The Complete Guide

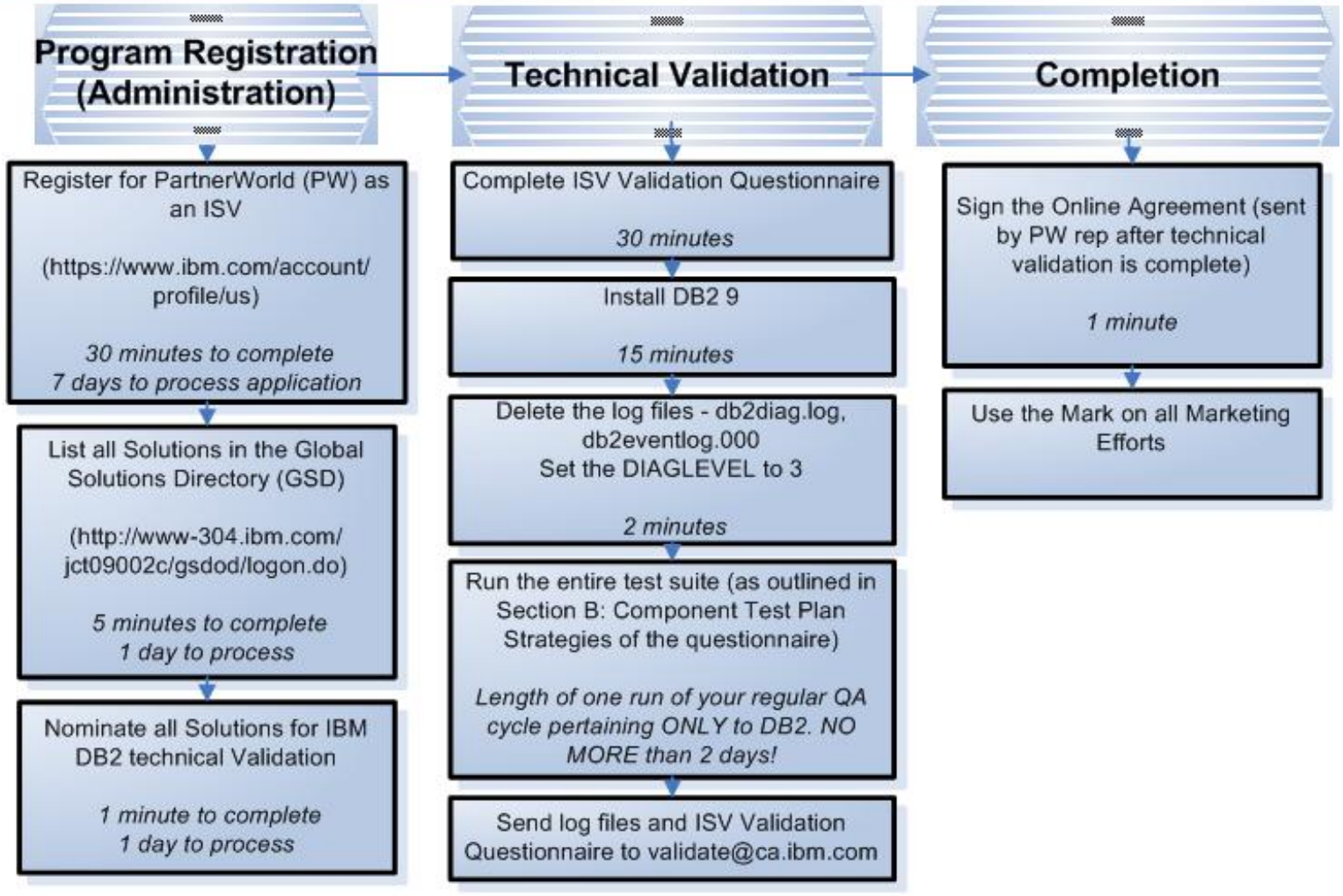
Getting your Application validated with
Ready for IBM DB2 data server software

Table of Contents

Process Overview	3
Validation Registration (Administration)	3-23
Signing up for PartnerWorld as an ISV	4
Logging into the GSD	16
Listing your solution(s) in the GSD	16
Nominating your solutions	20
Technical Validation Overview	24
Appendices	25

Complete Validation Process for DB2 9

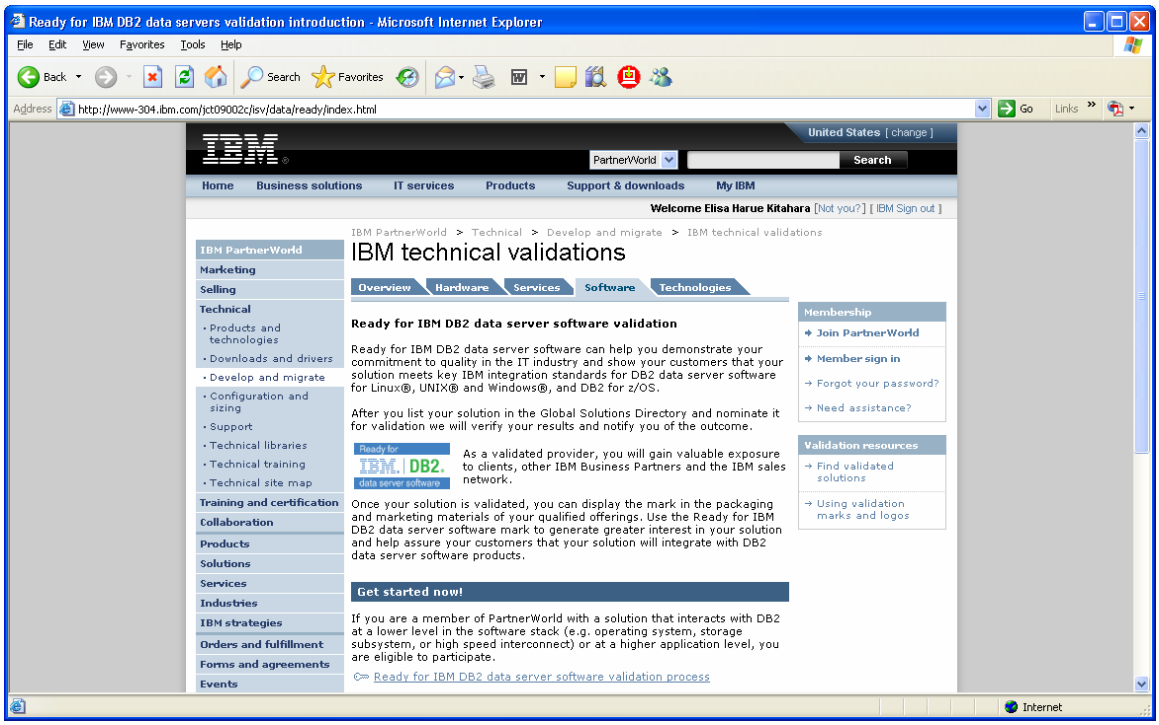
Including Time Requirements



Using Partner World to validate your IBM DB2 data server product

1) Visit the Ready for IBM DB2 data servers validation page hosted by Partner World

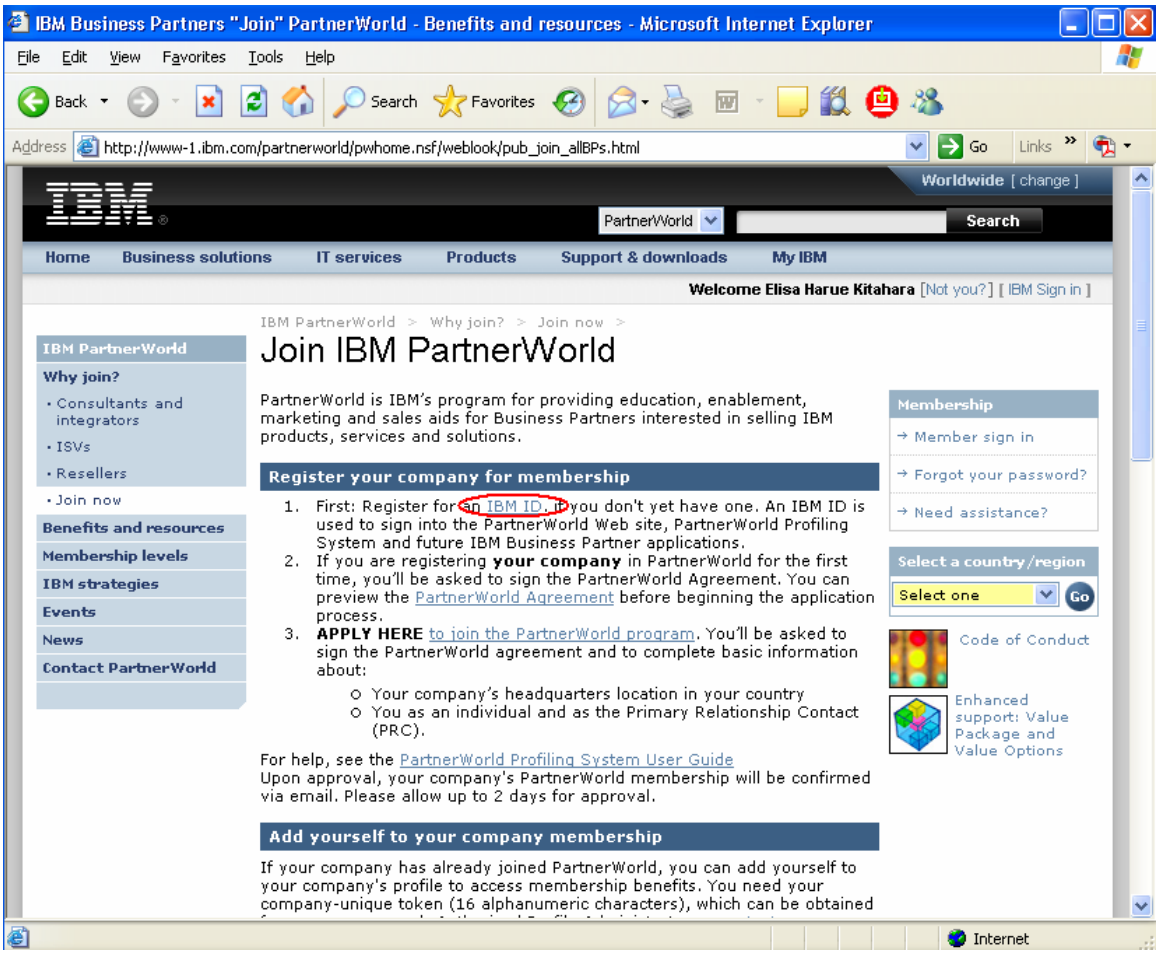
- **http://www-304.ibm.com/jct09002c/isv/data/ready/index.html**



