The Complete Guide

Validate your application with Ready for IBM Informix database software

Ready for

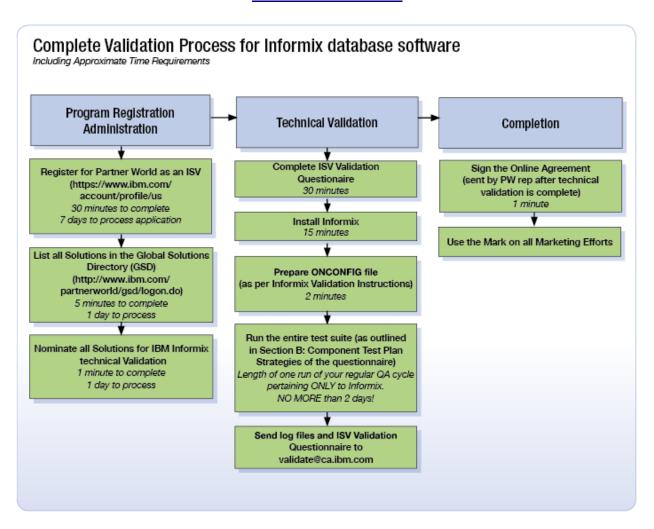


database software

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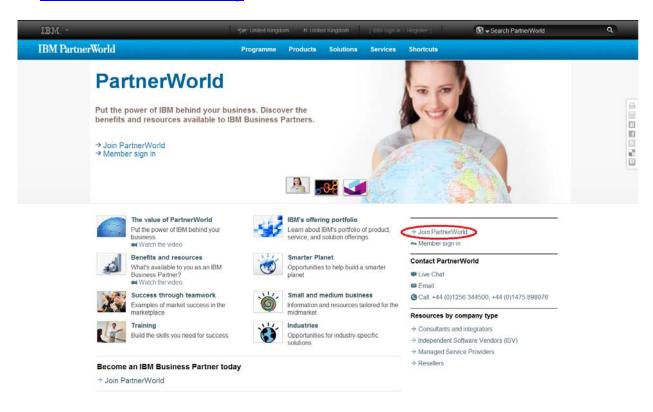
Process Overview



Validation Registration

Signing up for PartnerWorld as an ISV

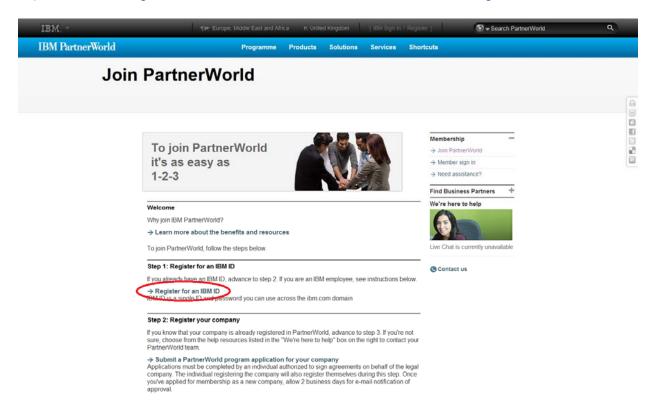
1) Visit the Ready for IBM Informix database validation page hosted by PartnerWorld at www.ibm.com/isv/data/ready and click on "Join Partnerworld".

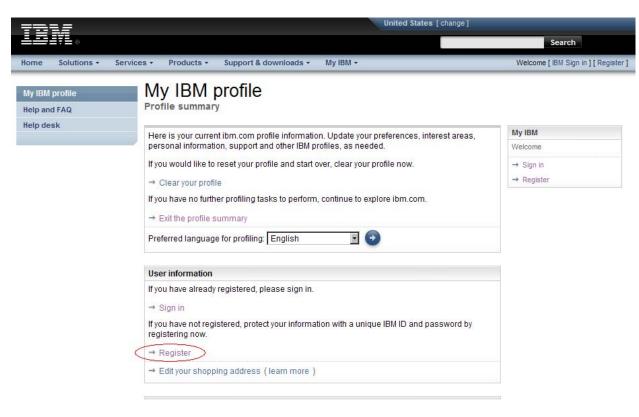


2) Determing if your company has an IBM ID.

