How to Dual Boot a Dell Laptop to use Microsoft & Linux

prepared by
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To Dual Boot

Objective: Identify the steps to dual boot a Dell Latitude D510

Purpose: To enhance technical experience by using Windows XP & SUSE 10.0 on the same laptop

Process: easy as 1-2-3

1) Obtain SUSE 10.0 CDs (5)
2) Insert CD, reboot, press F12, select Installation, choose components, install
3) Configure system and enjoy

Questions?

additional information available at wagoneers.com or

http://tech-meister.com/CS/LINUX/DualBootLaptop.pdf

the following are details not covered in the initial presentation

Obtain SUSE 10.0

1) Download SUSE 10.0 isos, burn images to CDs (5)

http://en.opensuse.org/Making_a_DVD_from_CDs

3) Borrow a set from a friend, foe or fellow student

4) Optional: Buy CD/DVDs – on line, ebay, Fry's or Amazon.com:

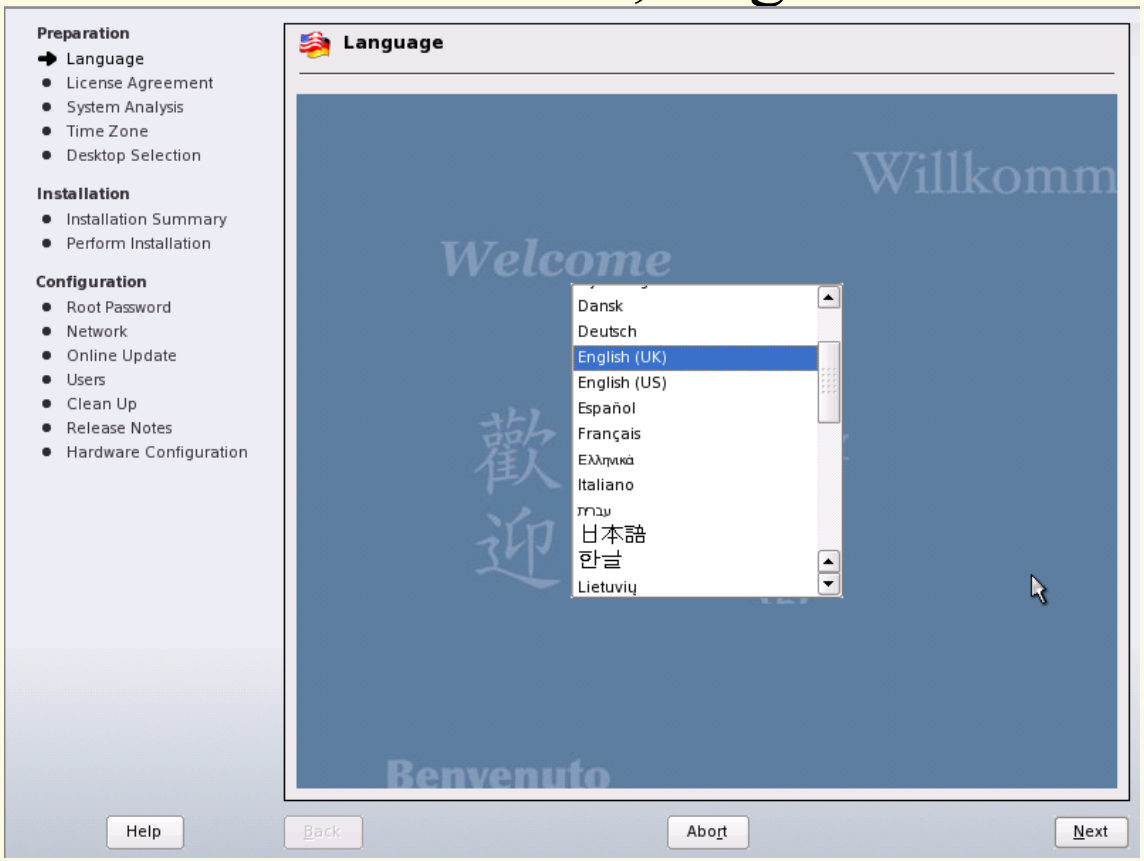
http://www.amazon.com/gp/search/103-5265089-3741411?search-alias=aps&keywords=SUSE