2) **To view the validation process outline, you must first become a Partner World Member. Click the red outlined link below to start the process.**

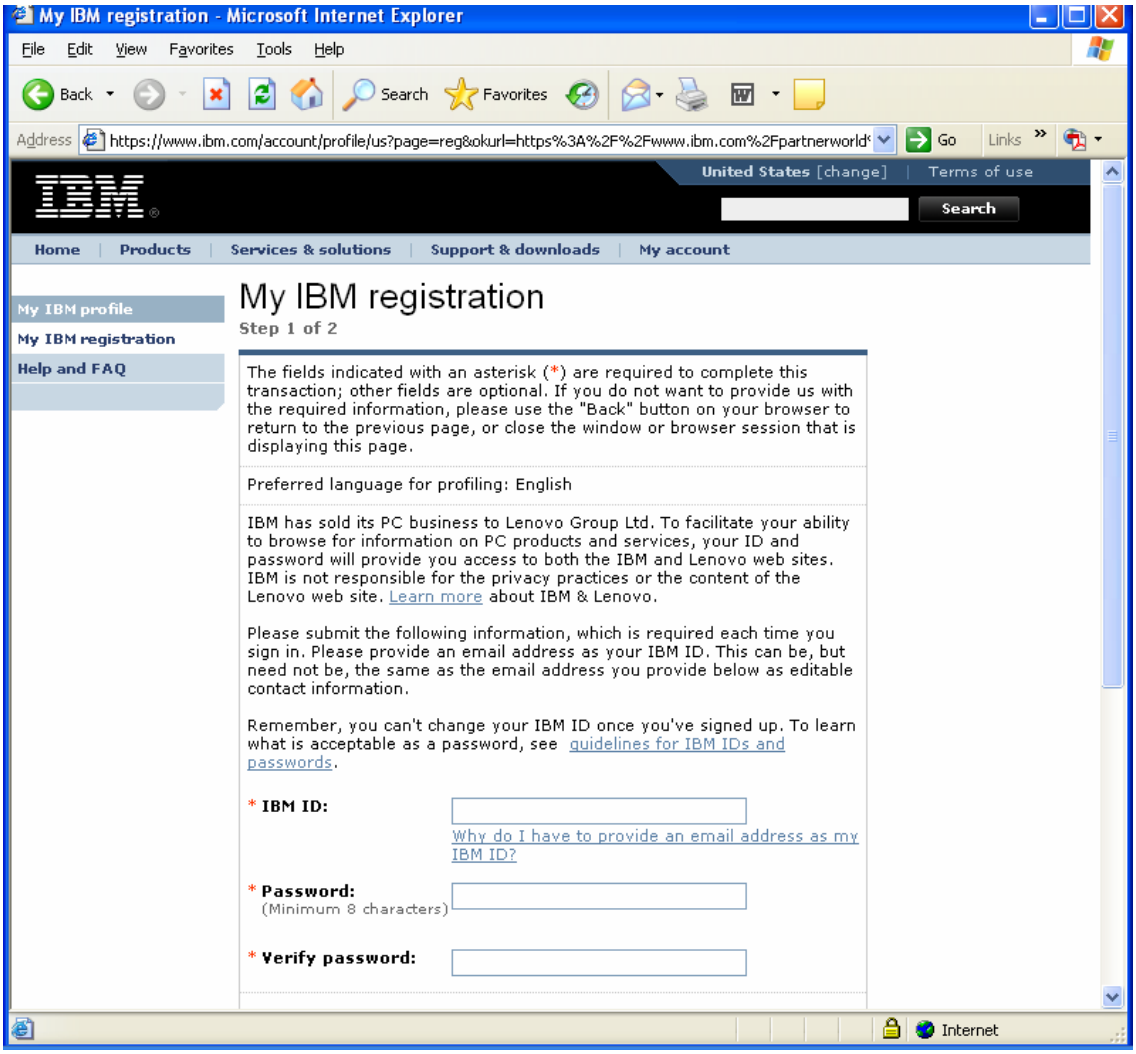
3) **When you enter the Partner World website (from the link in step 3), figure out if your company has an IBM ID. If you need to create an IBM ID, move to step 3a. If you have an IBM ID already then move to step 4 and register your company for a membership as an ISV.**

   a. **Create an IBM ID**

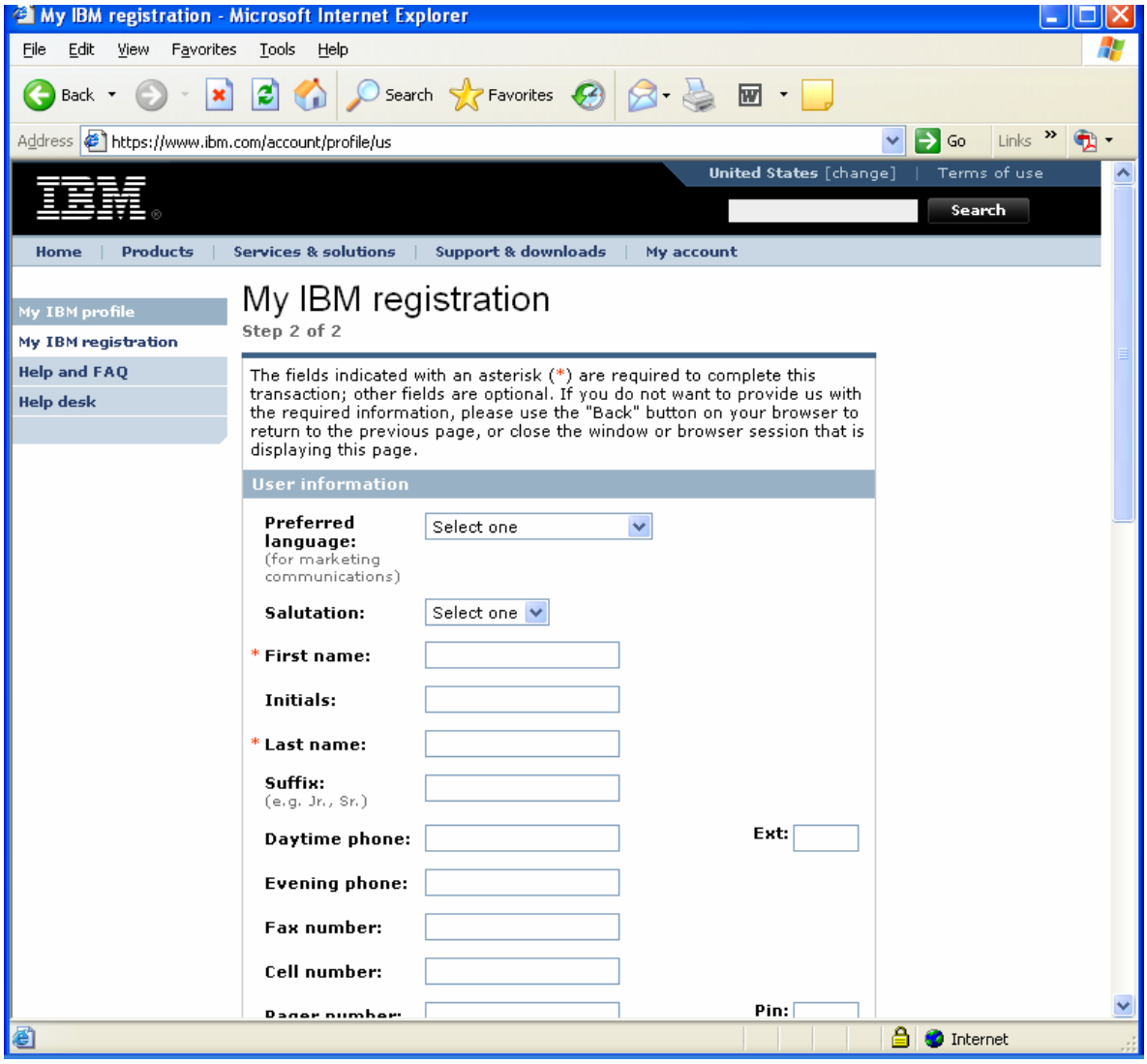


b) Enter Information – IBM ID, password, security question, country.

