

Asianux 2.0

Customer's Choice of Value



Asianux 2.0 is a high-end server platform built especially for business critical enterprise database applications. It supports many hardware platforms (IA32, x86-64, IA64 and IBM pSeries) and mainstream business applications, it also provides standard Linux network services, special optimization has been made for the enterprise level databases such as Oracle, almost all CGL2.0 P1 features are implemented, Asianux 2.0 brings stability, security, usability and high performance to the mission critical enterprise applications, A complete software development environment is also integrated with Asianux 2.0.

Features and Advantage

Whole OS solution

Customers have all kinds of requirement of OS. Asianux 2.0 provides whole solution supporting multi-platform, heterogeneous environment and various server applications. IT can be deployed in datacenter, ISP or intranet in a complete and flexible manner.

- support 4 hardware platforms: x86, x86-64 (EM64T), IBM pSeries and IA64.
- support more file systems, including EXT3, ReiserFS, XFS, NFS3 and OCFS2
- LVM2 and software RAID.
- support 4 language environments: Chinese (Simplified and Traditional), Japanese, Korean and English

Value to non-stop business

There are strict requirements to Linux OS for stability and security. The non-stop business means great value to customers. Asianux 2.0 meets these requirements adequately, promises low downtime for different environment such as high load datacenter, telecom or portals.

- Implement almost all CGL 2.0 priority 1 features including forced mount, software ECC, IPMI, eventlog, kdb.

- Support hot-plug of cpu, memory and storage;
- Mandatory access control using SELinux.
- LKST (Linux Kernel State Tracing), oprofile and dprobes to better manage/monitor the system.
- Support major commercial HA solutions cluster, which is a commercial HA product for mission critical.

Perfect Performance

Asianux 2.0 uses the 2.6 Linux kernel, with many unique features. High performance enhancement is presented to save hardware investment of customers, and create more value by enhanced business efficiency.

- dual core support, with special optimizations for NUMA-like architecture.
- better scalability: support more users (up to 4G), more CPUs (up to 128) and more terminal devices (up to 2048)
- enhanced I/O subsystem, provides 4 different I/O schedulers, guarantee good I/O performance under different loads.
- With loadbalance cluster function, customers can deploy low cost-high performance application cluster base IP network.
- better thread performance using NPTL (Native Posix Thread Library).

Many Choices, Easy Deployment

Asianux 2.0 supports PC Servers, storage, network, multimedia hardware as well as most business software. The installation, configuration and management are simple and convenient.

- Support high-end systems like: Unisys ES7000 and Stratus Fault-tolerant System.
- Many driver upgrades, including 945G display card, Adaptec, Emulex, Qlogic SCSI/RAID card, ipw2100/ipw2200 wireless device, and much more.
- Support PC Servers of IBM, HP, Dell, Langchao, SAMSUNG, NEC, Lenovo and so on.
- Diskdump and enable more devices to use diskdump.
- Intel DBS to save more power.
- Support Database, Middleware and application software like Oracle, BEA, IBM, SAP, Sybase.
- Oracle installation helper to ease the oracle installation process
- A powerful desktop environment, and can be used as workstation or development platform.
- More than 20 management tools with windows-like interface. system manager can manage system, hardware, storage, services on local machine.

Development Tools

Asianux 2.0 is a complete Linux software development environment, which includes many development tools, support many programming languages such as Java, C, C++, Python, Perl, Shell, Ruby, Tcl/Tk and lisp. Below are some unique features:

- New gcc4
- Integrated JAVA environment with SUN JDK.
- IDE tools such as eclipse 3, kdevelop, emcas.

Service Is Key

The Linux technical services are developed rapidly, which is becoming the new power and value of market. Asianux's goal is to become the leader of Linux service, give more value to our customers through the best service in Asia, Asianux builds the largest support center, service website and local service system.

Customers can visit Asianux Technical Support Network (TSN) for service resources, including patches, drivers, FAQ and service packs. Asianux provides rapid response to our customers' problems.

Depending on those service resources, Asianux has provided 7 years product support to customers. Asianux 2.0, the reassuring choice.



Asianux Co-development has started since December 2003 and releasing Asianux2.0 as latest version. Red Flag, Miracle Linux and Haansoft sell identical product with "Asianux Inside" mark in China, Japan and Korea. Asianux is a completely new software business project from Asia, based on the concepts of "Common", "Collaboration" and "Contribution". Asianux brings together the know-how and development staff from leading enterprises from all over Asia. They are working together to establish an Asian Linux standard, platform through developing Linux distribution that fulfils the requirements of the Asian market and requires no modifications whatsoever, wherever it is shipped.



Haansoft Inc. has always been an innovative leader in leading the way for Korea's software industry since its inception in 1990. Haansoft Inc. has paved the way for others to follow and served as the definitive model of a successful and visionary software developer in Korea. Haansoft hopes to expand the software market and to help it become freely and not solely dependent on Windows. Such creation of a new market is possible by the development of Linux applications. Haansoft provides not only linux OS but useful applications to make linux closer to you. Linux Near You! To learn more about Haansoft, please visit <http://www.haansoft.com>



Since its founding on June 2000, Red Flag Software is growing rapidly and firmly to be the largest Linux company in Asia with more than 150 employees. Under headquarter located in Beijing, there are two subsidiaries in Guangzhou and Shanghai, and well-established sales channels and service networks are deployed nationwide. The product line includes high-end Linux server OS, cluster system, desktop OS, embedded system, technical support services and trainings. Red Flag Linux has been adopted by plenty of industries, including government, China post, education, telecommunication, finance, insurance, transport, power, logistics, media, manufacture, etc.



Open for business since June 1, 2000, as a dedicated provider of Linux server OS-related products and services, Miracle Linux carries out a variety of projects, focusing on the development and sale of the Linux server operating system, MIRACLE LINUX is driving Asianux project for Asian common Linux's development with China's Red Flag Software and Korea's Haansoft. In addition, as a Linux server related products and services provider, MIRACLE LINUX will widely deploy businesses such as development and sales of enterprise Linux server OS "MIRACLE LINUX - Asianux Inside" which possesses superior quality, reliability, stability, scalability and security, as well as delivering support services such as Linux related consulting, education and maintenance.