Fedora 11 Installation & Features

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Overview

1- What is Fedora project ?

2- Fedora 11 Features

3- Installing Fedora 11

4- Summary...

1- What is Fedora project ?

- The Fedora Project is a project sponsored by Red Hat to coordinate the development of the Fedora operating system.

- Founded on September 2003 . The project consists of Red Hat employees, FEDORA showcases the latest in free and open source software.

2- Fedora 11 Features

1- **The Installation became Very easy**

- Package selection

    Anaconda now automatically selects packages from installation media and you can customize these packages later.

- Advanced layout

    Anaconda now automatically sets the layout of the partitions and does not ask you to add or delete partitions or file systems from this basic layout

- Bootloader configuration

    Anaconda now performs bootloader configuration automatically.

- International Language Support

2- Fedora 11 Features

2- **You just need** 20 **seconds to boot Fedora** 11

3-**Fingerprint**
   Fedora 11 made fingerprint readers easy to use as an
      authentication mechanism.

4-**Many more video cards, including Intel and Nvidia, and additional ATI works very fine with fedora** 11

2- Fedora 11 Features

5- （**Ext**4） **The default file system**

Fedora 11 utilizes ext4 as the default file system .
Which have new features

• Improvements in file systems and sizes:

File system size increased to one exabyte （1 EiB）

（there are 1152921504.61 giga byte in 1 exabyte）

File size limit is sixteen terabytes （16 TiB）

2- Fedora 11 Features

5- (**Ext**4) **The default file system**

No limit on number of sub-directories

- 10-50% faster file and directory creation, removal, copy, with faster write speed

- 500-1000% faster mount time. This is mostly noticeable on multi-TB volumes and embedded devices.

Easy to migrate from ext3 **to ext**4   # **ext**4**migrate**

2- Fedora 11 Features

6- **YUM**-**PRESTO**

Presto allows you to download the difference
(called the delta) between the package you
have installed and the one you want to update to.

This can reduce the download size of updates by
60% − 80%.

#yum install yum-presto

3- Fedora 11 Simple Installation

Welcome to Fedora 11-Preview!

- **Install or upgrade an existing system**
- Install system with basic video driver
- Rescue installed system
- Boot from local drive

Press [Tab] to edit options

Automatic boot in 50 seconds...

fedora

Select the appropriate keyboard for the system.

Serbian (latin)
Slovak (qwerty)
Slovenian
Spanish
Swedish
Swiss French
Swiss French (latin1)
Swiss German
Swiss German (latin1)
Tajik
Tamil (Inscript)
Tamil (Typewriter)
Turkish
Ukrainian
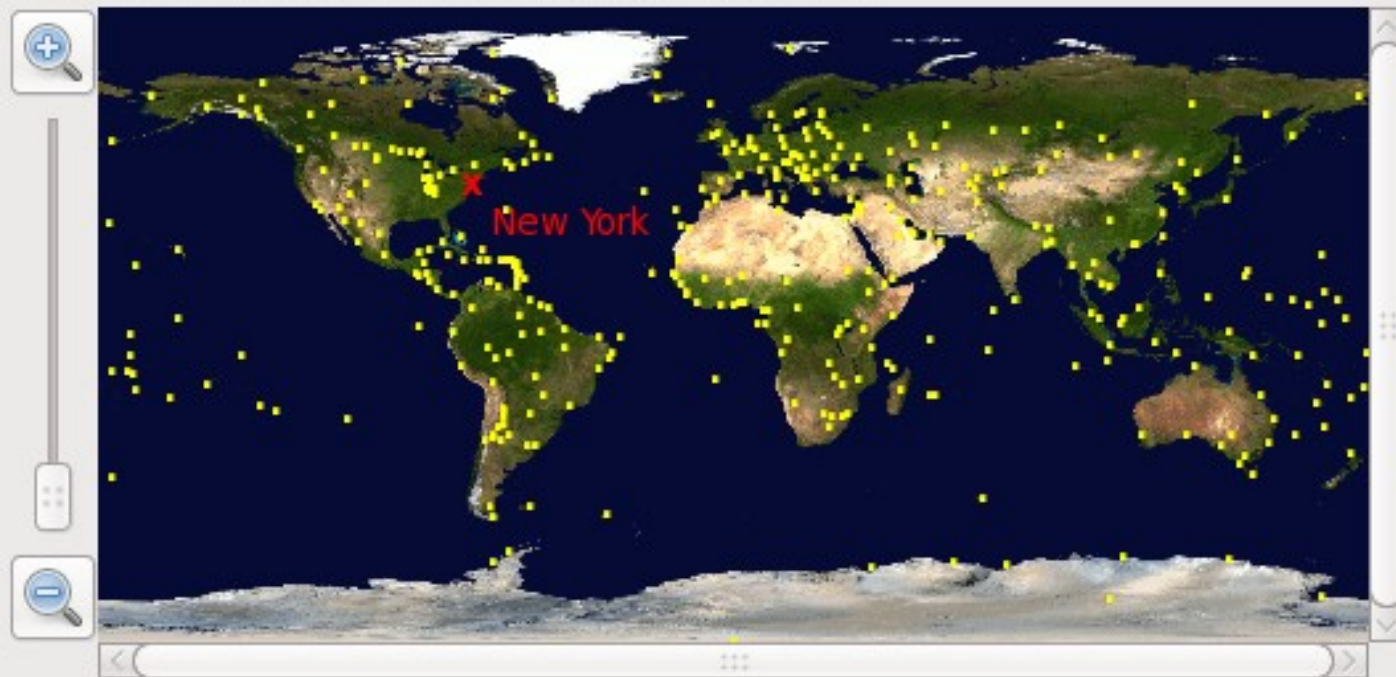United Kingdom
U.S. English
U.S. International

← Back   → Next

Please name this computer. The hostname identifies the computer on a network.