Installation Process – 1

- ✔ Insert CD #1, reboot Dell, press F12, select installation

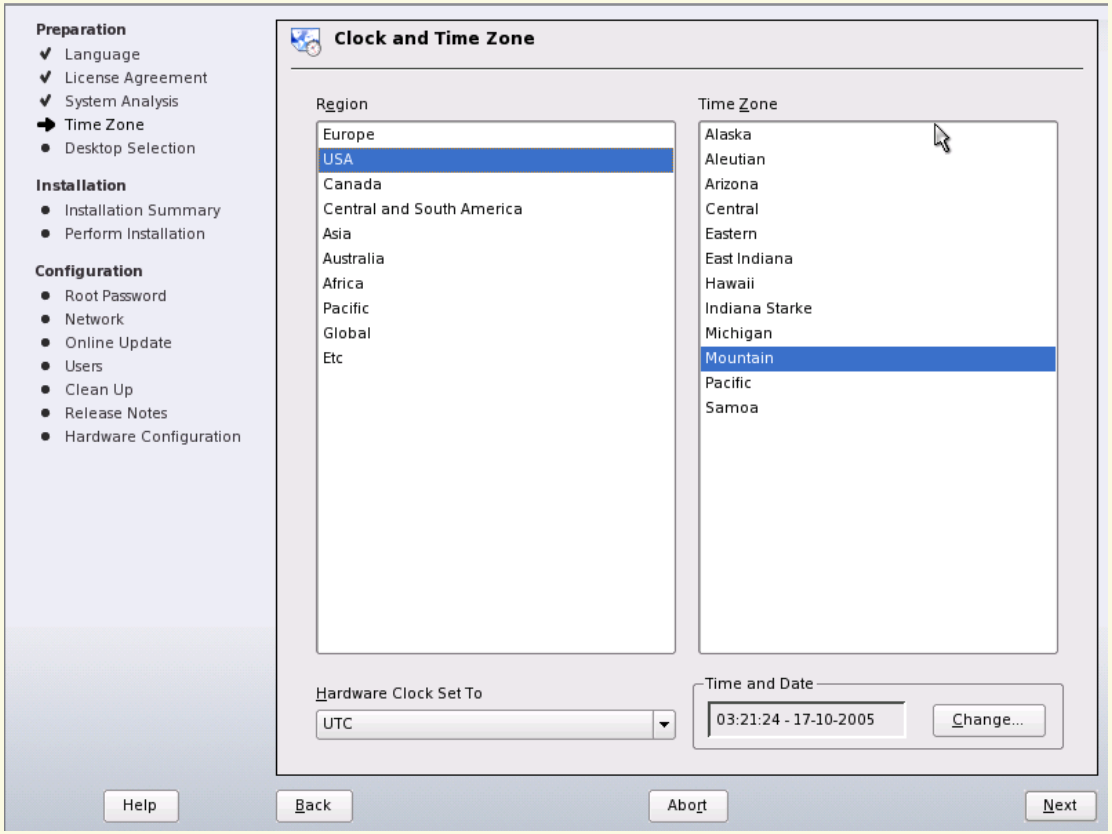
Installation Process – 2a

- ✔ Select configuration items: file systems, software to be loaded, or go with defaults!



Installation Process – 2b

- ✔ Select configuration items: file systems, software to be loaded, or go with defaults!