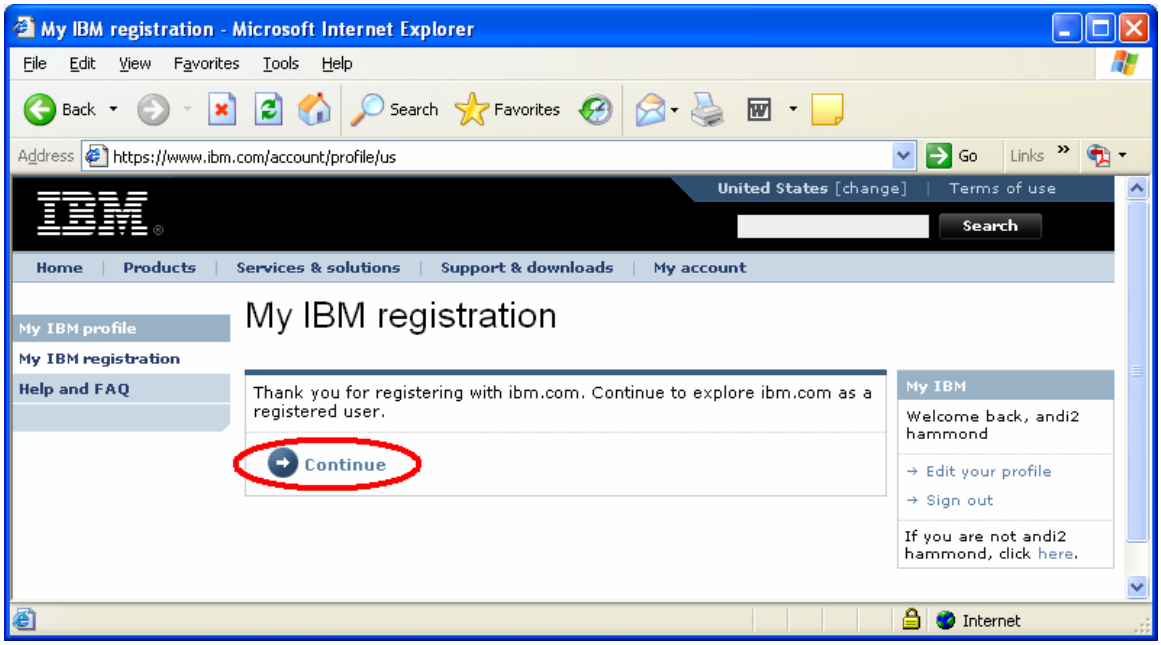
When you have finished entering this information, select Continue



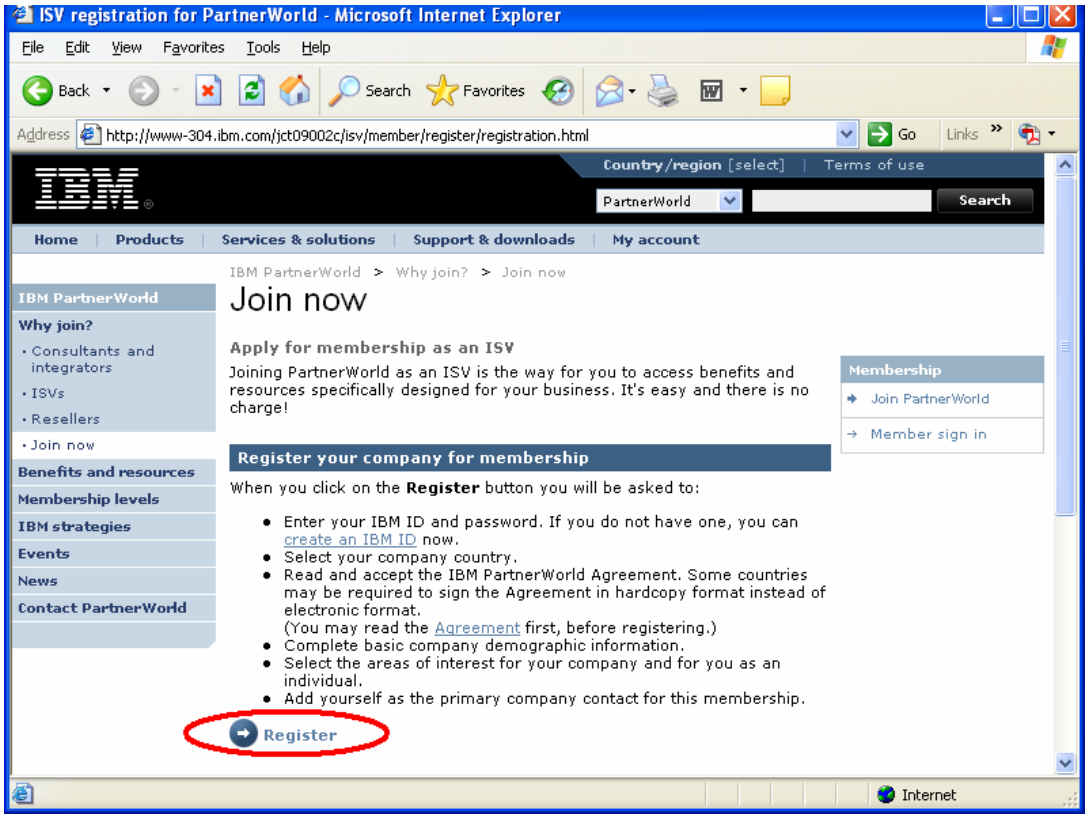
c) Enter Information – Personal Information. When you have finished entering this information, select Submit



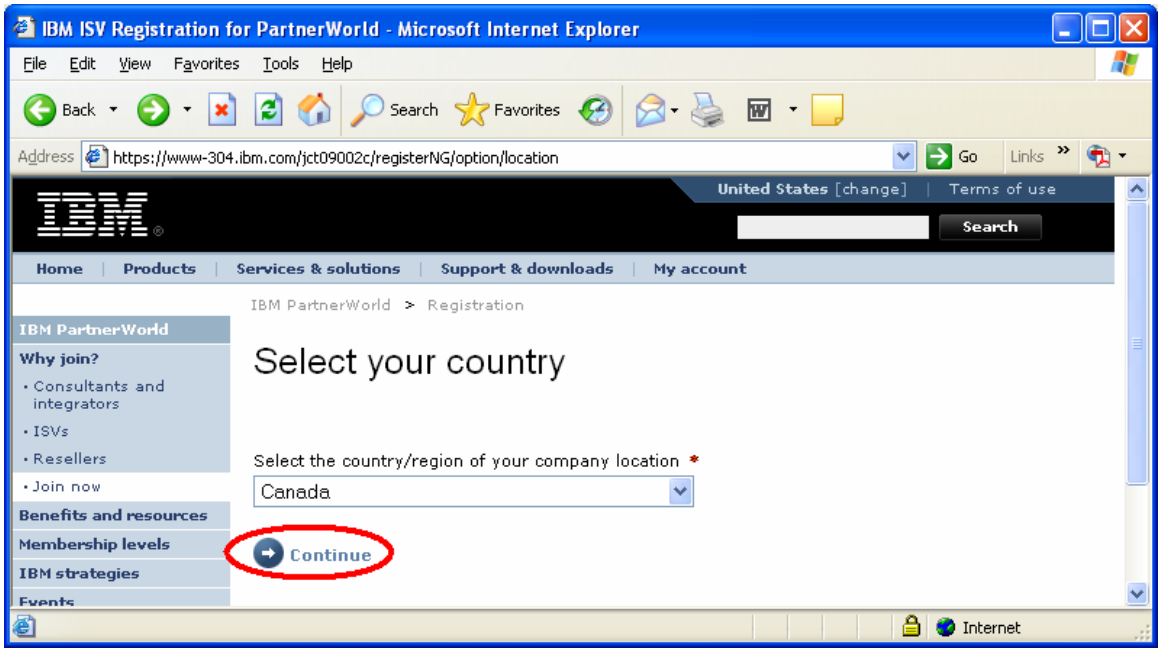
c) Navigation back to the main page. When you have finished submitting your IBM Registration, select 'Continue'. This will take you back to apply for a Partner World membership.



4) **<u>Partner World Membership</u> - If you did not have to register your company for an IBM ID, then click the link below to apply for a membership as an ISV.**

