The Complete Guide

Validate your application with Ready for IBM DB2 database software





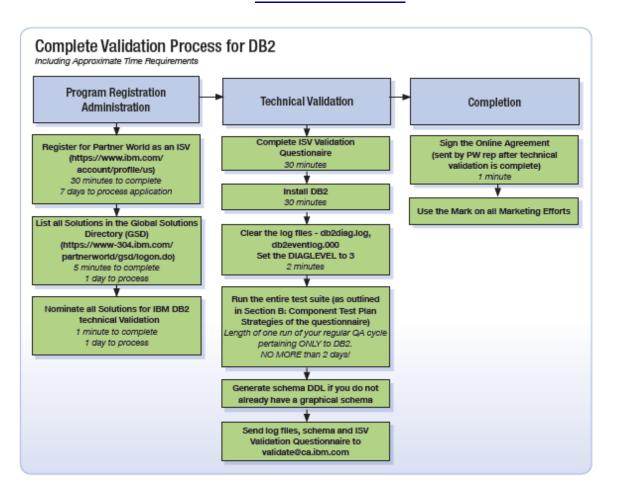


database software

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Process Overview



Validation Registration

Signing up for PartnerWorld as an ISV

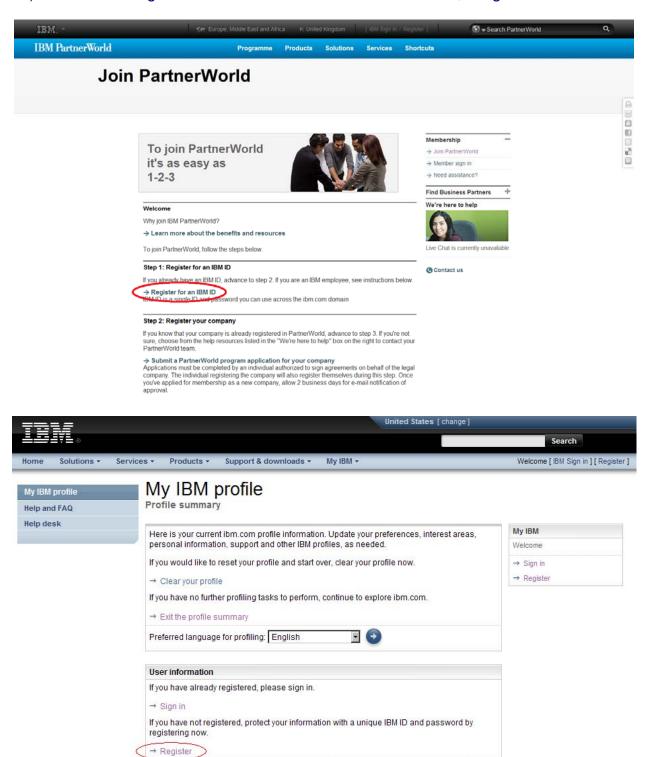
1) Visit the Ready for IBM DB2 database validation page hosted by PartnerWorld at www.ibm.com/isv/data/ready and click on "Join Partnerworld".



2) Determing if your company has an IBM ID.

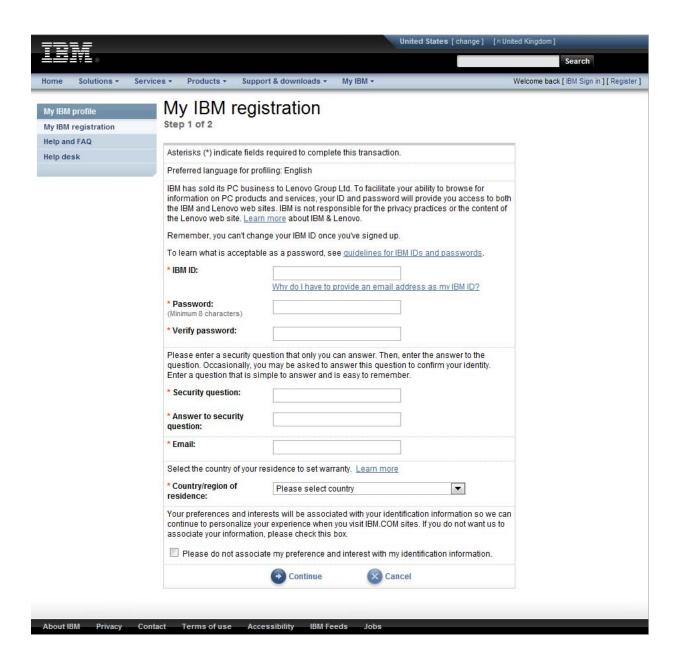
If you need to create an IBM ID, continue to step 3a. If you already have an IBM ID, skip to step 4.