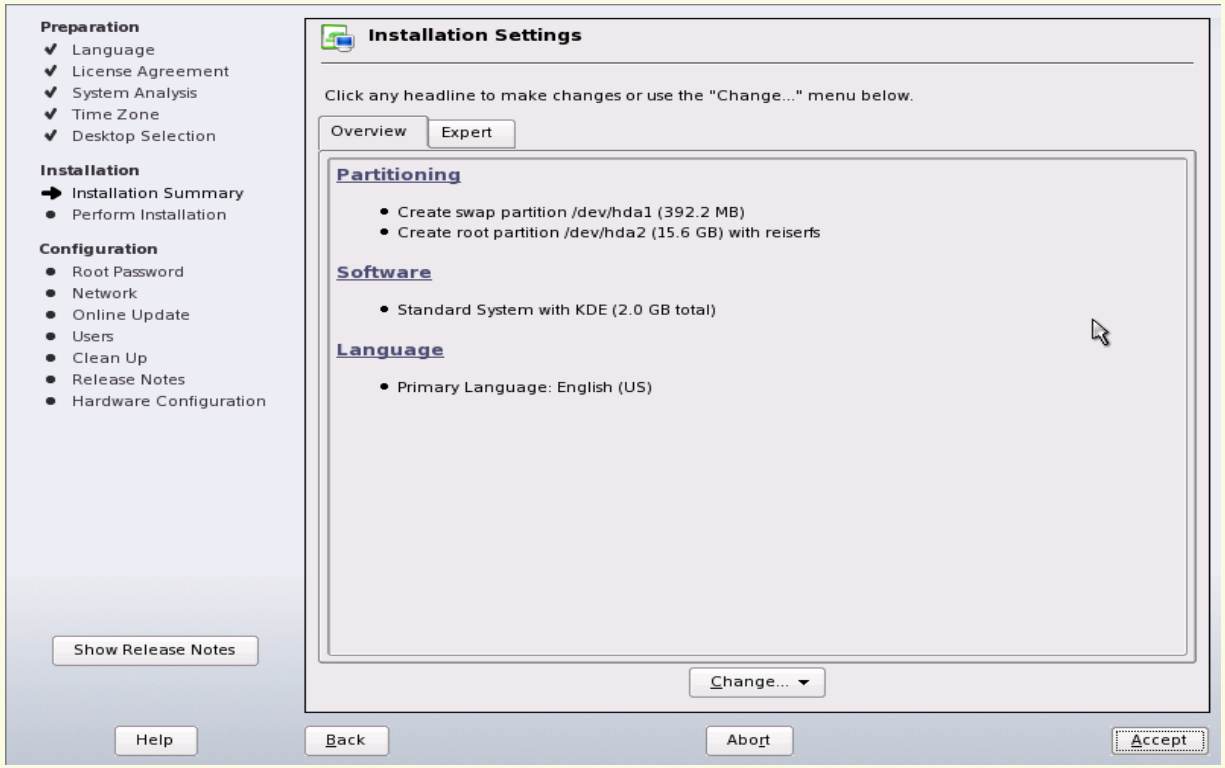


Installation Process – 2c

- ✔ Select configuration items: file systems, software to be loaded, or go with defaults!

Installation Process – 2d

- ✔ Select configuration items: file systems, software to be loaded, or **go with defaults**!



Installation Process – 2e

✔ **OPTIONAL** file system configuration: (sample fdisk information)

/dev/sda1 * 1 4000 32129968+ c W95 Fat32 (LBA)
/dev/sda2 4001 12411 68364607+ f W95 Ext'd (LBA)
/dev/sda3 12512 14469 15727635 83 Linux
/dev/sda4 14470 14593 996030 82 Linux swap / Solaris
/dev/sda5 4001 12511 68364576 b W95 FAT32