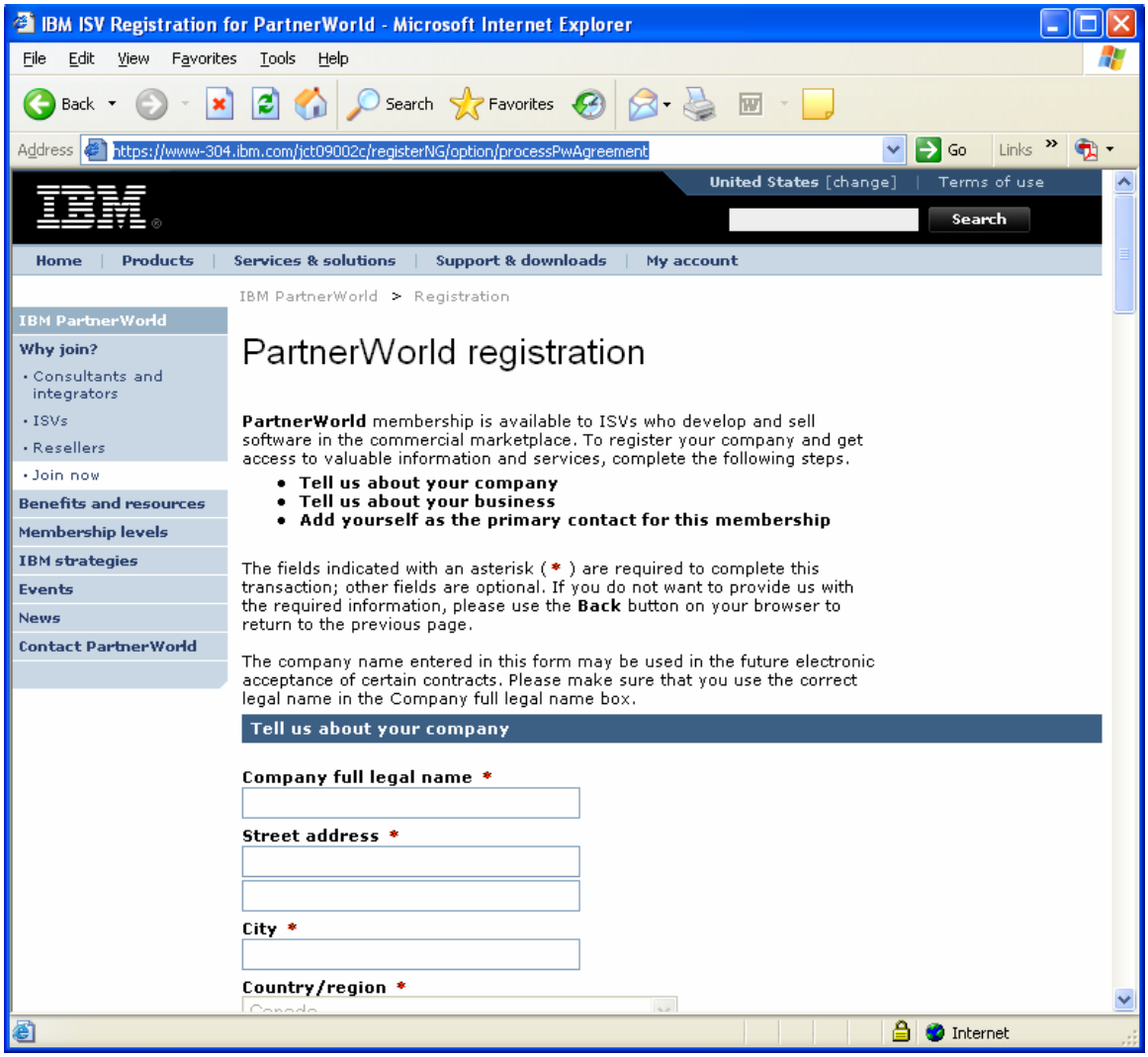


a) Select your Country



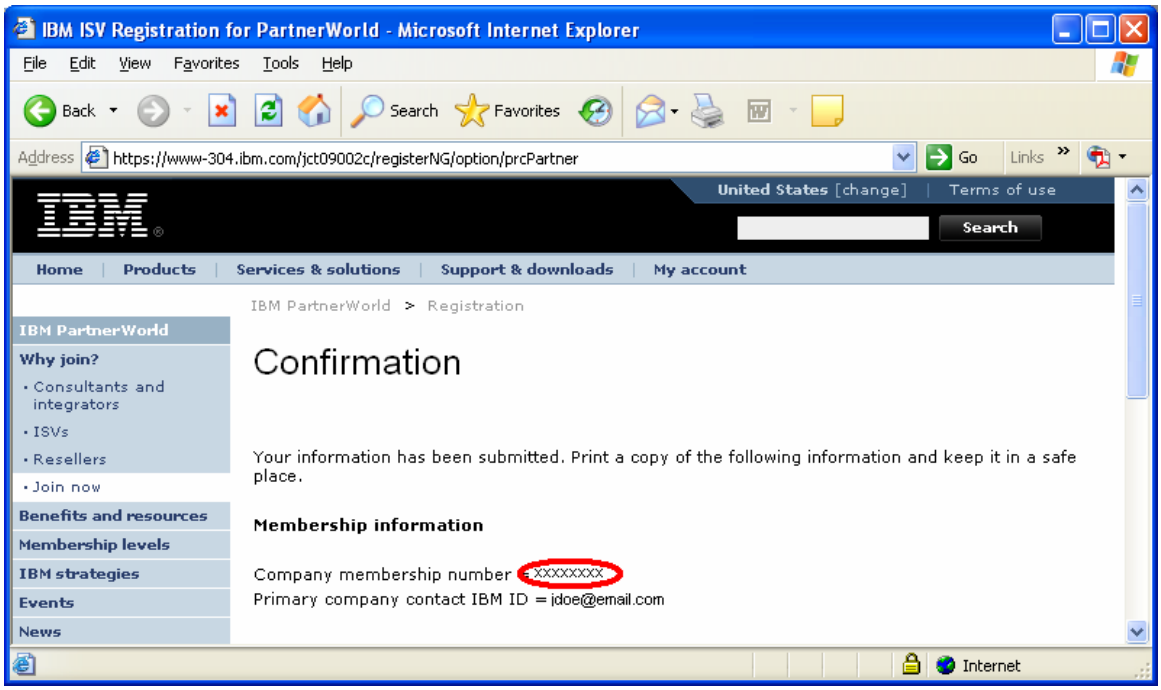
b) Read the IBM PartnerWorld Agreement – International Basic General Terms. If you agree to the terms specified in the agreement. Click 'I agree'.

c) Partner World Registration – Fill out all applicable information about the company, business and primary contact.



When your registration is complete, you will see your confirmation screen as below. The confirmation screen that you see will display your companies' relevant details.

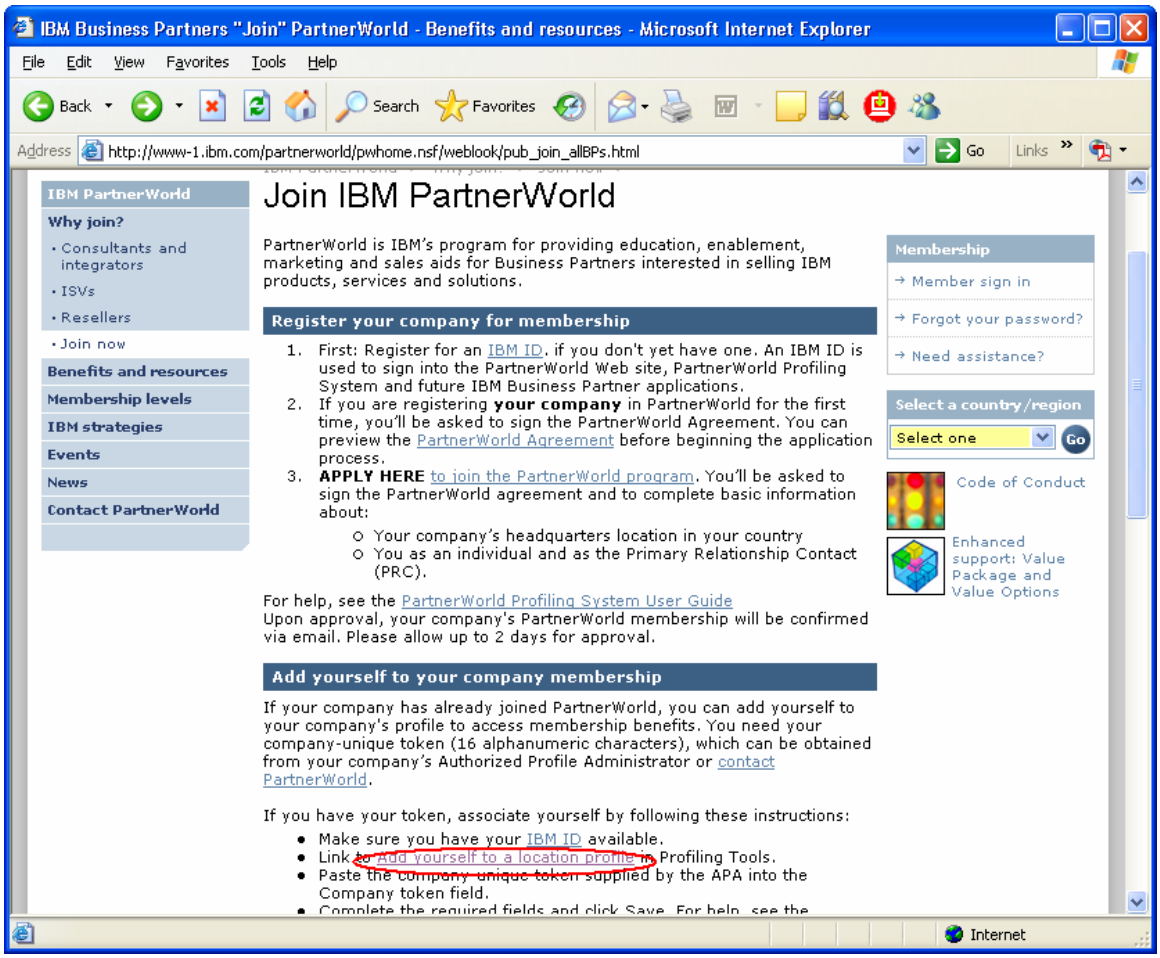
IMPORTANT: Take note of your Company membership number. You will need it to add yourself to the company membership later



5) **Add yourself to the Company Membership – Go back to the IBM PartnerWorld registration page:**

http://www-304.ibm.com/jct09002c/isv/member/register/registration.html

Click on "Add yourself to a location profile"

