Submit

DB2 Information Management Software

IBM

# Ready for IBM DB2 database software

ISV Application Validation Questionnaire
DB2 for z/OS

Ready for IBM DB2 database 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 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(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 ☐ 9 ☐ 8

**DB2 fix pack used:**

**DB2 features used:**

- ☐ Adaptive Compression
- ☐ Multi-temperature Storage
- ☐ High Availability
- ☐ Replication
- ☐ Federation
- ☐ Compression
- ☐ pureXML
- ☐ 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:**

- ☐ 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)*

**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:

**Industries served by the application:**

- ☐ **Banking**
- ☐ **Education**
- ☐ **Energy**
- ☐ **Financial Markets**
- ☐ **Government**
- ☐ **Healthcare & Life Sciences**
- ☐ **Insurance**
- ☐ **Manufacturing**
- ☐ **Media & Entertainment**
- ☐ **Retail**
- ☐ **Telecommunications**
- ☐ **Travel & Transportation**
- ☐ **Wholesale**

**Additional comments:**

## 5. Database Characteristics

**Subsystem name(s):**

**Is this application designed to work with other general work in the subsystem or data sharing group? Does the configuration require any specific required configuration parameters?**

**Average size of database:** GB

**Largest known DB size:** GB

**Average size of largest table:** GB

**Largest known table size:** GB

**Is more than one database used by the application:** ☐ **YES** ☐ **NO**

If **YES**, describe how:

**How many tables are defined in the subsystem:**

**How many table spaces are defined:**

**How many databases are defined:**

**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** |
| If **YES**: describe how many and in what languages (ex. Java, COBOL, SQL, C, etc)? Are they nested and how deep? What is the size of the largest stored procedure? | |
| **Are user defined functions (UDFs) used:** | ☐ **YES** ☐ **NO** |
| If **YES**: describe how many and in what languages (ex. Java, COBOL, SQL, C, etc)? Are they nested and how deep? What is the size of the largest UDF? | |
| **Are triggers used:** | ☐ **YES** ☐ **NO** |
| If **YES**: how many? Are they nested and how deep? | |
| If **YES:** is SQL procedural language used in the trigger body? | ☐ **YES** ☐ **NO** |
| **Does this application use or implement XML? If so, as LOB, shred or pureXML?** | |
| **Does this application use LOB, spatial data types or text search?** | |
| **Additional comments:** | |

## 7. Components / Modules of this Application – Functional Areas

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

| | **Component Name**<br>*(billing, inventory, sales, etc.)* | **Programming Language(s)**<br>*(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 database.**

| | Interface<br>*(Embedded-SQL, JDBC, 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 databases. This section describes the **basic** testing strategy for each of the components. 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 application component, fill in the row value with "N/A".

Please include as much detail as possible but ensure that your description includes:
1. Whether the testing was done using a batch script, interactive real-time transactions, both?
2. Were the transactions presented in single-threaded fashion? If multi-threaded how many concurrent users were simulated?
3. The application programs that were executed while testing each application component

If you are submitting a subset of SMF data for a much extensive test plan be sure to indicate which application components are included in the subset that you are submitting.

**IMPORTANT – Please note:** 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 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** | |
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| **Comments** | |

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| **Comments** | |

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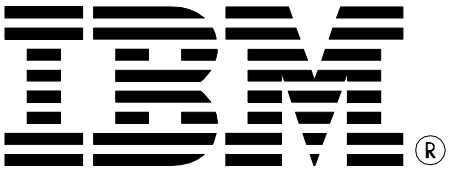
| **Comments** | |



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