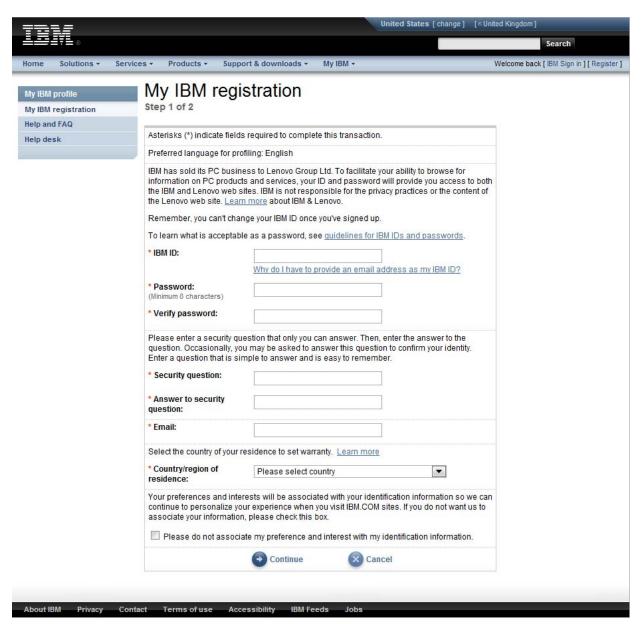
If you need to create an IBM ID, continue to step 3a. If you already have an IBM ID, skip to step 4.

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

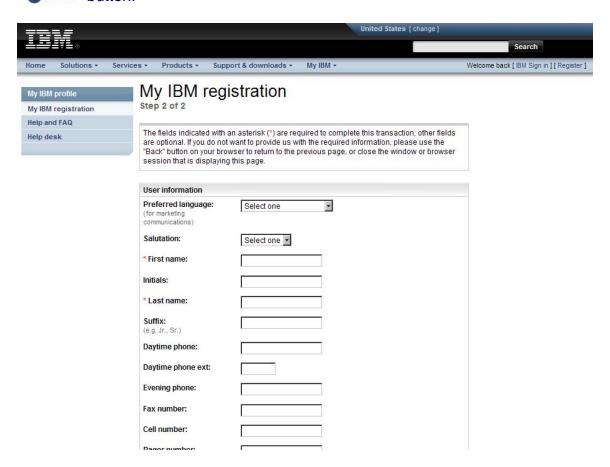




3b) Enter Information – IBM ID, password, security, question and country. When you have finished entering this information, click the • continue button.



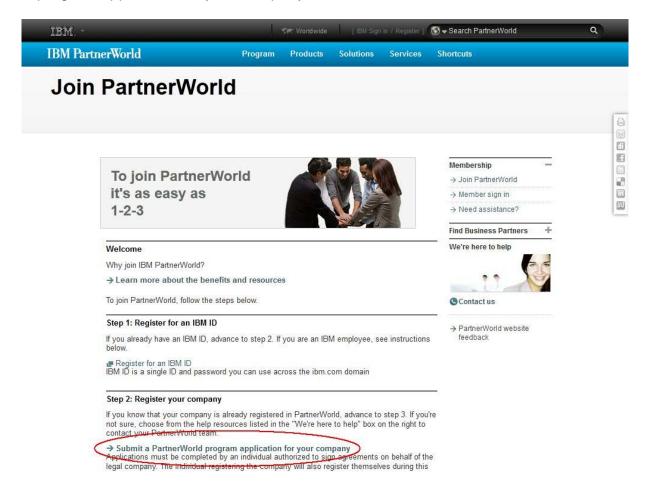
3c) Enter the requested information. When you have finished, click on the submit button.



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



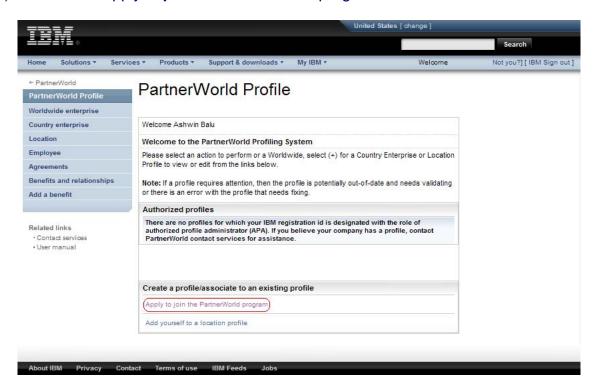
4) PartnerWorld Membership – Once you have an IBM ID, click "Submit a PartnerWorld program application for your company".