3a) Click on "Register for an IBM ID" and on the next screen, "Register".

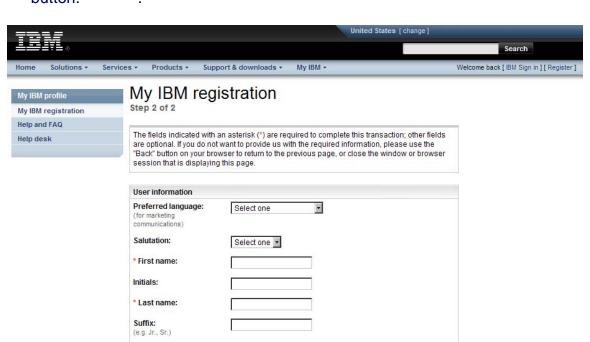


→ Edit your shopping address (learn more)

3c) Enter Information – IBM ID, password, security, question and country. When you have finished entering this information, click the • continue button.



3d) Enter the requested information. When you have finished, click on the button.



3e) Navigate back to the main page by clicking the continue button. This will take you back to apply for a PartnerWorld membership.

Daytime phone:

Daytime phone ext:

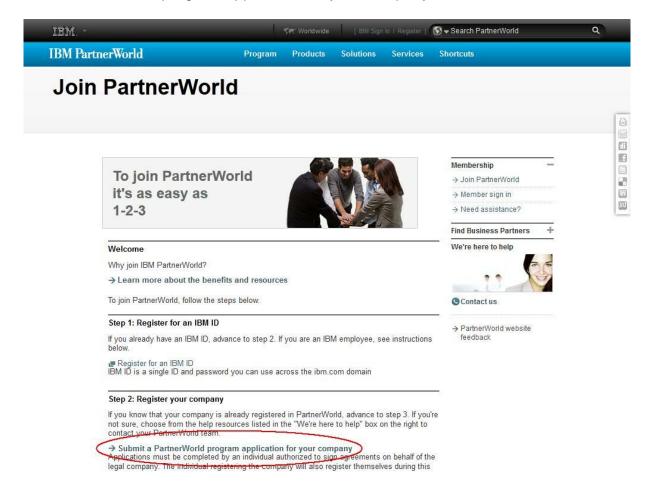
Evening phone:

Fax number:

Cell number:



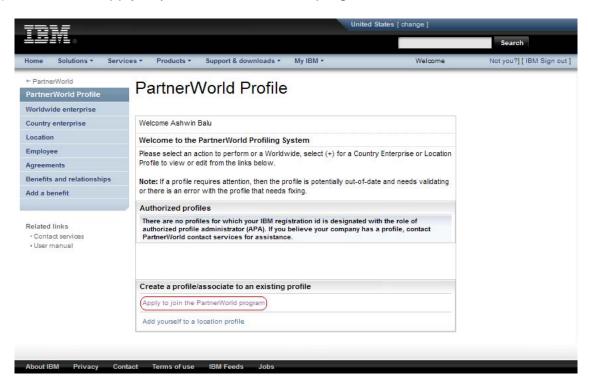
4) PartnerWorld Membership – Once you have an IBM ID, click "Submit a PartnerWorld program application for your company".



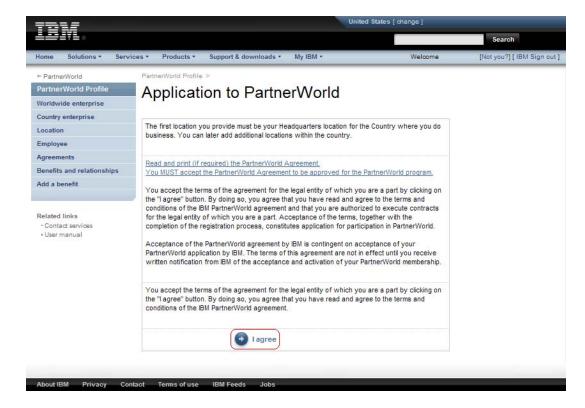
5a) Sign in using your IBM ID and password.