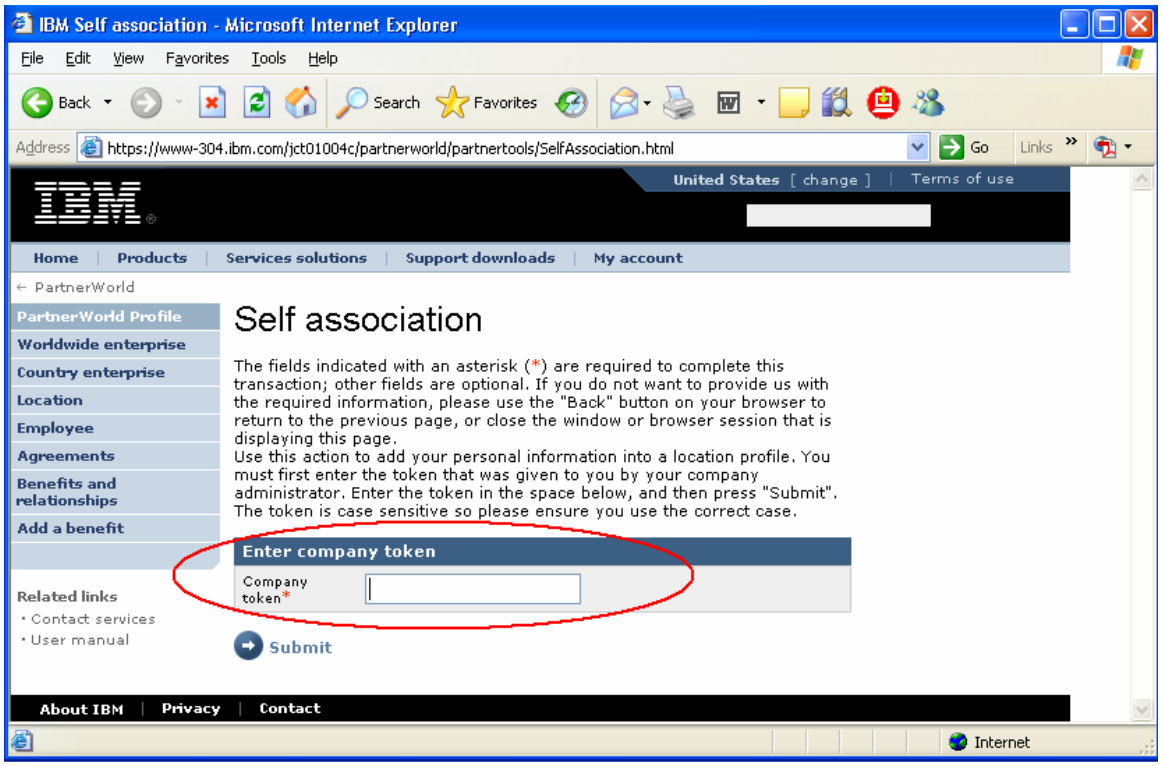


6) **Make sure that you have your IBM ID and Company Membership #/token available to you.**

IBM ISV Registration for PartnerWorld - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites
Address https://www-304.ibm.com/jct09002c/registerNG/option/addContact
Go Links
United States [change] Terms of use
Search
Home Products Services & solutions Support & downloads My account
IBM PartnerWorld > Registration
IBM PartnerWorld
Why join?
• Consultants and integrators
• ISVs
• Resellers
• Join now
Error
You are attempting to register yourself, and you are already registered. Please go to Update contact profile if you need to make changes to your profile or associate yourself with another company.
Internet

8) Add yourself to the company that you have registered in PartnerWorld

When you are finished, select Submit



9) IMPORTANT: Please allow 24-48 hours from the date of 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:

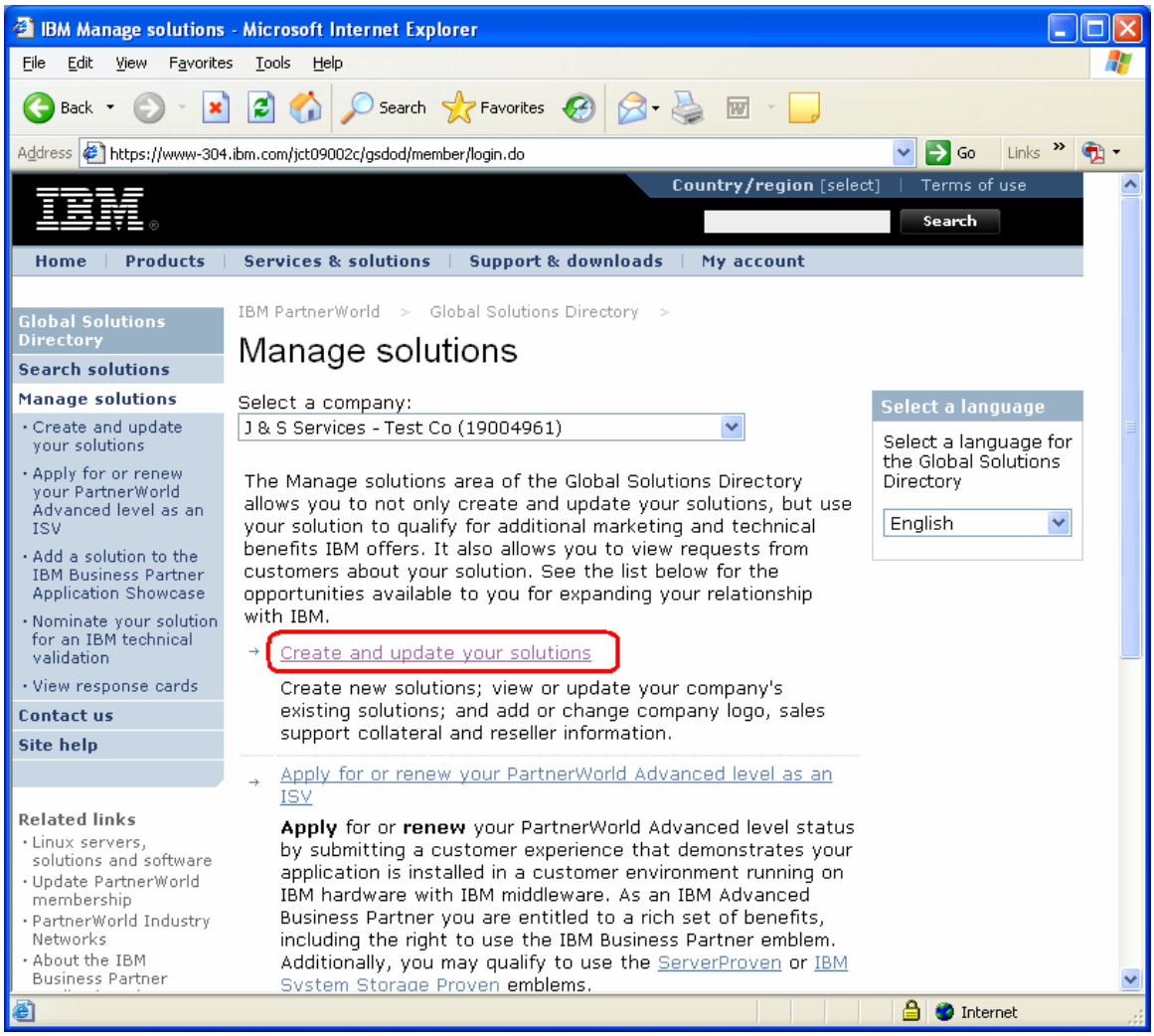
http://www-1.ibm.com/partnerworld/pwhome.nsf/weblook/cpw_index.html

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'.

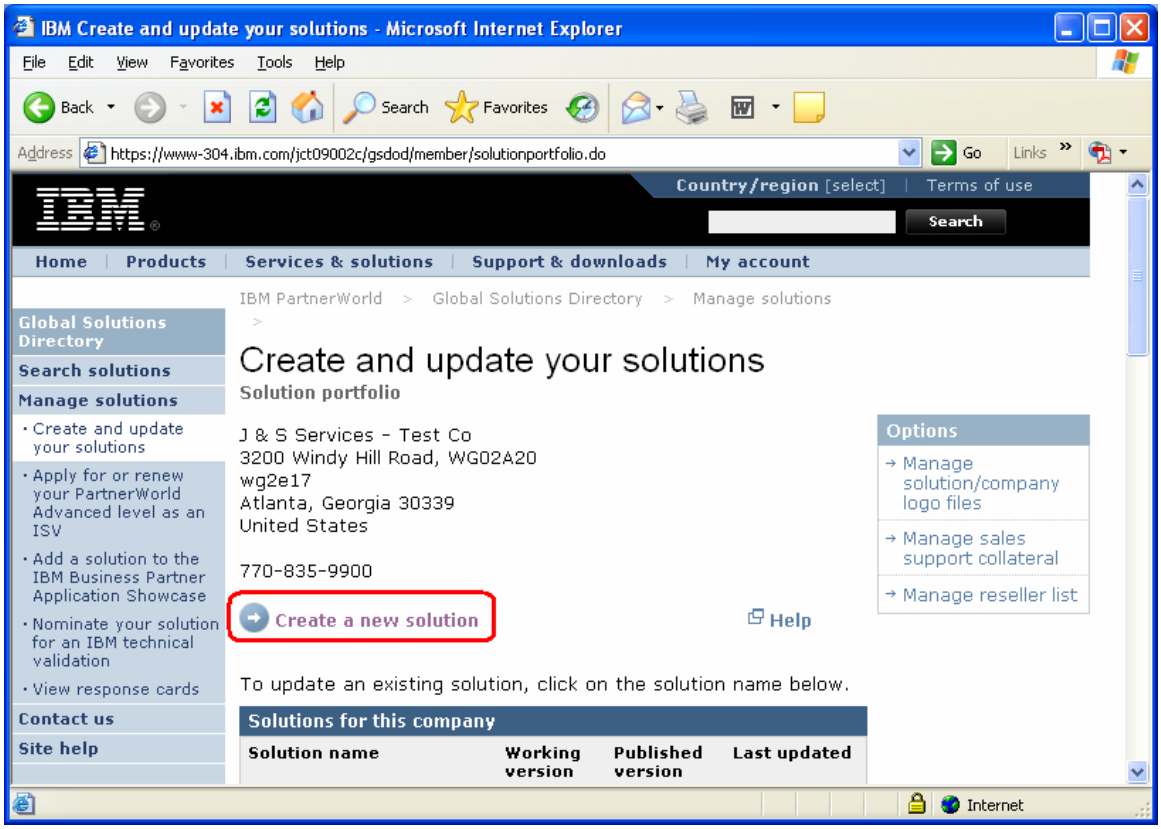
10) Sign into the Global Solutions Directory