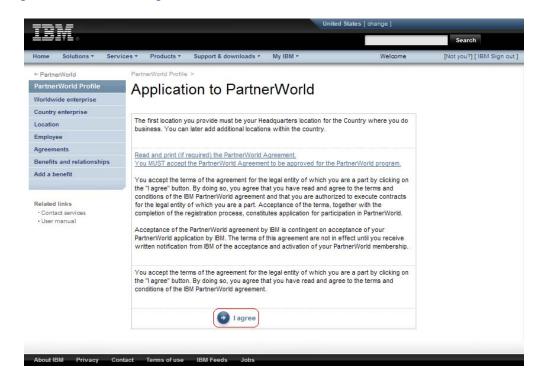
5a) Sign in using your IBM ID and password.



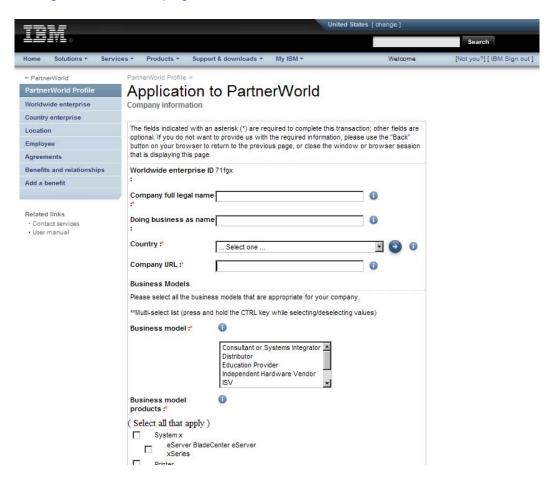
5b) Click on "Apply to join the PartnerWorld program".



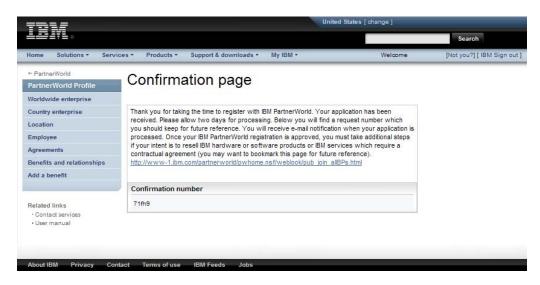
5c) Read the IBM PartnerWorld Agreement. If you agree to the terms specified in the agreement, click "I agree".



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:

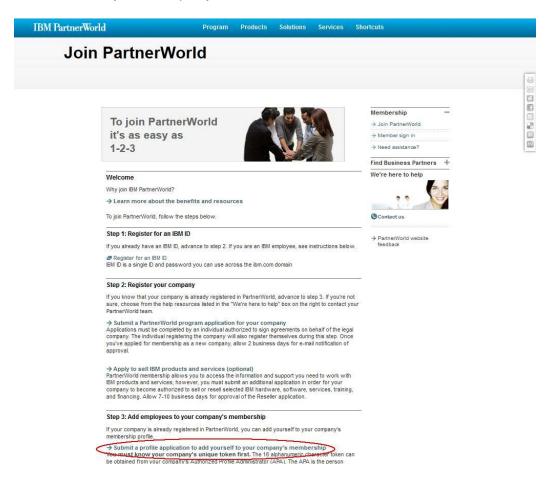
http://www.ibm.com/partnerworld/contact

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".

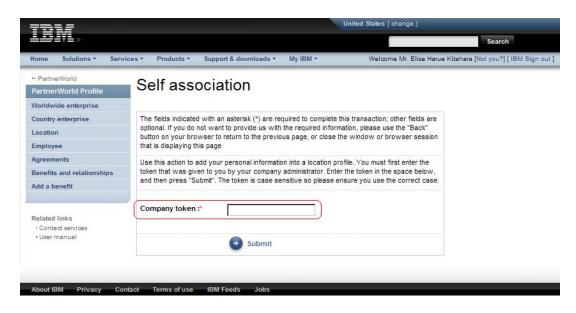
8) Add yourself to the Company Membership. Then, go back to the IBM PartnerWorld registration page:

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.