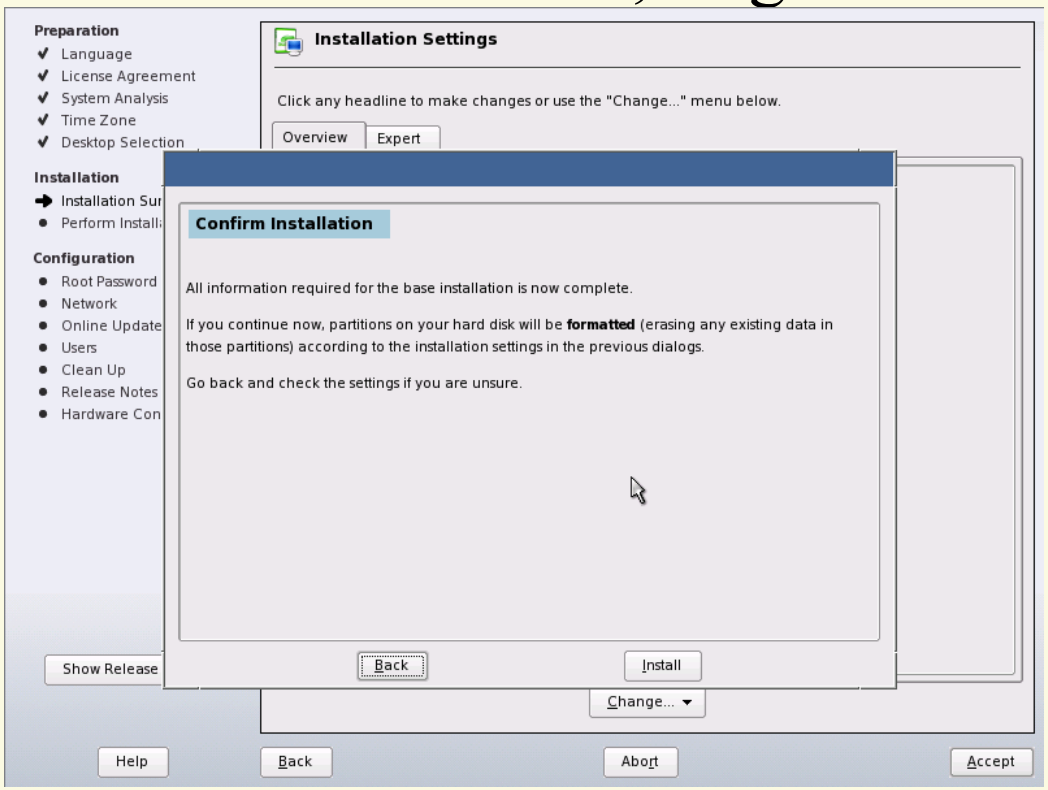
/dev/hda1 * 1 1275 10241405 c W95 fat32(lba)
/dev/hda2 1276 5099 30716280 f W95 Ext'd (LBA)
/dev/hda3 5100 7198 16860217+ 83 Linux
/dev/hda4 7199 7296 787185 82 Linux swap / Solaris
/dev/hda5 1276 5099 30716248+ b W95 FAT32

DELL D510 LAPTOP DETAILS: (need to add the Linux 83 & 82)

/dev/sda1 1 6 48163+ de Dell Utility
/dev/sda2 * 7 4863 39013852+ 7 HPFS/NTFS
/dev/sda3 4864 13500 69376702+ f W95 Ext'd (LBA)
/dev/sda5 4864 13500 69376702+ b W95 FAT32 (66GB)