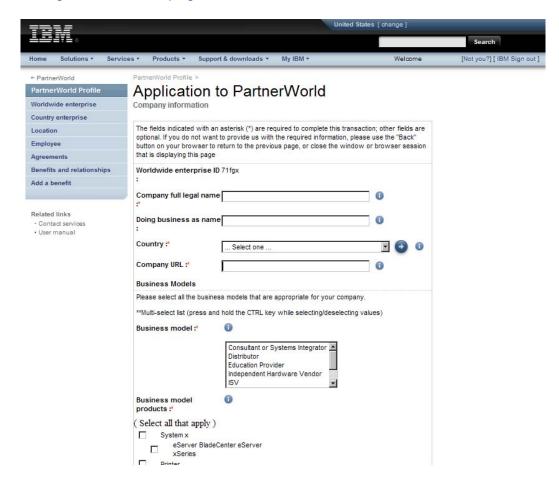
5b) Click on "Apply to join the PartnerWorld program".



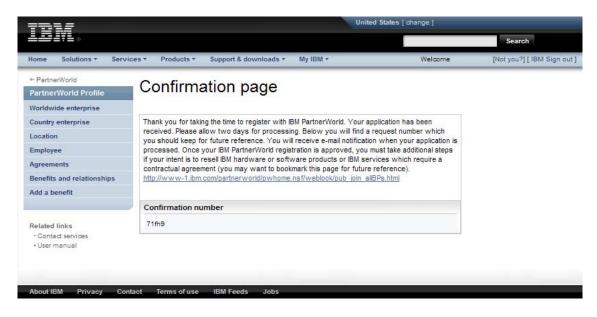
5c) Read the IBM PartnerWorld Agreement. If you agree to the terms specified in the agreement, click "I agree".



5d) PartnerWorld Application – Fill out all applicable information and click "Next" through the next two pages. At the end, click "Save".



6) When your registration is complete, you will see the confirmation screen below.



7) IMPORTANT: Please allow 24-48 hours from the date of the PartnerWorld registration until access is granted to the Global Solutions Directory (next step). If you would like to check the status of your application, please visit the "Contact PartnerWorld" page:

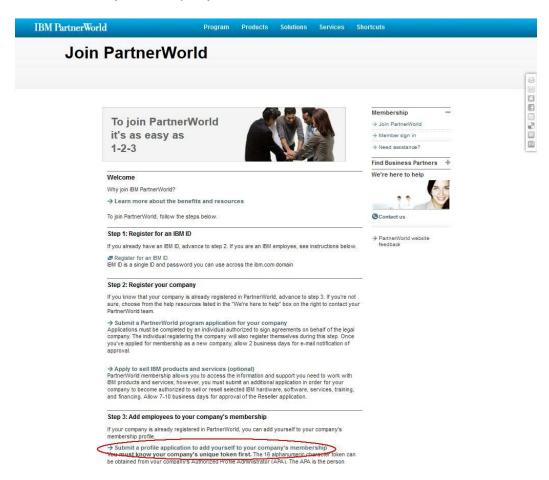
http://www.ibm.com/partnerworld/contact

Select your country and call the number provided. Press three when prompted so that you can discuss your PartnerWorld membership. Remember to have your membership ID handy. If you are having difficulty, please ask to speak with a member of "ISV Member Services".

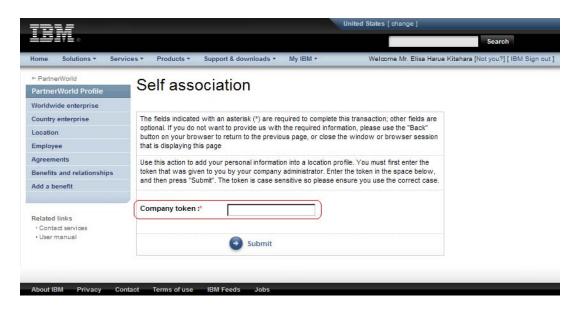
8) Add yourself to the Company Membership. Then, go back to the IBM PartnerWorld registration page:

www.ibm.com/partnerworld/join

Click on "Submit a profile application to add yourself to your company's membership". Note that you will need your company's unique token. This can be obtained from your company's Authorized Profile Administrator.



