


**DB2 Integrated Cluster Environment**  
 For Linux

**Overview**

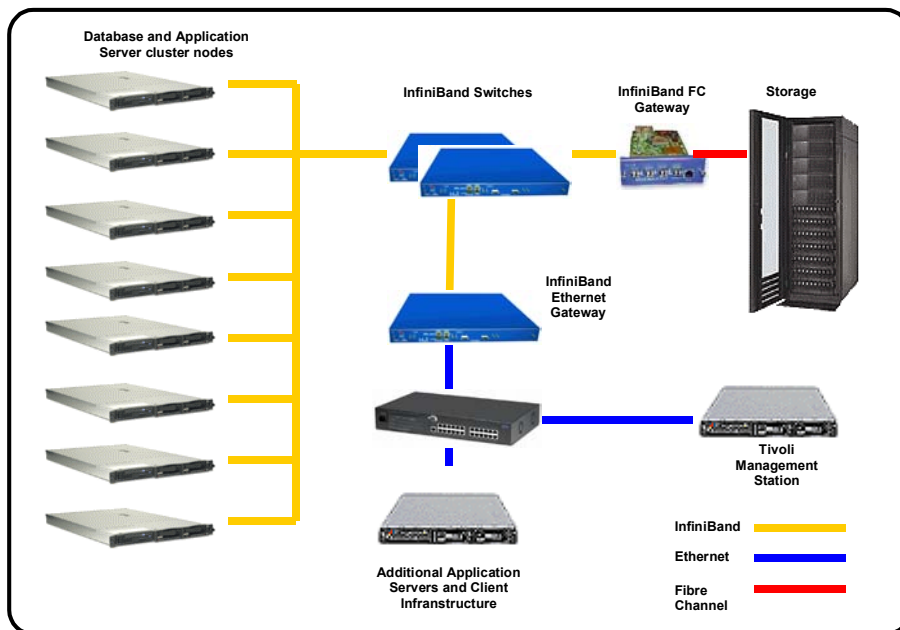
A complete data center solution consists of enterprise class applications, databases, management tools, network infrastructure and server hardware. Until recently, such solutions were based on proprietary systems and involved significant investment in capital, time and resources to assemble, integrate, test, manage and support.

This scenario has changed dramatically with the introduction of the IBM DB2 Integrated Cluster Environment. It is a completely integrated, high-performance and pre-tested solution that incorporates best-of-breed software, hardware and services.

**Have it Your Way**

With the DB2 Integrated Cluster Environment you can start with a small cluster and scale out as workload demands increase -- at a price lower than the competition.

The DB2 Integrated Cluster Environment for Linux provides you with a high performance, reliable data management system that can scale from 2 to 1,000 nodes. You can order a pre-configured solution or customize it to meet your needs.


**Highlights**

The core solution is based on IBM DB2 Universal Database™ and the IBM @server Linux Cluster 1350 (xSeries, 325, BladeCenter). The other components in a DB2 Integrated Cluster Environment solution can include (but not limited to):

- IBM WebSphere Application Server
- IBM Tivoli systems management software
- IBM TotalStorage
- IBM Global Services
- SuSE or Red Hat Linux
- InfiniBand products from Mellanox, Voltaire and TopSpin

The DB2 Integrated Cluster Environment is particularly suited for customers requiring:

- Low cost Linux clusters
- A highly available solution
- Small to very large data warehouses
- Turnkey solutions

The DB2 Integrated Cluster Environment enables customers to build on their existing business assets to lower the total cost of computing and generate a fast return on investment.

*“DB2 for Linux lets us maximize our benefit from the economies and performance of the Linux operating system, providing a powerful, cost efficient data management foundation for our BI cluster.”*

-Wolfgang Schlippe-Thiede, BISP  
Product Manager and Operational  
Manager of Hosting Center, Triaton

### **IBM DB2 Universal Database**

DB2 for Linux supports and embraces open standards including Java™ and XML, and integrates with many open source products such as Apache, PHP, Perl and Python. DB2 UDB is the most scalable database in production today that can manage mission-critical data on a single PC, SMPs, clusters, as well as the mainframe for Linux.

### **eServer xSeries Clusters**

The IBM **eServer** Cluster 1350 combines xSeries rack-optimized servers running the Linux operating system with robust systems management and world-class service and support to deliver highly scalable, integrated cluster offerings.

### **IBM Websphere**

IBM WebSphere Application Server is a high-performance and extremely scalable transaction engine for dynamic e-business applications. The Open Services Infrastructure allows companies to deploy a core operating environment that works as a reliable foundation capable of handling high volume secure transactions and Web services.

### **IBM Tivoli**

Tivoli software reduces the complexity of installing, maintaining and supporting a labyrinth of systems while using fewer skilled resources. Tivoli software can be used to increase productivity to maintain competitive advantage, gain new business insight from the existing business infrastructure and protect critical business assets.

### **IBM TotalStorage**

The explosion of information created by e-business is making storage a strategic investment priority for companies of all sizes. Storage just can't be an afterthought anymore. Too much is at stake. IBM TotalStorage can fortify your Linux investment with its breadth and depth of storage IT experience - and it is ready for Linux. Count on IBM TotalStorage to deliver enhanced efficiency and business continuity to your Linux environment.

### **IBM Global Services**

IBM Global Services can configure the DB2 Integrated Cluster Solution to quickly become a reliable and scalable workhorse adding business value to the IT organization.

Starting with smart planning services, skilled Linux architects and consultants can design the solution, custom install and configure it to unique requirements, test for performance, validate security, and provide enterprise-grade, remote technical support to keep productivity high.

For more information about the DB2 Integrated Cluster Environment please visit: [ibm.com/db2/linux/ice](http://ibm.com/db2/linux/ice)



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