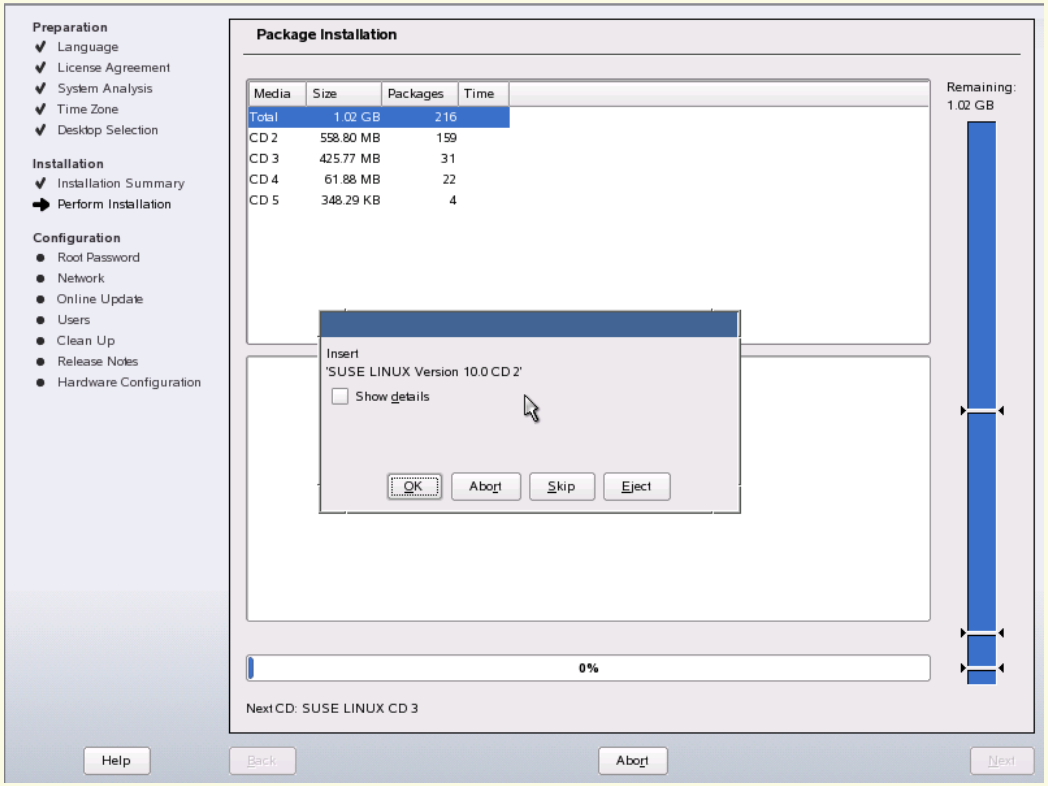
Installation Process – 2f

- ✔ Select configuration items: file systems, software to be loaded, or go with defaults!