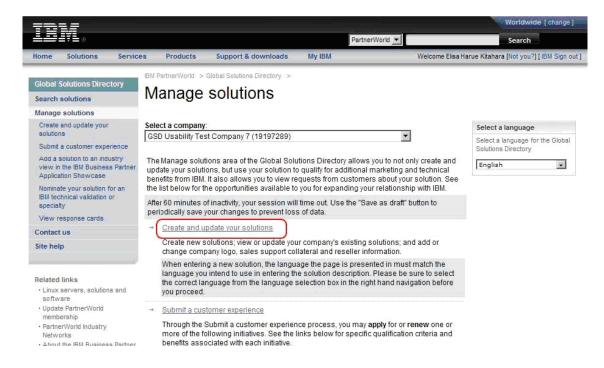
9) Making sure that you have your IBM ID and Company Membership #/token available to you, add yourself to the company that you have registered in PartnerWorld.



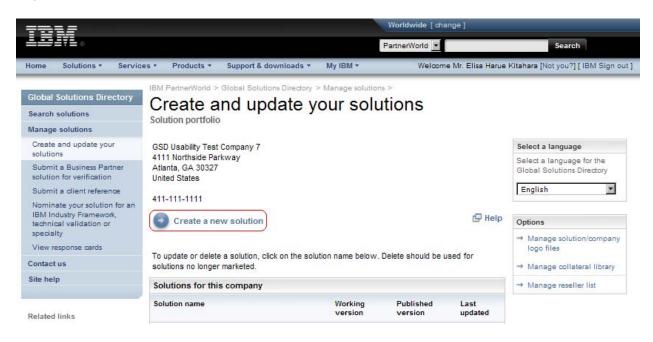
10) Log into the Global Solutions Directory.

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

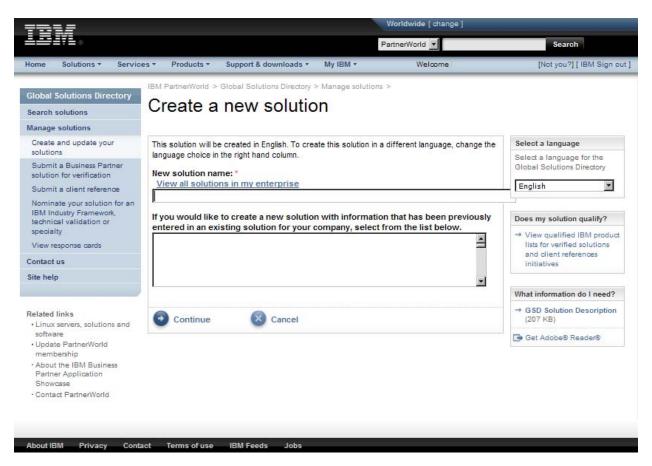
11) List your solutions – Select your company and then select "Create and update your solutions".



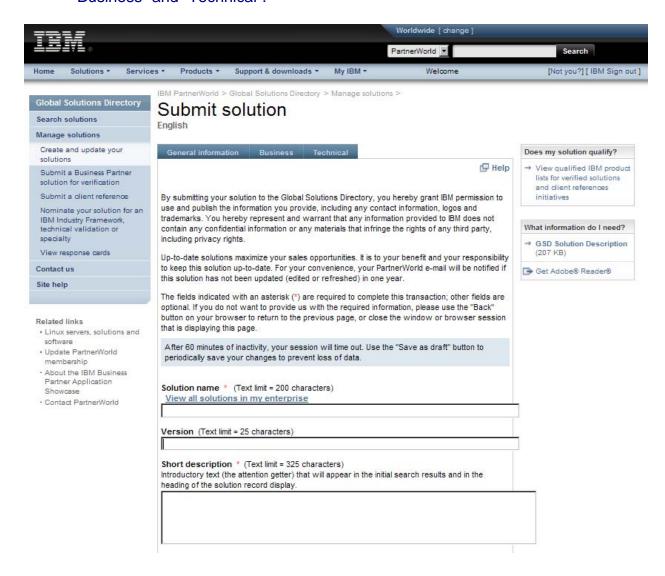
12) Create a new solution.



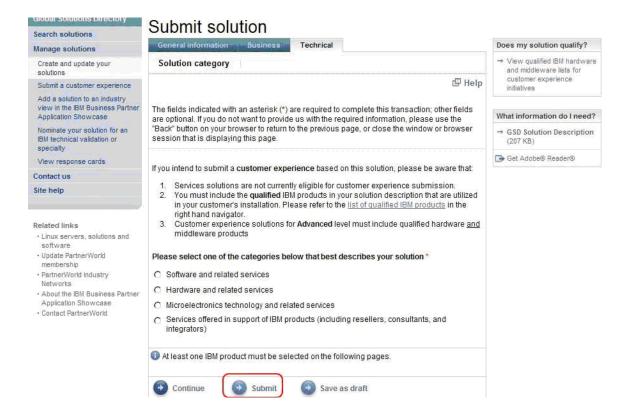
13) Enter the name of your solution and click "Continue".