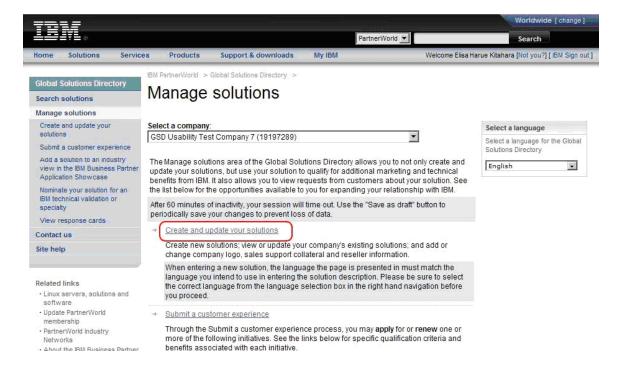
9) Making sure that you have your IBM ID and Company Membership #/token available to you, add yourself to the company that you have registered in PartnerWorld.



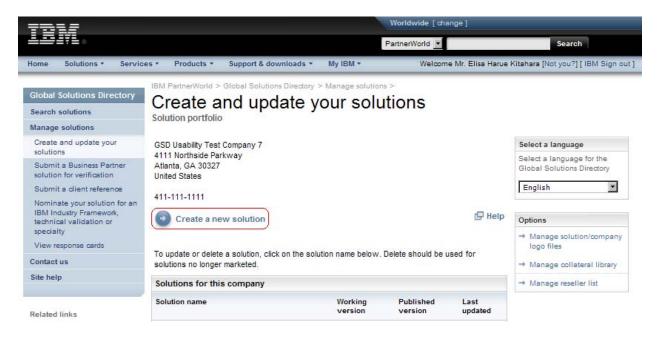
10) Log into the Global Solutions Directory.

http://www.ibm.com/partnerworld/gsd/logon.do

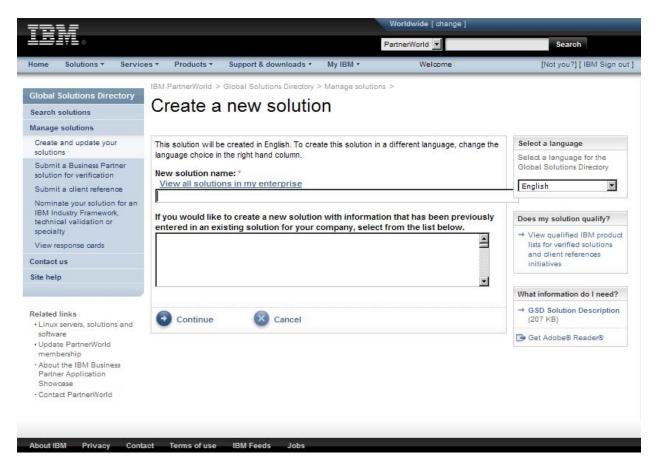
11) List your solutions – Select your company and then select "Create and update your solutions".



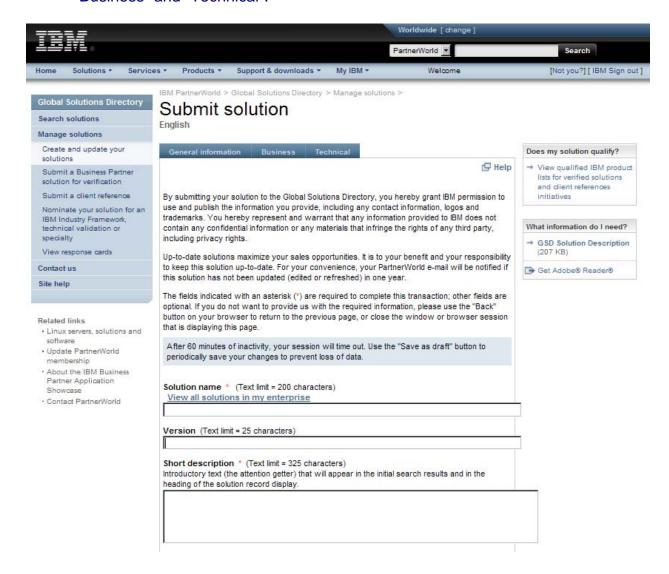
12) Create a new solution.