Hostname: localhost.localdomain

Back   Next

Please select the nearest city in your time zone:

Selected city: New York, America (Eastern Time)

America/New York ▾

☑ System clock uses UTC

⬅ Back   ➡ Next

The root account is used for administering the system. Enter a password for the root user.

Root Password: ●●●●●●●●●●●

Confirm: ●●●●●●●●●●

Back   Next

Installation requires partitioning of your hard drive. The default layout is suitable for most users. Select what space to use and which drives to use as the install target. You can also choose to create your own custom layout.

Use entire drive   ⌄

☐ Encrypt system

Select the drive(s) to use for this installation.

☑ sda   6142 MB   VMware, VMware Virtual S

✛ Advanced storage configuration

What drive would you like to boot this installation from?

sda   6142 MB VMware, VMware Virtual S   ⌄

☐ Review and modify partitioning layout

⬅ Back   ➡ Next

Installation requires partitioning of your hard drive. The default layout is suitable for most users. Select what space to use and which drives to use as the install target. You can also choose to create your own custom layout.

Use entire drive	⌄

☐ <u>E</u>ncrypt system

Select the drive(s) to use for this installation.

☑ sda   6142 MB   VMware, VMware Virtual S

➕ Advanced storag

What drive would you

sda 6142 MB VMw	⌄

☐ Re<u>v</u>iew and modify part
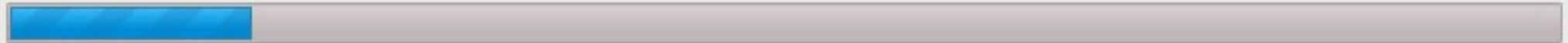
Writing storage configuration to disk ✕

⚠ The partitioning options you have selected will now be written to disk. Any data on deleted or reformatted partitions will be lost.
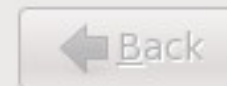
[Go <u>b</u>ack]   [<u>W</u>rite changes to disk]

⬅ <u>B</u>ack   ➡ <u>N</u>ext

Copying live image to hard drive.

Back   Next

Congratulations, your Fedora installation is complete.

Please reboot to use the installed system. Note that updates may be available to ensure the proper functioning of your system and installation of these updates is recommended after the reboot.
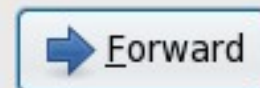
Back

Close

Welcome

There are a few more steps to take before your system is ready to use.
The Setup Agent will now guide you through some basic configuration.
Please click the "Forward" button in the lower right corner to continue

fedora™

Back   Forward

License Information

Thank you for installing Fedora. Fedora is a compilation of software packages, each under its own license. The compilation is made available under the GNU General Public License version 2. There are no restrictions on using, copying, or modifying this code. However, there are restrictions and obligations that apply to the redistribution of the code, either in its original or a modified form. Among other things, those restrictions/obligations pertain to the licensing of the redistribution, trademark rights, and export control.

If you would like to understand what those restrictions are, please visit http://fedoraproject.org/wiki/Legal/Licenses/LicenseAgreement.

Understood, please proceed.

Back   Forward

Create User

You must create a 'username' for regular (non-administrative) use of your system. To create a system 'username', please provide the information requested below.

Username: ldynasty

Full Name: Allen Sanabria

Password: ●●●●●●●●●●

Confirm Password: ●●●●●●●●●●

If you need to use network authentication, such as Kerberos or NIS, please click the Use Network Login button.

Use Network Login...

Back   Forward

Date and Time

Please set the date and time for the system.

| Date & Time | Network Time Protocol |

Date

‹	June	›			‹ 2009 ›

Sun	Mon	Tue	Wed	Thu	Fri	Sat
31	1	2	3	4	5	6
7	8	9	10	11	12	13
14	**15**	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	1	2	3	4
5	6	7	8	9	10	11

Time

Current Time : 04:22:39

Hour : 4

Minute : 15

Second : 54

⬅ Back   ➡ Forward

Welcome

License
Information

Create User

Date and Time

→ Hardware Profile

Hardware Profile

Smolt is a hardware profiler for The Fedora Project. Submitting your profile is a great way to give back to the community as this information is used to help focus our efforts on popular hardware and platforms. Submissions are anonymous. Sending your profile will enable a monthly update.

```
UUID: e3d66231-46db-4979-8f0e-7884be27e0eb
OS: Fedora release 11 (Leonidas)
Default run level: 5
Language: en_US.UTF-8
Platform: i686
BogoMIPS: 4666.80
CPU Vendor: GenuineIntel
CPU Model: Intel(R) Xeon(R) CPU        E5410  @ 2.33GHz
Number of CPUs: 1
CPU Speed: 2332
System Memory: 1003
System Swap: 2015
Vendor: VMware, Inc.
System: VMware Virtual Platform None
Form factor: unknown
Kernel: 2.6.29.4-167.fc11.i586
SELinux Enabled: True
SELinux Policy: targeted
```

○ Send Profile

◉ Do not send profile

← Back   Finish

localhost.localdomain

Allen Sanabria   Log in as ldynasty

Other...

⏸ Suspend   🔄 Restart   ⏻ Shut Down

Mon Jun 15, 4:24 AM

Summary

1- What is Fedora project ?

2- Fedora 11 Features

3- Installing Fedora 11

Thank YOU ... !

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