http://www-304.ibm.com/jct09002c/gsdod/logon.do

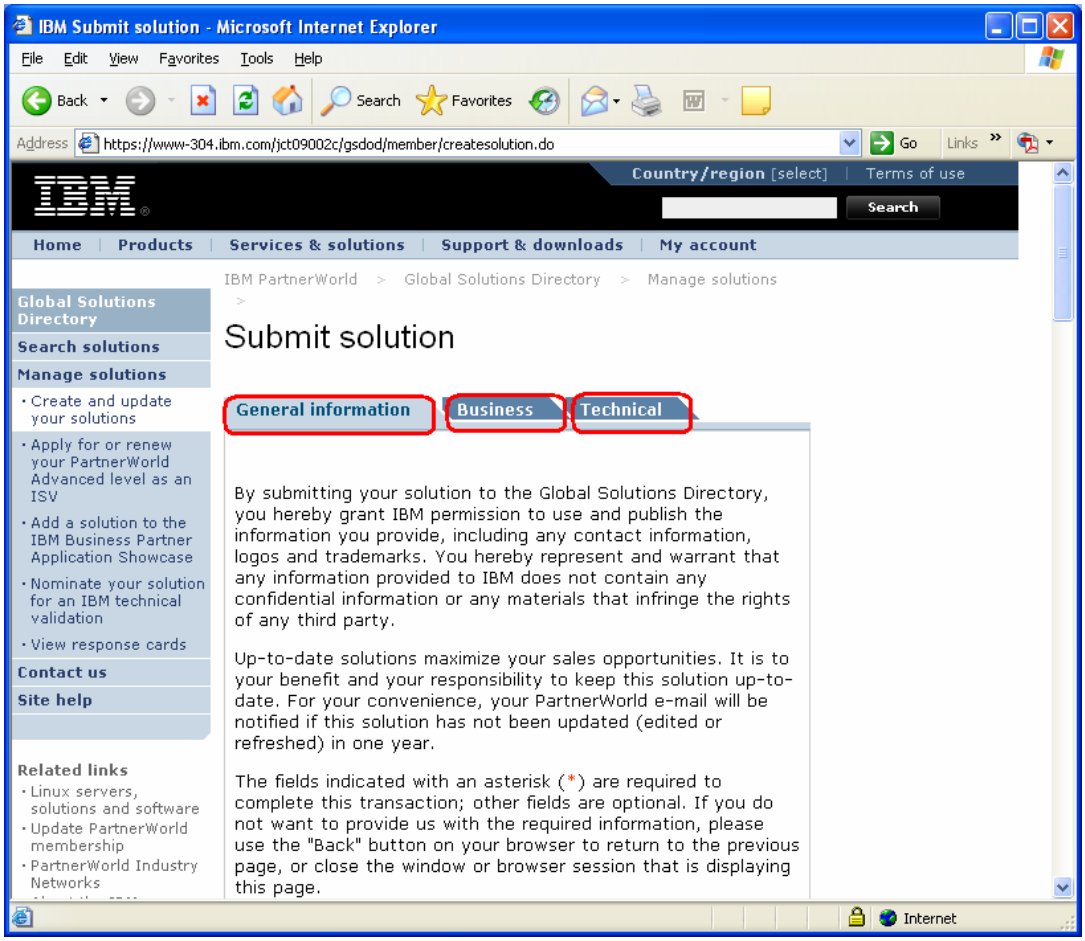
11) List your solutions – Select your company and then select 'Create and update your solutions'



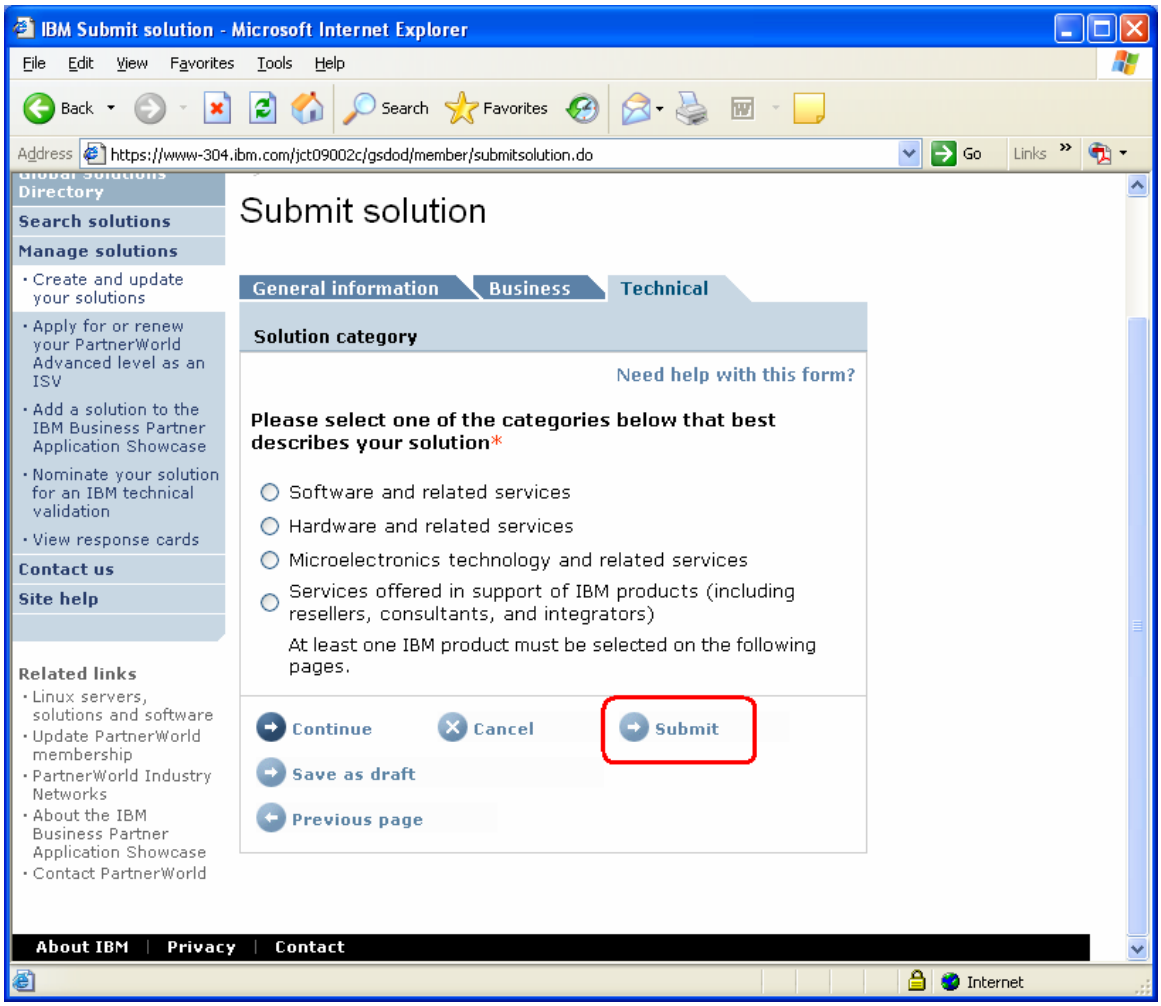
12) Create a new solution



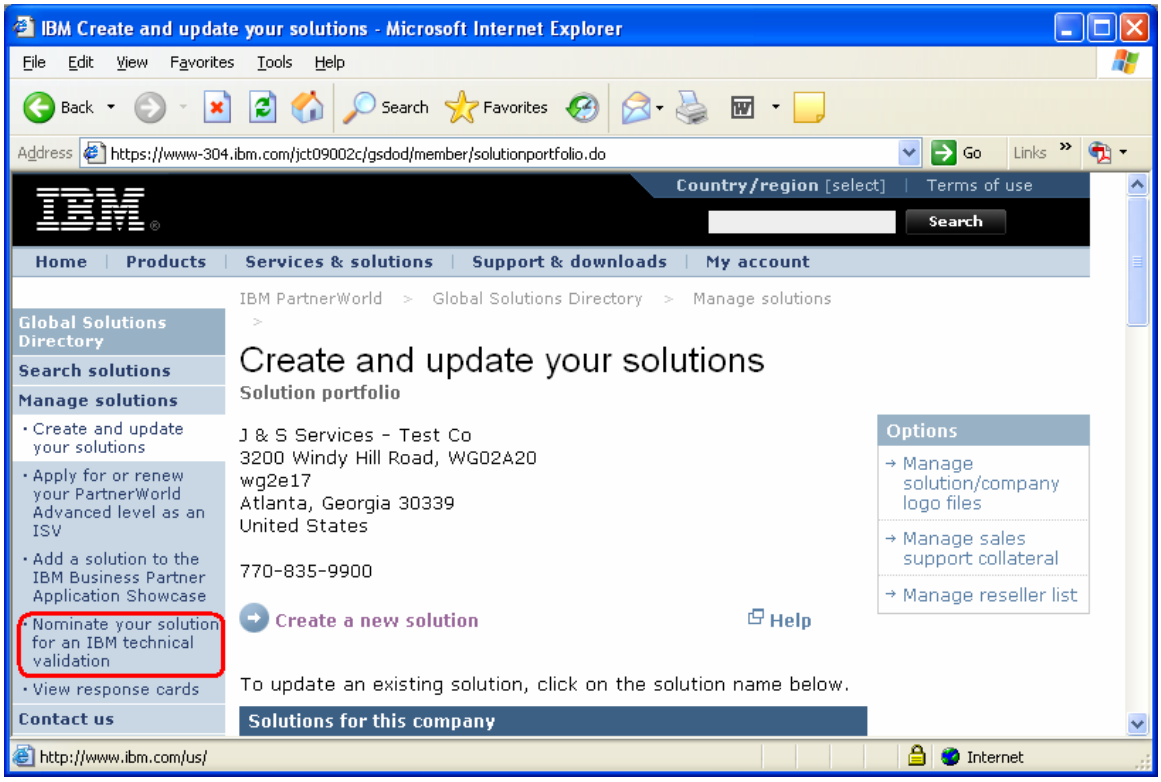
13) List all of the features of the solution in the categories 'General Information', 'Business' and 'Technical'