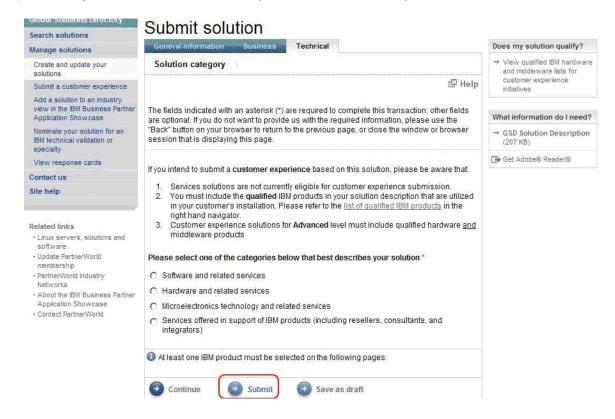
13) Enter the name of your solution and click "Continue".



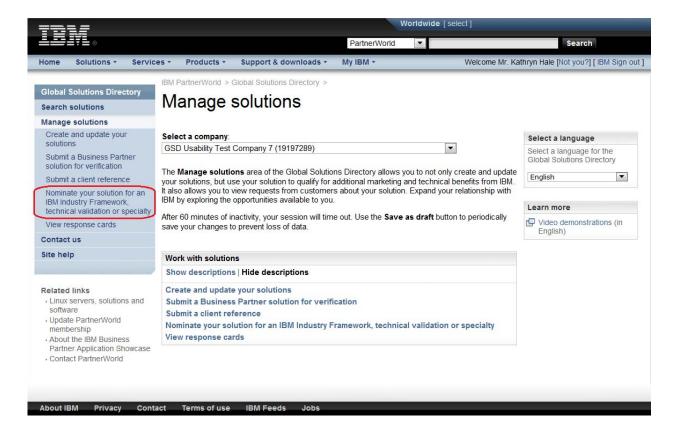
14) List all of the features of the solution in the categories "General Information", "Business" and "Technical".



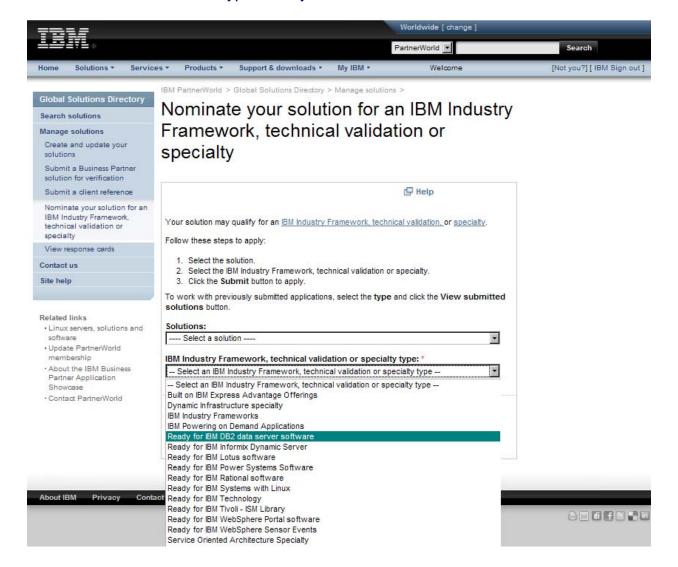
15) When you have listed all of the product information, press "Submit".



16) Nominate your solution for technical validation – Select "Nominate your Solution for an IBM technical validation".



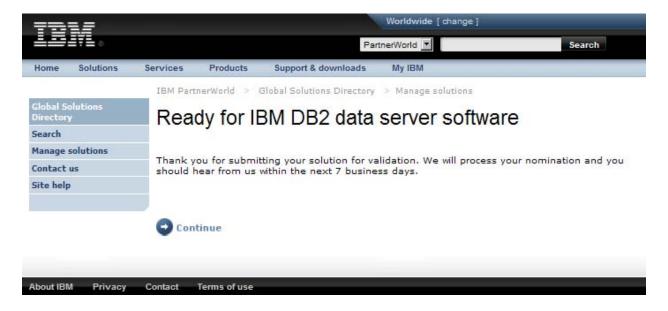
17) Nominate your solution – Select the solution that you would like to nominate. Select the validation type: Ready for IBM DB2 database software. Hit "Submit".



