

Datasheet for performing an upgrade to the Collaborative Lifecycle Management environment

The following tables contain a listing of data items that you will need to have available during the upgrade process. Please let us know if there are any additions or changes that you would like to see on the datasheet.

2.X to 3.0.1 Context Root Mappings

You will need to know the actual URL including the context root when upgrading from 2.X to 3.X. Do not change your context root when upgrading to 3.X. For more information, consult the documentation at:

http://pic.dhe.ibm.com/infocenter/clmhelp/v3r0m1/topic/com.ibm.jazz.install.doc/topics/c_understand_upgrade.html

CLM Application	2.X Default Context Root	Your actual 2.X Context Root if different than the default
Rational Team Concert/CCM	https://rtc.hostname.example.com:port/jazz	
Rational Quality Manager/QM	https://rqm.hostname.example.com:port/jazz	
Rational Requirements Composer/RM	https://rrc.hostname.example.com:port/rdm	
Jazz Team Server/JTS	A separate web application at https://rrc.hostname.example.com:port/jazz for Rational Requirements Composer. Included with the other products.	

Note: When upgrading 3.0.1 to 4.0 the context roots stay the same for all applications.

3.0 to 3.0.01 Rational Team Concert Context Root Mapping

CLM Application	3.0 Default Context Root	Your actual 3.0 Context Root if different than the default
Rational Jazz Team Server/JTS	https://jts.hostname.example.com:port/jts	

Topology Touch Points

When performing an upgrade, you will need to have information and access available as it relates to your database, application server, proxy server, Collaborative Lifecycle Management (CLM) applications, user management system, and license management system. The following table depicts what information and/or access you will need to these tools in order to perform the upgrade.

Database	Data Items Needed	Description	Data	Comments
DB2	Names of databases			
	Path			
	URL including port number	Found in the teamserver.properties file typically as: com.ibm.team.repository.db.vendor, com.ibm.team.repository.db.jdbc.location and com.ibm.team.repository.db.jdbc.password		
	Admin user account privilege and password for all databases	In the UNIX systems, get the password for the DB2 instance owner, which is typically the db2inst1 user.		
	Location of where you can create a backup database.			
	If using the data warehouse, will need path name for database table space folder.			
	If using the datawarehouse, type the login information for a functional user that will run the data collection jobs.	This user id must exist in your user registry. Note: The User ID that you enter for the functional user must be a different ID than the administrative user that you are currently using to configure the application.		
Oracle	Name of databases			
	Path			
	URL including port number			
	Administrative authority for user account privilege and password for all databases	Must have database administration authority over the database and that the database, tablespace storage, and appropriate storage		

		configuration is created by a user with system administration authority.		
	You must create a separate tablespace and database user who is associated with that tablespace for each application.	CCM DB user id RQM DB user id RRC DB user id		
	If using the data warehouse, will need path name for database table space folder.			
	If using the data warehouse, type the login information for a functional user that will run the data collection jobs.	This user id must exist in your user registry. Note: The User ID that you enter for the functional user must be a different ID than the administrative user that you are currently using to configure the application.		
Microsoft SQL Server	User ID and password for creating databases.	The user who creates the database table must be a member in the sysadmin fixed server role, or an owner of the database (dbo).		
	Names of databases			
	Paths			
	URLs including port number			
	Administrative authority for user account privilege and password for all databases			
	You must create a separate tablespace and database user who is associated with that tablespace for each application.	CCM DB user id RQM DB user id RRC DB user id		
	If using the datawarehouse, will need path name for database table space folder.			
	If using the datawarehouse, type the login information for a functional user that will run the data collection jobs.	This user id must exist in your user registry. Note: The User ID that you enter for the functional user must be a different ID than the administrative user that you		

		are currently using to configure the application.		
Application Server	Data Items Needed	Description	Data	Comments
WebSphere Application Server	URL, administrative user account privilege and password.			
	Path name to location of war files	Found in <i>WebSphereInstall/AppServer/profiles/profile/bin</i>		
	User name and password with admin authority in the Integrated Solutions Console			
	Name of application server which contain the war files prior to upgrade			
	Name of application server to contain the war files once the upgrade is deployed			
	Security roles mapped to jts_war			
	Security roles mapped to ccm_war			
	Security roles mapped to qm_war			
	JAZZ_HOME	Do the following steps from the Integrated Solutions Console to locate the information: 1. Servers > Server Types > WebSphere application servers. 2. Click the server name to open it. The default server name is server1. 3. Under Server Infrastructure section click Java and Process Management > Process definition.		

