

IBM Informix Server Administrator

Highlights

- **Reduces learning curve for new database administrator**
- **Allows system configuration, backup and restore, and system monitoring from any machine with a Web browser**
- **Provides an easy-to-use interface for the IBM Informix® Dynamic Server (IDS) command line, thus eliminating the need to memorize commands and options**
- **Monitors multiple servers residing on different machines from a single Web page.**
- **Allows you to add features or functionality easily as required**

The challenge

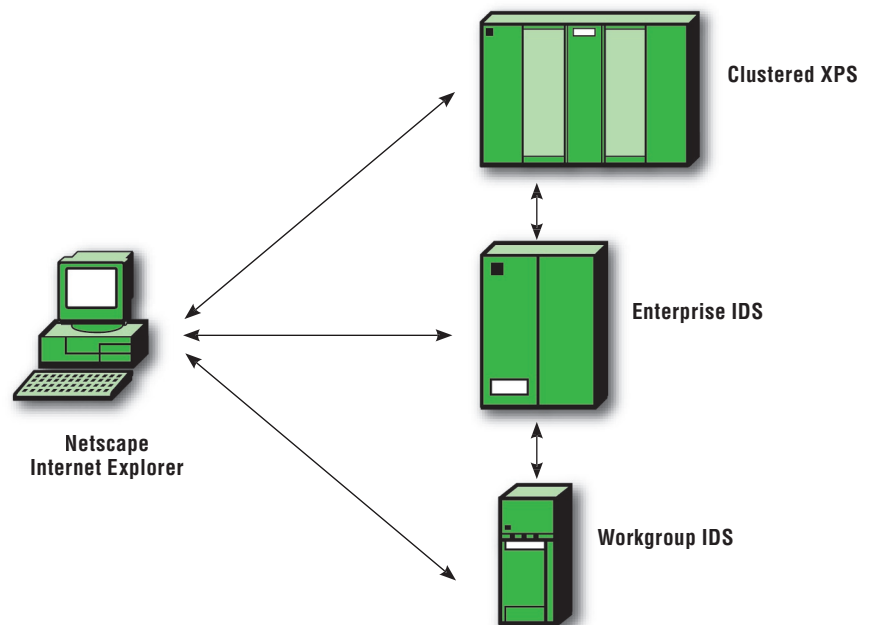
With the complexity of today's database servers, new system administrators often face a difficult learning curve. In typical business environments, where the trend is for fewer people to manage more database servers, administrators need tools that can help them to minimize the learning curve and achieve the knowledge transfer as efficiently as possible. The sooner

your administrator can monitor more databases and take appropriate action, the better you can meet customer needs.

The solution

The IBM Informix Server Administrator (ISA) is a management tool that allows you to perform system configuration, backup and restore, and system monitoring from any machine with a Web browser.

How does ISA work?



The IBM Informix Server Administrator (ISA)

IBM Informix Server Administrator:

A closer look

ISA is a browser-based, cross-platform database server administration tool. It provides an easy-to-use interface for the IBM IDS command line, thus eliminating the need to memorize commands and options. It can monitor multiple servers residing on different machines from a single Web page. ISA presents its output as HTML pages, and the tool provides simple HTML forms for gathering information.

To allow rapid and easy drill-down to data, it uses hyperlinks to connect related data. ISA functionality eliminates the requirement for client-side installation and provides hooks for easy database administrator (DBA) customization. ISA integrates with other IBM Informix products such as the I-Spy and MaxConnect™ tools.

With IBM ISA, you can use a browser to perform these common database-server administration tasks:

- *Check database spaces (dbspaces), database catalogs, logs, and other objects*
- *Change configuration parameters temporarily or permanently*
- *Manage logical and physical logs*
- *Examine memory use and add and free memory segments*
- *Read the message log*
- *Change the database server mode between online and offline and its intermediate states*
- *Back up and restore dbspaces and logical logs*
- *Run onstat, onmode and dbschema commands to monitor performance*
- *Enter SQL statements and examine database schemas*
- *Examine and manage user sessions*
- *Examine and manage virtual processors (VPs)*
- *Add and remove storage spaces, including spaces that are unique to IBM IDS database servers*
- *Examine and manage processes and objects that are unique to IBM Informix Extended Parallel Server (XPS) database servers*
- *View disk fragment information for dbspaces, blobspaces, sbspaces, chunks and detached indices*

ISA functionality is designed to help you:

- *Change the database instance mode*
- *Change configuration parameters temporarily or permanently*
- *Manage storage space and its characteristics*
- *Administrate and monitor replication*
- *Back up, restore and monitor dbspaces and logical logs*
- *View fragmentation*

Summary

ISA provides exceptional functionality and flexibility and allows system administrators to shorten their learning curve by taking advantage of its ability to perform multiple tasks from any machine with a Web browser, including:

- *System configuration*
- *Backup and restore*
- *System monitoring*

This multitasking ability is particularly useful in today's "do more with less" business environments. ISA can also enable you to create custom- developed scripts by incorporating in-house knowledge into its environment. The Microsoft® Windows®- and Explorer-like interface, with context-sensitive menus, makes ISA easy to use and understand.

You won't be confused by seeing features that aren't applicable to your server, because nonapplicable features are hidden. Finally, with ISA's unique licensing scheme, you pay only for what you need.

Hardware and software specs specs for the IBM Informix Server Administrator.

IBM eServer(logo)pSeries™ platform

- *AIX 4.3.3, 5.1 and 5.2 (32-bit)*
- *AIX 4.3.3, 5.1 and 5.2 (64-bit)*

SPARC

- *Sun Solaris 2.6, 7, 8, and 9 (32-bit)*
- *Sun Solaris 8 and 9 (64-bit)*

PA-RISC

- *HP-UX 11.00 and 11i Version 1 (also known as 11.11) (32-bit and 64-bit)*

Intel® platform

- *Windows NT®, Windows 2000, Windows XP and Windows Server 2003*
- *Linux (32-bit): glibc versions 2.1.2 or later*

Alpha

- *Compaq Tru64 4.0D, 5.1, 5.1a and 5.1b*

MIPS

- *SGI Irix 6.5.x (32-bit)*
- *Windows NT , Solaris, HP-UX with IDS 7.x, 9.x or XPS installed*
- *64 MB of memory*
- *30 MB of hard disk drive space*

For more information

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