18) Review your solution – Look over the data listed for your solution. Fill in all extra required information. Hit "Submit".

 =			Worldwide [ch	ange]
		Pa	artnerWorld 🔻	Search
Home Solutions	Services Produc	cts Support & downloads	My IBM	
	IBM PartnerWorld	> Global Solutions Directory	> Manage solut	tions
Global Solutions Directory	Ready fo	r IBM DB2 data	server s	oftware
Search	(17)			
Manage solutions		our interest in Ready for IBM your company information b		r software. To apply for participation, Submit.
Contact us Site help		and make all the same an		
	GSD Usabili	ty Test Company 7		
	Location ID: Mailing addres	55:		19197289 4111 Northside Parkway Atlanta , Georgia 30327 United States
				411-111-1111 GSD Usability Test Company 7 http://www.ibm.com/solutions/isv Shiva Test Solution 42829
				yed above. If you would like to e member area and update your
	Project Cont	act Name:		
	Project Cont	act E-mail:		
	Project Cont	act Telephone:		
	Technical Cor	ntact Name:		
	Technical Cor	ntact E-mail:		

19) View the confirmation screen – Congratulations, you have now nominated your solution for the "Ready for IBM DB2 database software" validation program. The validation team will contact you shortly with the validation details. Thank you!



Technical Validation Overview

Part 1

The first part of the validation process involves gathering information about your company, your solution and your testing process. We do this through the ISV Validation Questionnaire (Appendix B). "Section B: Test Plan" is the most important section of the document. This section gives our validation staff an overview of how your application is tested internally. It allows us to ensure that your application is properly validated against the IBM DB2 data servers.

Part 2

The second part of the validation process involves the actual testing of the application and DB2 integration. The tester must perform the following steps:

- Install DB2 if it is not already installed. If you need an install image to perform your testing, please visit out download page at:
 https://www14.software.ibm.com/webapp/iwm/web/preLogin.do?lan=en_US&source=swg-dm-db2ese
- Once DB2 is installed, delete the files db2diag.log, db2eventlog.000

Where to *typically* find the db2diag.log files (they may be found in a different directory, depending on specified installation settings):

Windows Vista & Windows 7:

ProgramData\IBM\DB2\[Copy Name\]\DB2

Windows (2003 & XP):

Documents and Settings\All Users\Application Data\DB2\[Copy Name]

Linux/UNIX:

- [INSTHOME]/sqllib/db2dump
 [INSTHOME] stands for the home directory of the instance.
- Ensure that the DIAGLEVEL is set to 3 (the default)
 - The DB2 command is:
 DB2 UPDATE DBM CFG USING DIAGLEVEL 3
- Run the entire test suite (as outlined in "Section B: Component Test Plan Strategies" of the questionnaire)
- When the test suite is complete, please compress (zip file, tar file, winrar, etc) the log files

Part 3

The third part of the validation process involves providing the DB2 schema. This can be in the form of an image or a DDL file. You can generate the DDL for your database through the control center in 5 minutes. To generate DDL, please open the DB2 control center, right click on the database and select "Generate DDL".

When all three parts of the validation process have been completed, please send the schema, questionnaire and log files to validate@ca.ibm.com. If the files are too large and you are having problems sending them, please let us know and we will make extra accommodations.

Appendix: ISV Validation Questionnaire

Ready for





database software



Ready for IBM DB2 database software

ISV Application Validation Questionnaire



Please complete the questionnaire below and return it by:

• E-mail: validate@ca.ibm.com

• <u>Fax</u>: 845-489-9554

Once completed, the document will be considered confidential.