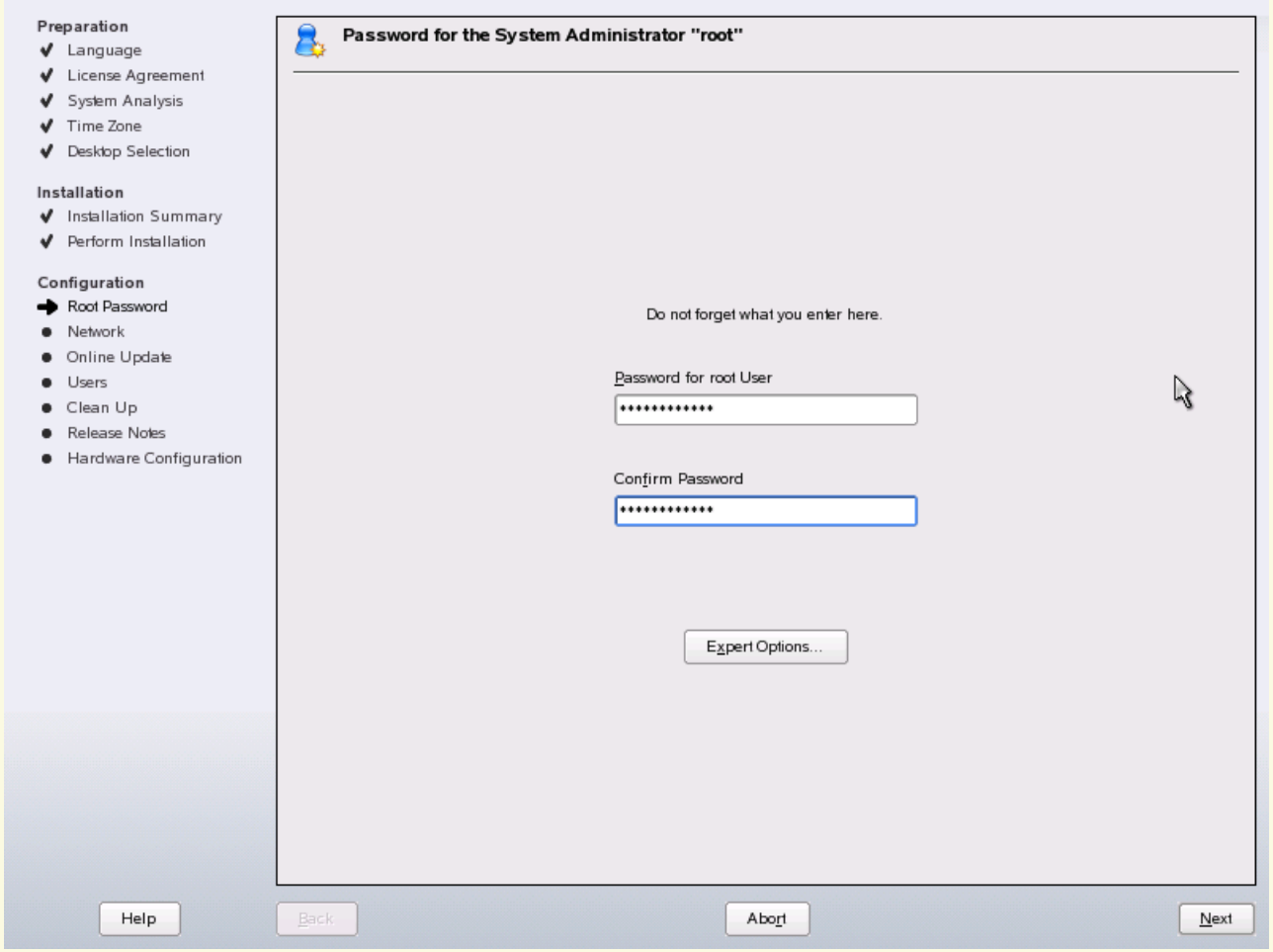


Installation Process – 3

