

Winter TopTen Survey - 2003

The Central Issue in Enterprise Architecture and Business Intelligence



Please answer all questions.

Page 1 of 2

I. RESPONDENT PROFILE

Name:* _____ Job Title: _____
Organization:* _____ Industry:* _____
Street Address:* _____ Address (cont.): _____
City:* _____ State/Province:* _____
Zip/Postal Code:* _____ Country:* _____
Work Phone: _____ Fax: _____
E-mail: _____ URL: _____

II. DATABASE OVERVIEW

1. What is the name of the database?* _____
2. How would you describe the database?* _____
3. What is the status of the database project? *
 - Under development or evaluation
 - Pilot use
 - In Production [for] _____
4. What is this database used for? *
 - Transaction Processing
 - Decision Support
 - Both [indicate *primary* use:] _____
5. What is the database architecture? *
 - [Centralized](#)
 - [Distributed](#) [What software provides an integrated view of the database?] _____
 - [Federated](#) [What software provides an integrated view of the database?] _____
6. What DBMS *primarily* supports the database? * _____ [Other:] _____
7. What is the version number of the DBMS? * _____

III. DATABASE CHARACTERISTICS

8. How large is the database? *

User Data: _____ GB	Summaries and Aggregates: _____ GB
Indices: _____ GB	Redundancy: _____ GB
Free Space: _____ GB	
9. If user data is compressed when stored in the database, estimate the [uncompressed data volume](#): _____ GB
10. The database contains: _____ million (000,000) [rows, records, or objects](#).

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* denotes required fields

11. The largest table contains: _____ GB of data and _____ million (000,000) rows, records, or objects.
12. Describe the current workload (for the primary use - OLTP or DSS - of the database):

	Average	Peak
OLTP: number of online database transactions per second (including web)		
DSS: number of concurrent, in-flight queries (including web)		

13. Describe the expected database growth over the next three years.

	2004	2005	2006
What do you expect the total database size (GB) will be in: (excluding redundancy)			
What do you expect the peak workload will be in: (for the primary use of the database- OLTP or DSS)			

IV. HARDWARE AND OPERATING SYSTEM

14. What is the system architecture of the server (or servers) that supports the database? *
- o [Uniprocessor](#)
 - o [SMP](#)
 - o [MPP/Cluster](#)
14. Please fill out the table below to describe the system configuration or the configuration of each node of the system. (For Uniprocessor or SMP systems, simply fill out the first line of the table.) * (line 1)

Number of nodes with configuration	Manufacturer		Model	Number of Processors	Processor Type	Main Memory (GB)
	Selection:	Other:				
					o 32 bit o 64 bit	
					o 32 bit o 64 bit	

15. What operating system does the database use? *
- o Windows: [specify version] _____ o z/OS or OS/390
 - o Unix: [specify name and version] _____ o OS/400
 - o Linux: [specify distribution] _____ o Tandem NSK
 - o Other: [specify OS and version] _____

16. Please complete the following table about the disk configuration used to store the database. * (line 1)

Architecture	Manufacturer		Model	Capacity (TB)	Primary vendor?
	Selection:	Other:			
					o
					o

17. What storage management software products do you use?
Vendor: _____ Product Name: _____

18. Describe the hardware growth projected for support of this database over the next three years.

	2004	2005	2006
Planned total number of processors in:			
Planned total TB of storage in:			

19. What storage product will you most likely use for the planned storage expansion in 2004?

Manufacturer: _____ Model or Product: _____

* denotes required fields