If you have questions regarding this questionnaire, please contact validate@ca.ibm.com

Section A: Questionnaire

1. Company Details

Company Name:			
Company Address:			
IBM Representative:			
IBM PartnerWorld ID:			
Company URL:			
Application URL:			
2. Contact for Inquiries Relating to this	Questionnaire		
First Name:	Last	Name:	
Job Title:			
E-mail Address			
Telephone:			
3. Supported Platforms			
Target client operating system(s):	☐ IBM AIX ☐ Sun Solaris ☐ Windows	Linux – Intel Linux – RISC Linux – zSeries	☐ HP-UX ☐ SCO ☐ Other
	If Other, please s	pecify. Otherwise, indic	ate OS version(s):
Target server hardware platform(s): (IBM Series, Compaq, HP, Sun, etc.)			
Target server operating system(s):	☐ IBM AIX ☐ Sun Solaris ☐ Windows	Linux – Intel Linux – RISC Linux – zSeries	☐ HP-UX ☐ SCO ☐ Other
Typical configuration of your database(s): (# of boxes, # of CPUs, # of RAM, # of disks, etc.)			
Additional comments:			

4. Application/Database Overview

Application name:				
Application version:				
Application GA date:				
DB2 version used:	□ 10.1	9.7	9.5	
DB2 fix pack used:				
DB2 features used:	Multi- High A Replic	Availability ation ation ression	ıre Storage	Continuous Data Ingest Row and Column Access Control LBAC Security Workload Management pureScale PL/SQL Support Sybase Compatibility
Primary function of the application:				
The database is installed:		before	he application (emlet the application is the application is in	installed
When is the database created:				
When are the database objects creat	ed:			
When does the application connect to database:	o the			
Does the application use other non-reor proprietary database technology:	elational	YES If YES, de	NO escribe in more detail:	
Application's architecture: (Host, Client-Server, N-Tier, etc.)				

4. Application/Database Overview (continued)

Is the application web-based:	If YES , list	NO the web technologies L JSP, CORBA, Web Serv	
Describe where the application interacts with the database: (ex. application source code files, batch)			
Databases currently supported: (include version numbers)			
Will users be notified if the application encounters a database related error:	□ YES	□ NO ow:	
Industries served by the application:	Govern	on al Markets ment :are & Life Sciences	Manufacturing Media & Entertainment Retail Telecommunications Travel & Transportation Wholesale
Additional comments:			

5. Database Characteristics

Database name(s):	
Average size of database: GB	Largest known DB size: GB
Is more than one database used by the application:	☐ YES ☐ NO If YES, describe how:
How many tables are defined in the database:	
Is data pre-loaded into the database:	☐ YES ☐ NO If YES, describe how:
Does the application import or export data:	☐ YES ☐ NO If YES, describe how:
Additional comments:	
6. Database Objects	
Are stored procedures used: Are user defined functions (UDFs) used: Does the application import or export data: Additional comments:	□YES □NO □YES □NO □YES □NO

7. Components / Modules of this Application – Functional Areas

Please describe the components and/or modules of this application.

	Component Name (billing, inventory, sales, etc.)	Programming Language(s) (C++, Java 1.3.1, Perl, etc.)
1.		
2.		
3.		
4.		
5.		
6.		
7.		
8.		
9.		
10.		
Additi	onal comments:	

8. Database Interface

Plea	ase describe the interfa	ices that a	re used to interact with	h the database.
	(Embedded-SQL, JDBC	Interface , Perl, .NET	e , Stored Procedures, etc.)	Type / Version)
1.				
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
Addi	tional comments:			
9. A c	lditional Components a	nd Tools		
	Front/Back-End		Middleware	Tools/Compilers/Libraries

Section B: Component Test Plan Strategies

Section B describes the basic testing strategy for each component described in section 7. If a specific type of testing does not relate to the component, fill in the row value with "N/A". Please include as much detail as possible.

<u>IMPORTANT – Please note:</u> This is only a *suggested* format for your test plans based on QA testing principles. If your test plan or testing documents are already written out in a different format, you can send that in replacement of this section.

replacement of this section.	
Testing Descriptions	
Component functional description	Please describe the exact function and features of the component. Attach screenshots if necessary.
Interaction with DB2	Please describe the type of information stored in DB2 that this component accesses (ex. user information, transactional information, etc). If it is a relatively small database, list the tables accessed. Briefly describe typical calls made to DB2. Include some sample queries.
Component overall test strategy	Please include any type of testing you are performing on this component. Example: basic ad hoc, performance, integration or destructive testing.
Comments	

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Comments	



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