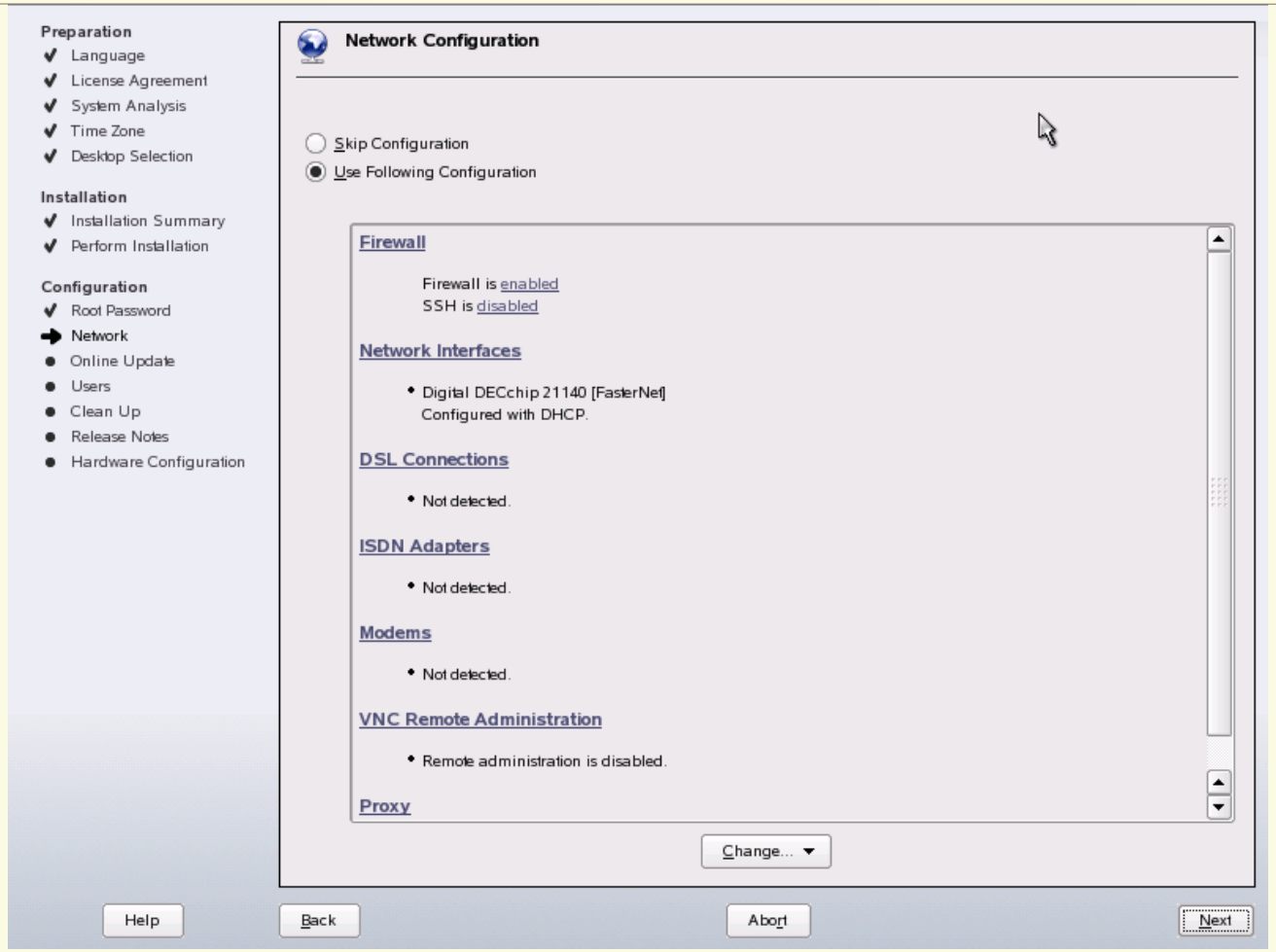
- load CDs as directed



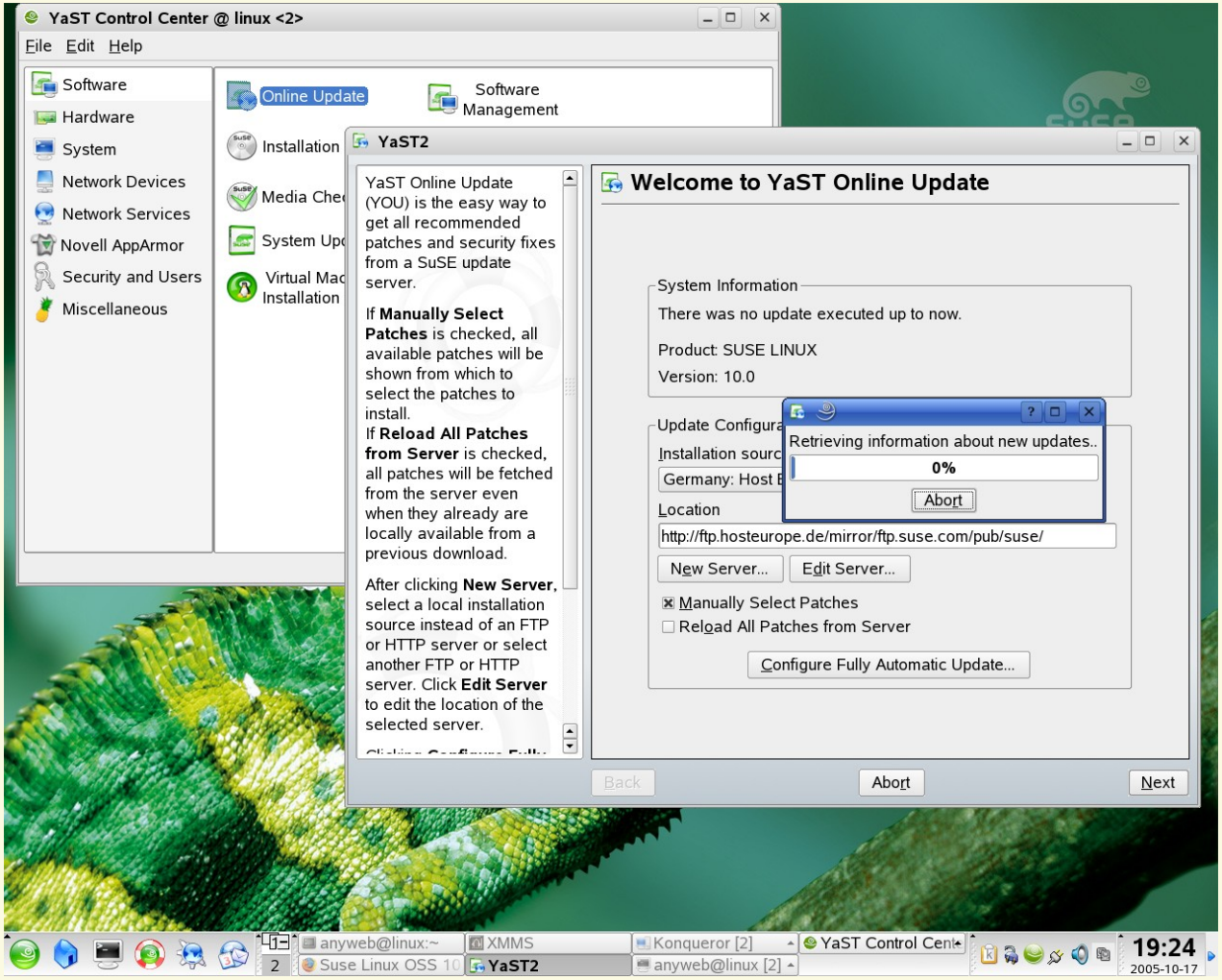
