

The open source keystone for business computing

Mandriva Corporate Server 4 is the new Mandriva Linux distribution for enterprises.

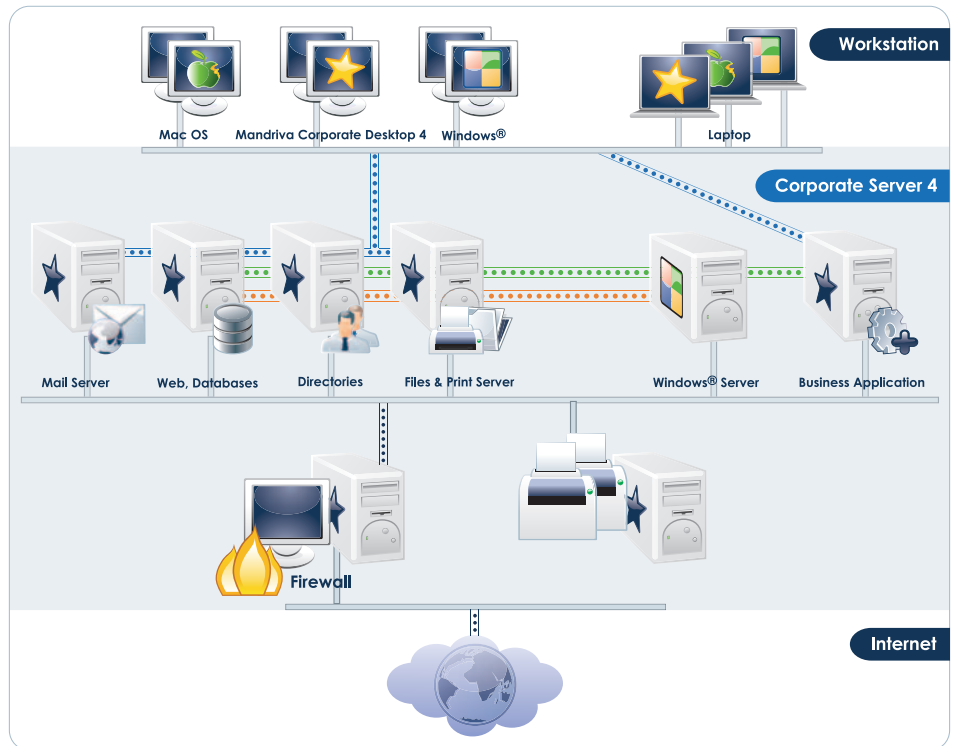
Mandriva Corporate Server 4 **fulfills the vital requirements of enterprise IT managers:** performance and reliability for mission-critical functions, compatibility with established industry standards, interoperability, strong and secure design, long-term maintenance, and a good return on investment.

Mandriva Corporate Server 4 is the **result of several years of work** on integrating the best open source technology into a unified product that is tuned for use by large enterprises.

Mandriva Corporate Server 4 is **fully compliant with the LSB** (Linux Standard Base), ensuring interoperability with products from other LSB-compliant vendors. Mandriva Corporate Server 4 also includes the latest versions of leading open source applications.

Mandriva Corporate Server 4 **combines excellent support for a wide range of hardware** with a strong range of software to create the solution of choice for equipping your company's servers with a uniform, universally compatible operating system.

Mandriva Corporate Server 4 positions itself as the open source server operating system of choice for building enterprise IT infrastructures.



The best virtualization technologies

Virtualization technology is becoming increasingly vital to modern enterprise IT. **It enables a more efficient use of software technology and help to reduce costs through better use of already available hardware resources.**

Several different ways of using virtualization have become popular: the complete virtualization of server machines, the separation of services that previously ran together on a single machine, and use on workstations. The area is in flux and no standard has yet succeeded in imposing itself.

To respond to this range of uses and offer all possible choices, Mandriva has chosen the leading virtualization components to be integrated into Mandriva Corporate Server 4. Mandriva Corporate Server 4 offers as standard support for all three major technologies in this area:

- **Xen:** allows the simultaneous execution of several Linux instances, and takes advantage of hardware acceleration for virtualization through Intel VT™
- **OpenVZ:** a solution optimized for large numbers of virtual servers through very large numbers of Linux instances, without the performance penalty of full hardware virtualization
- **Vmware:** allows the creation of completely virtualized machines, avoiding the need to support a wide range of hardware, to replace or consolidate server groups consisting of differently specified machines.

Mandriva Corporate Server 4 is the only distribution that offers the entire technology range in its standard version, making it uniquely adapted to respond to enterprise-level requirements.

The simplicity of Mandriva in a modular and flexible architecture

Mandriva has built its success on the famed ease-of-use of its products. Mandriva Corporate Server 4 follows this tradition and adds to this simplicity a modular and flexible architecture.

The key feature of this all-new range of enterprise products are “stacks”, or bundles of applications, allowing administrators to easily and efficiently choose the services to install without becoming encumbered with useless dependencies. The “stacks” provided by Mandriva were selected to fulfill the vital needs of enterprises.

Including the latest application versions which have been tested in our QA labs, these stacks are fully compatible with **corporate directories and monitoring tools** (compatible with LDAP, Active Directory and SNMP).

Management of stacks is performed through a new post-installation tool developed by Mandriva: **FIBRIC™ (First Boot RPM Installer and Configurator)**.

FIBRIC™ is a web application that gives a complete view of available services and makes it easy to configure the active services.