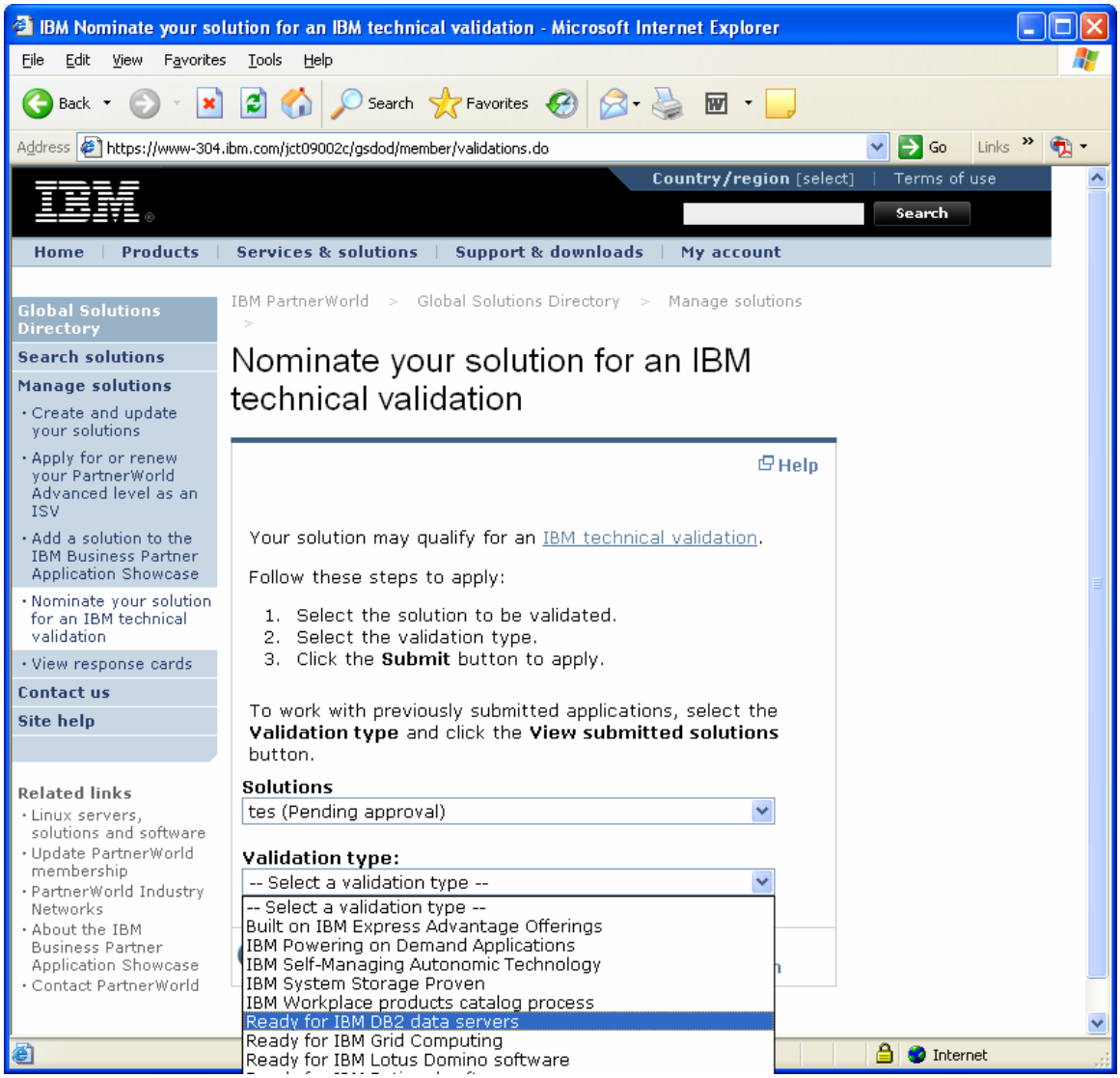
14) When you have listed all the product information, press 'Submit'



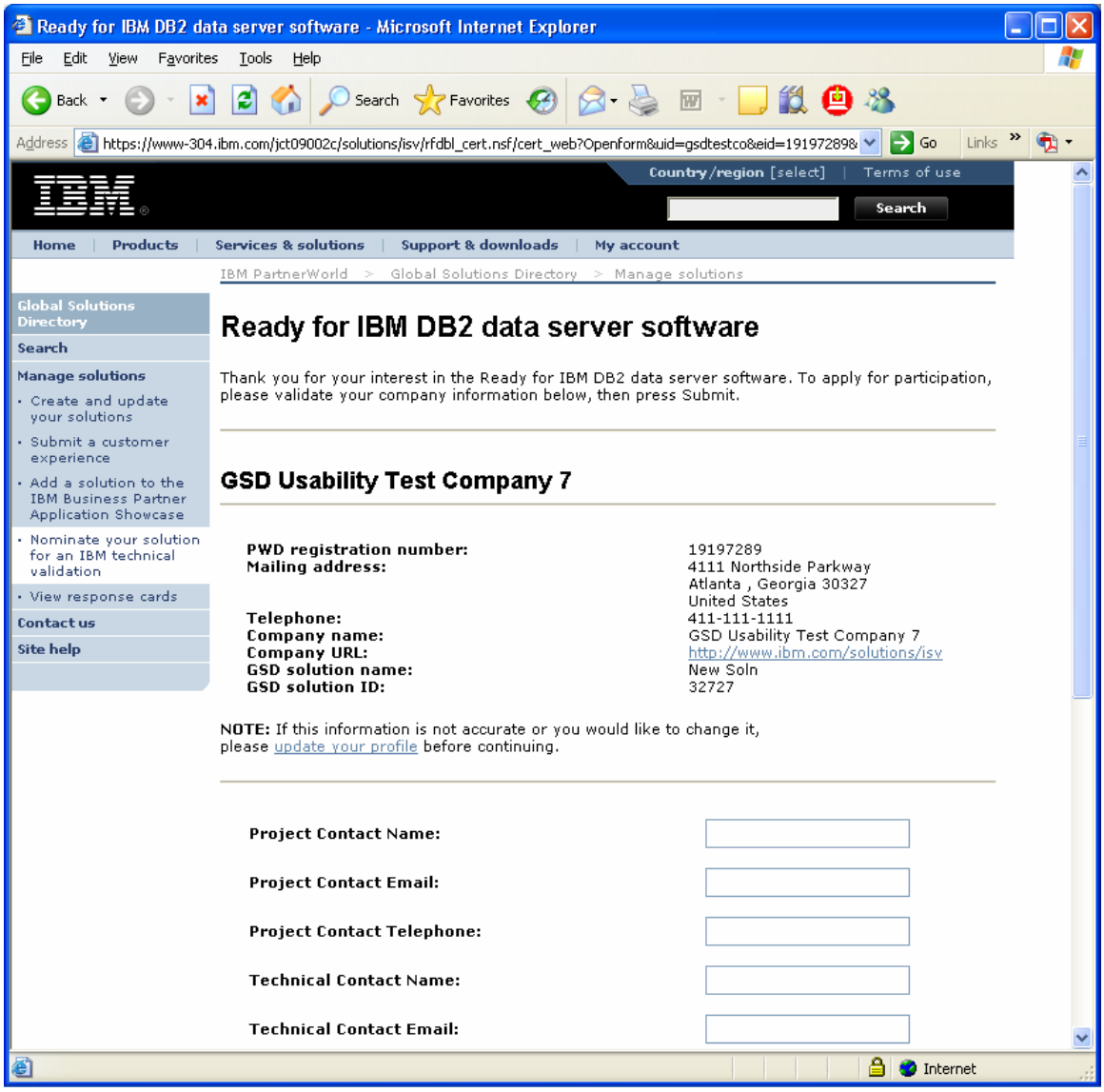
15) Nominate your solution for technical validation – Select 'Nominate your Solution for an IBM technical validation'