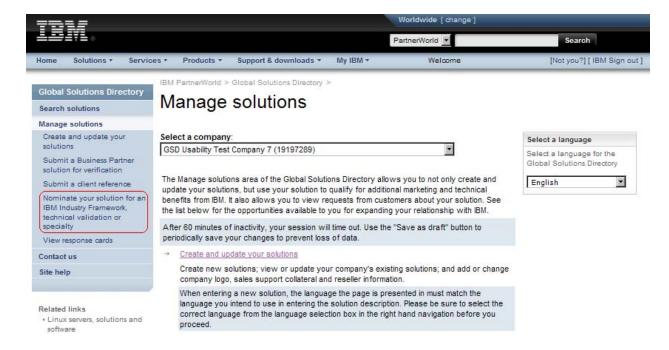
14) List all of the features of the solution in the categories "General Information", "Business" and "Technical".



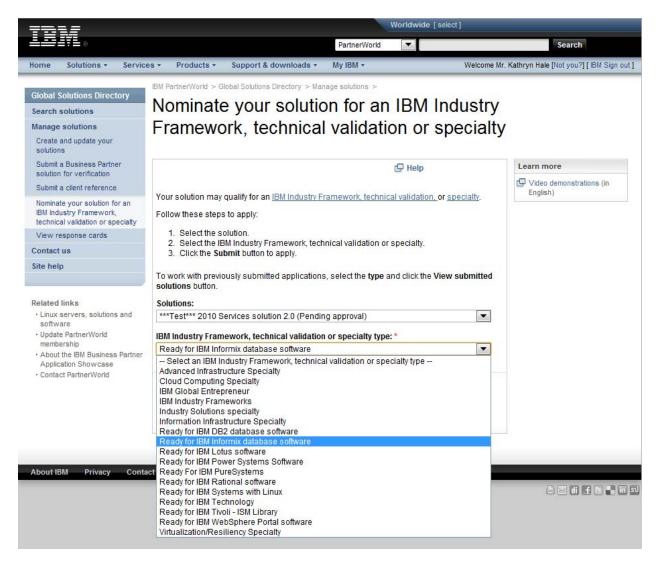
15) When you have listed all of the product information, press "Submit".



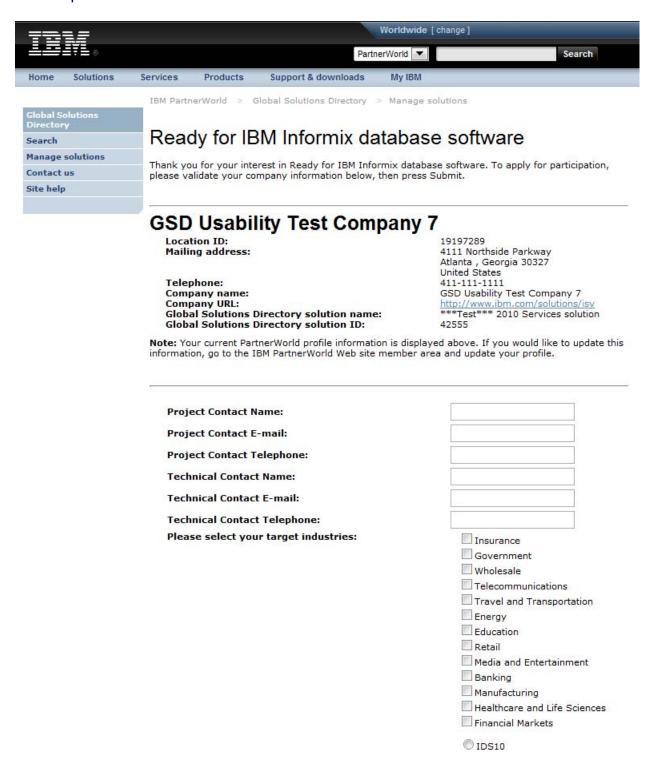
16) Nominate your solution for technical validation – Select "Nominate your Solution for an IBM technical validation".



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



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



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



Technical Validation Overview

- 1. Prepare a directory for capturing diagnostics information: Create a fresh directory or delete all log files in the directory if an existing one is used.
- 2. Set the following parameters in ONCONFIG file before bringing up Informix database. The file onconfig.std can be used as the template.