The stacks provided are as follows:

Services Stack		
Network Services	Files & Print Services	Messaging Services
<ul style="list-style-type: none"> • DNS server • DHCP server • PXE server ... 	<ul style="list-style-type: none"> • Samba server • Cups server • FTP server • NFS server ... 	<ul style="list-style-type: none"> • Mail server • Mailing list server • Anti-spam • Anti-virus

Middleware Stack			
LAMP	Identity	J2EE app. Server	Databases
<ul style="list-style-type: none"> • Apache server, PHP, Perl, Python, Ruby, MySQL 	<ul style="list-style-type: none"> • OpenLDAP • Kerberos 	<ul style="list-style-type: none"> • Jonas • Tomcat • Websphere CE 	<ul style="list-style-type: none"> • MySQL • Postgresql • DB2

Base System Stack	
Kernel & glibc	Hardware tests
<ul style="list-style-type: none"> • Kernel, glibc, gcc, Xen, OpenVZ, Rsbac 	<ul style="list-style-type: none"> • Kernel, glibc, gcc, Xen, OpenVZ, Rsbac

Additional Tools		
<ul style="list-style-type: none"> • Backup • Crash recovery • ... 	<ul style="list-style-type: none"> • Monitoring Tools 	<ul style="list-style-type: none"> • Network tools, Firewall • Security VPN

Mandriva Tools
<ul style="list-style-type: none"> • Mandriva Control Center

Installer
<ul style="list-style-type: none"> • Mandriva Installer • Mandriva Web Post-Installer

Extensive hardware support

Mandriva Corporate Server 4 is built on a proven “base system” which **includes support for a wide range of current and future hardware platforms**. The provided kernel already includes support for the new hardware platforms expected to be released during 2007.

Thanks to the close links between Mandriva and large hardware manufacturers like Intel® and HP®, **Mandriva Corporate Server 4 supports the latest technologies, including:**

- Dual core CPU architectures
- The latest generation of the SAS bus (Serial Attached SCSI)
- Intel® Xeon® dual core processors in the 5100 (Woodcrest) series and Intel® Xeon® 5063 (Dempsey)
- Booting over SAN (HP® machines)
- SAN (Storage Area Network) (NEC)
- Intel® VT virtualization acceleration
- Blade servers
- New RICOH® et XEROX® network printers

Mandriva Corporate Server 4 benefits greatly from the results of the strategic alliance between Intel® and Mandriva. For the last two years, engineers from the two companies have worked together daily on the implementation of Linux support for the next generation of hardware.

A first-class range of certified software

As the open source server operating system of choice, Mandriva Corporate Server 4 gives its customers the key to a catalog of third-party software that grows daily. **Mandriva has achieved the certification of its products with the leading software companies in the business, like Oracle, IBM, Sun, SWsoft and more.**

Business services

Mandriva offers a range of business services for companies who have chosen Mandriva Corporate Server 4, and puts its Linux and open source expertise at the service of its customers.

• Business support

Mandriva offers **high level assistance and expertise**, thanks to its team of support consultants. As an open source distributor, Mandriva provides a guarantee of best solve time for production incidents. In addition, we offer optional support services to help our customers with advanced configuration or on-site assistance.

For more information, please contact support@mandriva.com

• Consulting

Mandriva **helps its customers** in the design and implementation of open source / Linux infrastructures. The range of offered services covers specialized areas of expertise like planning, migration, deployment, customized distributions, and the integration of new components emerging from the community

For more information, please contact consulting@mandriva.com

• The Mandriva Corporate Club

Mandriva has refined its international software distribution system into a version intended for large enterprises. Through the Corporate Club, Mandriva clients can **set up a dedicated pipe** to their own private local mirror, with guaranteed integrity and security, while securing their network.

For more information, please contact sales@mandriva.com

Mandriva Corporate Server 4 in the Mandriva product range

Support	Corporate Server 4	Powerpack +	Free
Web support included	X	X	-
Telephone support included	X	-	-
Security maintenance	X	X	X
Development maintenance	X	-	-
Support life span	5 years	18 months	18 months
Third Party Software	⊕ ⊕	⊕	⊖

Detailed specifications

Architecture	x86, x86-64	
Base system	Kernel 2.6.12 Secure remote access: OpenSSH Kernel access control system: rsbac(1.2)	Virtualization: Xen (3.0), OpenVZ Duplicating systems: Ka, Dolly, Dolly+
Middleware stacks	Directory server: OpenLDAP (2.3) Network authentication: Kerberos 5 Databases: MySQL (5.0), PostgreSQL (8.1)	Web server: Apache (2.2) Proxy server: SQUID
Server stacks	Sharing files: NFS (3 et 4), File server: SAMBA (3.0.22) Print server: CUPS (1.2) SMTP servers: Postfix (2.2), Sendmail POP/IMAP servers: Cyrus-IMAP (2.2), Courier-IMAP (3.0)	Auto-installation server: PXE DHCP server: ISC dhcp-server FTP server: Proftpd, Pure-ftp DNS server: BIND

Support*	
Unlimited Web Support	
Valid for	1 year
Support scope	server
Response time	2 business days
Availability	24/7
Unlimited Phone Support	
Valid for	1 month
Support scope	server
Response phone time	2 business days
Availability	Monday-Friday: 9:00-18:00 (CET) - 9:00-12:00 / 14:00-18:00 (PST)
Security and development maintenance	
Included maintenance	1 year

*For more information on support, please visit <http://www.mandriva.com/support>

Note : Mandriva does not guarantee the compatibility of Mandriva Linux with all available hardware. You can find a complete list of certified compatible hardware at <http://www.mandriva.com/hardware>

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