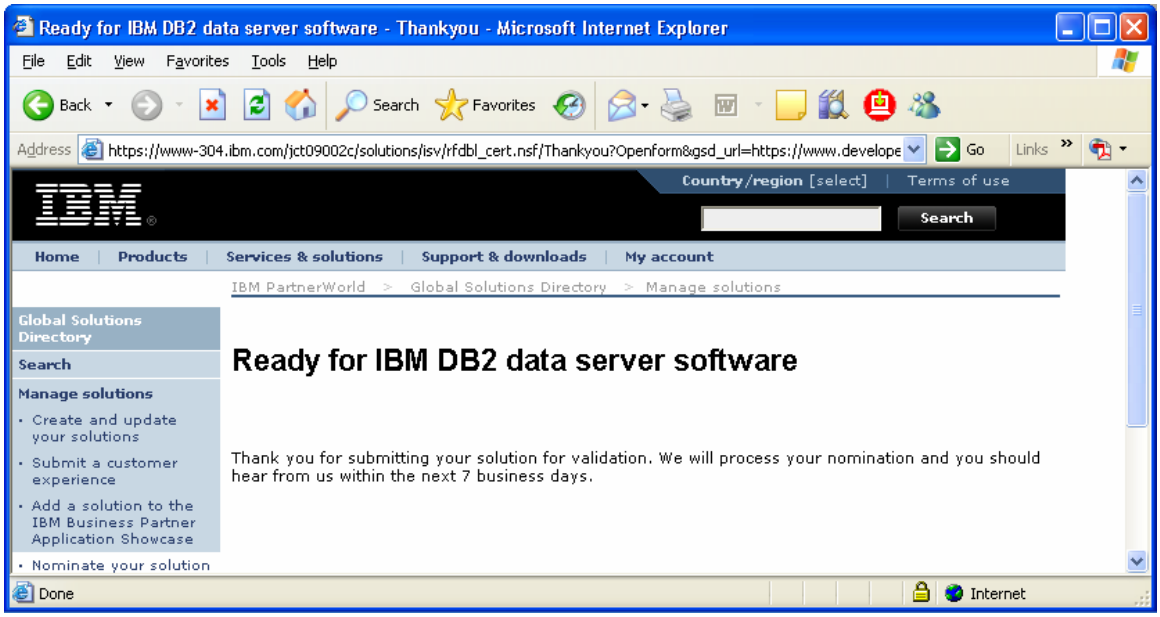
16) Nominate your solution – Select your solution you would like to nominate. Select the validation type: Ready for IBM DB2 data servers. Hit Submit.



17) Review your Solution – Look over the data listed for your solution fill in all extra required information, hit submit.



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



Technical Validation Overview

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: Component Test Plan Strategies" 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.

The second part of the validation process involves the actual testing of the application and DB2 9 integration. As indicated in the "Client Instructions.txt" file, the tester must perform the following steps:

- Install DB2 9. To do this you need the latest version of DB2 9. To do this please visit our download page at : **https://www14.software.ibm.com/webapp/iwm/web/preLogin.do?lang=en_US&source=swg-dm-db2ese**
- Do not move on to the next step until you have received DB2 9 and successfully installed it!
- Once DB2 9 is installed, delete the files - db2diag.log, db2eventlog.000 (see Appendix A as to where these files reside).
- 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, win rar etc) the log files

When both parts of the validation process have been completed, please send the questionnaire from part one and the log files from part two to db2validate@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 A: Validation Instructions

Validation Instructions

1) Delete the files - db2diag.log, db2eventlog.000

- Where to find the files for the windows system:

    - If the DB2INSTPROF environment variable is not set, the information is placed in DB2PATH\instance_name. DB2PATH is the environment variable that indicates where DB2 is installed on a Windows system.

    - If the DB2INSTPROF environment variable is set, the information is placed in DB2INSTPROF\instance_name, DB2INSTPROF is the environment variable that indicates the location of the instance directory. The DB2INSTPROF variable is normally not set; therefore instances on Windows are created under the directory specified in DB2PATH.

- Where to find the files for Linux/UNIX operating systems:

    - The information is placed in $HOME/sqllib/db2dump, where $HOME is the home directory of the instance owner

2) Ensure that the DIAGLEVEL is set to 3 (the default)

- The db2 command to execute is:

    - DB2 UPDATE DBM CFG USING DIAGLEVEL 3

3) Run the entire test suite (as outlined in section B: Component Test Plan Strategies of the questionnaire)

4) When the test suite is complete, please compress (zip file, tar file, win rar etc) the log files and send them to: db2validate@ca.ibm.com

Appendix B: ISV Validation Questionnaire

DB2 Information Management Software

IBM

Ready for IBM DB2 data servers

ISV Application Validation Questionnaire

Ready for IBM DB2 data server software

Please complete the questionnaire below and return it by:

- E-mail: **validate@ca.ibm.com**
- Fax: 845-489-9554

Once completed, the document will be considered confidential.

If you have questions regarding this questionnaire, please contact partnerline@us.ibm.com

Section A: Questionnaire

1. Company Details

Company Name:

Company Address:

IBM Representative:

IBM PartnerWorld ID:
(8 digits, starts with 19.)

Company URL:

Application URL:

2. Contact for Inquiries Relating to this Questionnaire

Name:

Position:

E-mail:

Telephone:

Fax:

3. Supported Platforms

Target client operating system(s):
(Windows 2000 SP2, web browser, etc.)

Target server hardware platform(s):
(*IBM Series, Compaq, HP, Sun, etc.)*

Target server operating system(s):
(Windows NT SP2, AIX 4.3, RedHat Linux 9.0, etc.)

Typical configuration of your data server(s):
(# of boxes, # of CPUs, # of RAM, # of disks, etc.)

Additional Comments:

4. Application / Data Server Overview

Application Name:	
Application Version:	
Application GA Date:	
DB2 Version used:	
DB2 FixPak level used:	
Primary function of the application:	
Primary function of the data server:	

The data server 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 data server technology:	☐**YES** ☐**NO** If **YES**, describe in more detail:

Application's architecture: *(Host, Client-Server, N-Tier, etc.)*	

4. Application / Data Server Overview (continued)

Is the application web-based: ☐**YES** ☐**NO**

If YES, list the Web Technologies used:
(EJB, ASP, JSP, CORBA, Web Services, Other)

Describe where the application interacts with the data server:
(e.g. application source code files, batch)

Data servers currently supported:
(include version numbers)

Will users be notified if the application encounters a data server related error: ☐**YES** ☐**NO**

If **YES**, how:

Additional Comments:

5. Data server Characteristics

Database name(s):

Approximate size of the database (in GB):

Average Size: GB

Largest Known Size: GB

Is more than one data servers 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: ☐**YES** ☐**NO**

Are User Defined Functions (UDFs) used: ☐**YES** ☐**NO**

Are Triggers used: ☐**YES** ☐**NO**

Additional comments:

7. Components / modules of the application - Functional Areas

Please describe the components and/or modules of the 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.		

Additional Comments:

8. Data Server Interface

Please describe the *interfaces* that are used to interact with the data server.

	Interface *(Embedded-SQL, JDBC, OCI, Perl, .NET, Stored Procedures, etc.)*	Type / Version
1.		
2.		
3.		
4.		
5.		
6.		
7.		
8.		
9.		
10.		

Additional Comments:

9. Additional Components and 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 DB2 data servers. 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 row value with "N/A". Please include as much detail as possible.

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

Interactive Component Testing Descriptions

Function	
Interaction with DB2	
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 DB2	
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 DB2	
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 DB2	
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 DB2	
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	

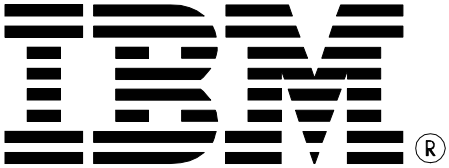
Function	
Interaction with DB2	
Component overall test strategy	
Component smoke testing and expected results	
Component functional testing and expected results	
Component integration testing and expected results	
Component performance testing and expected results	
Component destructive testing and expected results	
Comments	

Function	
Interaction with DB2	
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 DB2	
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 DB2	
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 DB2	
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	



© Copyright IBM Corporation 2006
All Rights Reserved.

IBM Canada
8200 Warden Avenue
Markham, ON
L6G 1C7
Canada

Printed in United States of America
03/06

IBM, IBM (logo), AIX, DB2, DB2 Universal Database, eServer, Tivoli, Tivoli Enterprise Console, TotalStorage, and xSeries are trademarks or registered trademarks of International Business Machines Corporation in the United States, other countries, or both.

Java and all Java-based trademarks are trademarks of Sun Microsystems, Inc. in the United States, other countries, or both.
Windows is a trademark of Microsoft Corporation in the United States, other countries, or both.

Intel,is a trademark of Intel Corporation in the United States, other countries, or both.
UNIX is a registered trademark of The Open Group in the United States and other countries.

Linux is a trademark of Linus Torvalds in the United States, other countries, or both.

Other company, product, or service names may be trademarks or service marks of others.

References in this publication to IBM products or services do not imply that IBM intends to make them available in all countries in which IBM operates.
The following paragraph does not apply to the United Kingdom or any other country where such provisions are inconsistent with local law:
INTERNATIONAL BUSINESS MACHINES CORPORATION PROVIDES THIS PUBLICATION "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF NON-INFRINGEMENT, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.
Some states do not allow disclaimer of express or implied warranties in certain transactions, therefore, this statement may not apply to you.
This information could include technical inaccuracies or typographical errors. Changes are periodically made to the information herein; these changes will be incorporated in new editions of the publication. IBM may make improvements and/or changes in the product(s) and/or the program(s) described in this publication at any time without notice.

Any performance data contained herein was determined in a controlled environment. Therefore, the results obtained in other operating environments may vary significantly. Some measurements may have been made on development-level systems and there is no guarantee that these measurements will be the same on generally available systems. Furthermore, some measurement may have been estimated through extrapolation. Actual results may vary. Users of this document should verify the applicable data for their specific environment.

Information concerning non-IBM products was obtained from the suppliers of those products, their published announcements or other publicly available sources. IBM has not tested those products and cannot confirm the accuracy of performance, compatibility or any other claims related to non-IBM products. Questions on the capabilities of non-IBM products should be addressed to the suppliers of those products.