MSGPATH /work1/stat/online.log

DUMPDIR /work1/stat

DUMPSHMEM 1

BAR_ACT_LOG /work/stat/bar_act.log BAR_DEBUG_LOG/work/stat/bar_debug.log

3. Copy the ONCONFIG file and environment variable information to the directory where diagnostics information is stored. Put the environment variable information, such as \$INFORMIXDIR, \$INFORMIXSERVER, etc, in a file (instance.env in this example) before copying.

cp \$INFORMIXDIR/etc/\$ONCONFIG /work1/stat/cp instance.env /work1/stat/

- 4. Run the entire test suite (as outlined in section B: Component Test Plan Strategies of the questionnaire)
- 5. Capture the output of "onstat –a" command to the directory where diagnostics information is stored, before Informix is brought down.

For example, in bourne shell, execute "onstat –a >/work1/stat/onstat.log 2>&1"

6. When the test suite is complete, please compress (zip file, tar file) all the files under /work1/stat/ and send them to validate@ca.ibm.com

Appendix: ISV Validation Questionnaire

Ready for





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Ready for IBM Informix 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 ☐ Linux – Intel ☐ HP-UX ☐ Sun Solaris ☐ Linux – RISC ☐ SCO ☐ Windows ☐ Linux – zSeries ☐ Other	
	If Other , please specify. Otherwise , indicate OS version(s):	
Target server hardware platform(s): (IBM Series, Compaq, HP, Sun, etc.)		
Target server operating system(s):	☐ IBM AIX ☐ Linux – Intel ☐ HP-UX ☐ Sun Solaris ☐ Linux – RISC ☐ SCO ☐ Windows ☐ Linux – zSeries ☐ Other	
Typical configuration of your database((# of boxes, # of CPUs, # of RAM, # of disk		
Additional comments:		

4. Application/Database Overview

Application name:	
Application version:	
Application GA date:	
Informix version used:	
Informix fix pack used:	
Primary function of the application:	
The database is installed:	with the application (embedded install) before the application is installed after the application is installed
When is the database created:	
When are the database objects created:	
When does the application connect to the database:	
Does the application use other non-relational or proprietary database technology:	☐ YES ☐ NO If YES, describe in more detail:
Application's architecture: (Host, Client-Server, N-Tier, etc.)	

4. Application/Database Overview (continued)

Is the application web-based:	☐ YES ☐ NO If YES, list the web technologies used: (EJB, ASP, JSP, CORBA, Web Services, Other)	ther)
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 If YES, how:	
	ii TLS , now.	
Industries served by the application:	☐ Education ☐ Me ☐ Energy ☐ Re ☐ Financial Markets ☐ Te ☐ Government ☐ Tra	anufacturing edia & Entertainment etail lecommunications avel & Transportation holesale
Additional comments:		

5. Database Characteristics

Average size of database: GB Largest known DB size:	ЭВ
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: 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:	

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.		
Addi	tional comments:	

8. Database Interface

Please describe the interfaces that are used to interact with the database.			
	(Embedded-SQL, JDBC,	Interface Perl, .NET, Stored Procedures, etc.)	Type / Version
1.			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
10.			
Addi	tional comments:		
9. A d	lditional Components ar	nd Tools	
	Front/Back-End	Middleware	Tools/Compilers/Libraries

Section B: Component Test Plan Strategies

Please provide a description for each component or module of the application (components described in Question 7 of this questionnaire) that is interactive with the IBM Informix databases. This section describes the **basic** testing strategy for each component. The types of testing discussed in this overview are: smoke testing, functional testing, integration testing, performance testing, and destructive testing. If a specific type of testing does not relate to the particular component, fill in the value with "N/A".

<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.

Interactive Component Testing Descriptions Function Interaction with Informix Component overall test strategy Component smoke testing and expected results **Component functional** testing and expected results **Component integration** testing and expected results Component performance testing and expected results **Component destructive** testing and expected results

Comments

Function	
Interaction with Informix	
Component overall test strategy	
Component smoke testing and expected results	
Component functional testing and expected results	
Component integration testing and expected results	
Component performance testing and expected results	
Component destructive testing and expected results	
Comments	

Function	
Interaction with Informix	
Component overall test strategy	
Component smoke testing and expected results	
Component functional testing and expected results	
Component integration testing and expected results	
Component performance testing and expected results	
Component destructive testing and expected results	
Comments	

Function	
Interaction with Informix	
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Component integration testing and expected results	
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