Spnego Redirect URL	The redirect URL for SPNEGO	/spnego/SpnegoServlet	
– Oracle CORE Redirect URL	The redirect URL for Oracle COREid	/OracleCOREid/OracleCOREidServlet	
– Site Minder Redirect URL	The redirect URL for CA SiteMinder	//siteminder/sso.aspx	
– Enable Portal Cookie Replication		no	
– Portal Cookie Replication URL	The location to which the portal.war file is deployed. Oracle WebCenter Ensemble redirects to this URL to verify that a portal cookie exists.	http://server:port/portal/PortalIntegrationServlet	
– Timeout	The frequency -- in milliseconds -- at which Oracle WebCenter Ensemble checks for portal cookies.	604800	

Table 2 Configuration Worksheet

Setting	Description and Notes	Default Value	Your Value
– Access Level	The access level that is assigned to the user when Oracle WebCenter Ensemble detects a valid portal session cookie. Valid values are between 1 and 10.	10	
ENSEMBLE ADMINISTRATIVE UI			
• Application Settings	Application Server settings for the Ensemble Administrative UI. Once installed, the admin console is reachable at http://<server:port>/ensembleadminui.		
– HTTP Enabled	Select if HTTP should be used for the application's web protocol. This controls the physical port on which the Ensemble Administrative UI will run.	yes	
– HTTP Port	Specify the port on which the application listens for HTTP requests.	20060	
– HTTPS Enabled	Select if HTTPS should be used for the application's web protocol.	no	
– HTTPS Port	Specify the port on which the application listens for HTTPS requests. This controls the physical port on which the Oracle WebCenter Ensemble Administrative UI will run.	20061	

Table 2 Configuration Worksheet

Setting	Description and Notes	Default Value	Your Value
– AJP/1.3 Enabled	Select if AJP/1.3 should be used for the application's web protocol	no	
– AJP/1.3 Port	Specify the port number on which the application listens for AJP/1.3 requests.	3002	
• Logging	Settings for enabling communication with Logging Utilities		
– Server	The application name that will uniquely identify log messages sent from this application. Logging Utilities uses this string to determine the location from which log messages originate. The application name must be a string that meets the following restrictions: • It must not be empty • It must not exceed 128 in length. • It may only contain non-white-space visible ASCII characters and the space character.	Autopopulated by default with a string of the form ensembleadmin ui.machine_na me.username	
– Local Only	Select to limit broadcast of this application's logging messages to the computer on which this application is installed. Changing this could impact performance.	yes	

Table 2 Configuration Worksheet

Setting	Description and Notes	Default Value	Your Value
ENSEMBLE LOGIN SERVER			
• Application Settings	Application Server settings for Login Server. **Note:** If the Login Server port is changed, seed resources that are created by Oracle WebCenter Ensemble when it starts for the first time will stop working and need to be manually updated.		
– HTTP Enabled	Select of HTTP should be used for the application's web protocol.	yes	
– HTTP Port	Specify the port on which the application listens for HTTP requests. This controls the physical port on which the login server will run at. Changing this port after install requires updating seed data entries manually.	Evaluation install value: 20050 **Note:** For Custom installs, we recommend using port 80.	
– HTTPS Enabled	Select if HTTPS should be used for the application's web protocol.	no	
– HTTPS Port	Specify the port on which the application listens for HTTPS requests. This controls the physical port on which the Login Server will run. **Note:** We recommend using port number 443 for this setting.	Evaluation install value: 20051 For Custom installs, we recommend using port 443.	

Table 2 Configuration Worksheet

Setting	Description and Notes	Default Value	Your Value
– AJP/1.3 Enabled	Select if AJP/1.3 should be used for the application's web protocol	no	
– AJP/1.3 Port	Specify the port number on which the application should listen for AJP/1.3 requests.	3002	
ENSEMBLE PROXY			
• Application Settings	Application Server settings for Ensemble Proxy. In most cases, the proxy should be configured to listen on standard HTTP/S ports (i.e. 80 or 443). In this configuration, both URL rewriting and non-rewriting (transparent mode) are supported. If other ports are specified, URL rewriting will be required for all resources. The recommended ports to use instead of 80 and 443 are 20050 and 20051 respectively. Please be careful when choosing the port number since changing it after installation requires a multi-step process.	**Note:** You must change the value of this setting.	
– HTTP Enabled	Select of HTTP should be used for the application's web protocol.	yes	
– HTTP Port	Specify the port on which the application listens for HTTP requests. This controls the physical port on which the Ensemble Proxy will run.	No default; however, port 80 is strongly recommended.	

Table 2 Configuration Worksheet

Setting	Description and Notes	Default Value	Your Value
– HTTPS Enabled	Select if HTTPS should be used for the application's web protocol. Enable if you plan to use Ensemble Proxy with HTTPS without a SSL accelerator front end. That is, you want the local container to provide a SSL version of Ensemble Proxy.	no	
– HTTPS Port	Specify the port on which the application listens for HTTPS requests. This controls the physical port on which the Ensemble Proxy will run.	No default; however, port 443 is strongly recommended.	
– AJP/1.3 Enabled	Select if AJP/1.3 should be used for the application's web protocol	no	
– AJP/1.3 Port	Specify the port number on which the application should listen for AJP/1.3 requests.	3002	