		<p>4. Under Additional Properties click Java Virtual Machine.</p> <p>5. Under Additional Properties click Custom properties.</p>		
Apache Tomcat	Public URI	As defined in the teamserver.properties file for com.ibm.team.repository.server.webapp.url		
	Database vendor	As defined in the teamserver.properties file for com.ibm.team.repository.db.vendor		
	Database location	As defined in the teamserver.properties file for com.ibm.team.repository.db.jdbc.location		
	Application home	Full path to the RTC version 2 or CCM version 3 server configuration directory. The path must not contain any spaces. The default is <JazzInstallDir>/server/conf		
	Port numbers for the Jazz Team Server and CLM applications	May be found in the server.xml file located at the path InstallDirectory/server/tomcat/conf		
	Administrative ID and password.	This ID and password must work in the previous version from which you are upgrading and reside in the tomcat-users.xml file.		
	User ID, name, password, and e-mail Address of the user who will have administrative access to the Jazz Team Server after the upgrade.	This user must reside in the registry.		
Reverse Proxy Server	Data Items Needed	Description	Data	Comments
CLM Solution	URL, port number, and context roots for all CLM applications:	See the following for more information:		

		https://jazz.net/library/article/744 https://jazz.net/library/article/745		
CCM	Inbound client request URL to proxy server for CCM			
	Forwarded client request URL from proxy server for CCM			
RM	Inbound client request URL to proxy server for RM			
	Forwarded client request URL from proxy server for RM			
QM	Inbound client request URL to proxy server for QM			
	Forwarded client request URL from proxy server for QM			
JTS	Inbound client request URL to proxy server for JTS			
	Forwarded client request URL from proxy server for JTS			
CLM Applications	Data Items Needed	Description	Data	Comments
Jazz Team Server	Path for the installation directory of the Jazz Team Server package.			
	Path for the new installation directory of the Jazz Team Server package.			
	URLs for the server and each application, including port numbers and context root	Value found in teamserver.properties file for "com.ibm.team.repository.server.webapp.url". If this value is not set, it must be set using the administrative web interface.		
	ID and password with Admin privileges (JazzAdmin)	Provide the user ID, name, password, and e-mail Address of the user who will have administrative access to the Jazz Team Server		
	Name			
	Email			

	Location of configuration files: <ul style="list-style-type: none"> • teamserver.properties • services.xml • log4j.properties • provision_profiles 	Found in the path: <i>Install Directory/conf/application</i>		
CM	URL including port numbers and context root			
	ID and password with administrative privileges			
RM	URL including port numbers and context root			
	ID and password with administrative privileges			
QM	URL including port numbers and context root			
	ID and password with administrative privileges			
RRDI	URL including port numbers and context root			
	ID and password with administrative privileges			
User Management	Data Items Needed	Description	Data	Comments
LDAP (General)	LDAP registry location	See: http://pic.dhe.ibm.com/infocenter/clmhelp/v3r0m1/topic/com.ibm.jazz.install.doc/topics/c_plan_identity_management.html for more information on LDAP parameters.		
	LDAP User Name			
	LDAP Password			
	Base User DN			
	User Property Names Mapping			
	Base Group DN			
	Group Name Property			
	Group Member Property			

	Jazz to LDAP Group Mapping	<ul style="list-style-type: none"> • JazzAdmins =[LDAP Group for Jazz admins] • JazzUsers =[LDAP Group for Jazz users] • JazzDWAdmins =[LDAP Group for Jazz Data Warehouse Admin] • JazzGuests =[LDAP Group for Jazz guest] (Not used by Rational Quality Manager) • JazzProjectAdmins =[LDAP Group for Jazz project admins] <p>See http://pic.dhe.ibm.com/infocenter/clmhelp/v3r0m1/topic/com.ibm.jazz.install.doc/topics/c_plan_identity_management.html for more information.</p>		
LDAP Local Group Realm for Apache Tomcat	Path name and location of LDAP Local file			
	Connection URL	<p>Obtain these three values from your LDAP Administrator. These values are from your LDAP directory.</p> <p>See http://pic.dhe.ibm.com/infocenter/clmhelp/v3r0m1/topic/com.ibm.jazz.install.doc/topics/t_config_idapicalgroup.html for more information.</p>		
	User Base			
	User Search			
License Management	Data Items Needed	Description	Data	Comments
Floating license	Administrative user with a license	If your Jazz Team Server application acted as a floating license server for multiple version 2 servers, you must reinstall your license keys.		
	Jazz Team Server that is the	You will need the URL		

	floating license server and has the Client Access License (CAL) keys installed.	containing the fully qualified DNS hostname and port number. For example: http://floating-license-server:9443/jts where "floating-license-server" contains the DNS domain of the machine. For more information: http://pic.dhe.ibm.com/infocenter/clmhelp/v3r0m1/topic/com.ibm.jazz.repository.web.admin.doc/topics/tmanagefloatinglic.html		
	Jazz Team Server that assigns the floating Client Access License (CAL).	This server points to the floating server.		
Client access license keys	URL with a fully qualified DNS host name including port number. The fully qualified host name includes the DNS domain reference of the machine on which the Jazz Team Server is installed.	Example: https://[fully qualified hostname]:9443/jts/admin For more information: http://pic.dhe.ibm.com/infocenter/clmhelp/v3r0m1/topic/com.ibm.jazz.repository.web.admin.doc/topics/tmanagelicensekey.html		
	Location of the license activation key.			
	The number of purchased licenses.			
Email Settings	Data Items Needed	Description	Data	Comments
	SMTP server			
	SMTP port			
	SMTP user name and password			
	Name and email address for the "From" field on email			