Configure Root Password



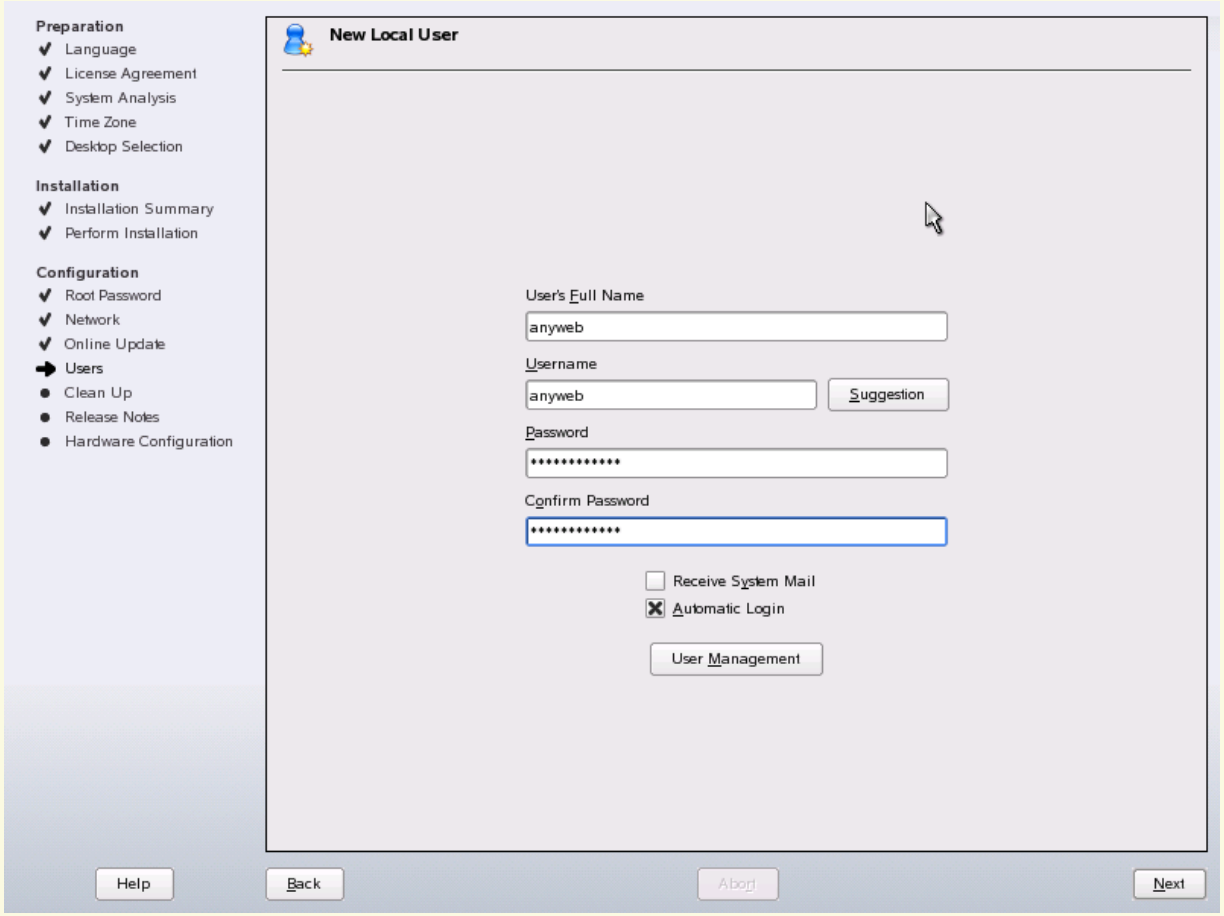
Configure Network



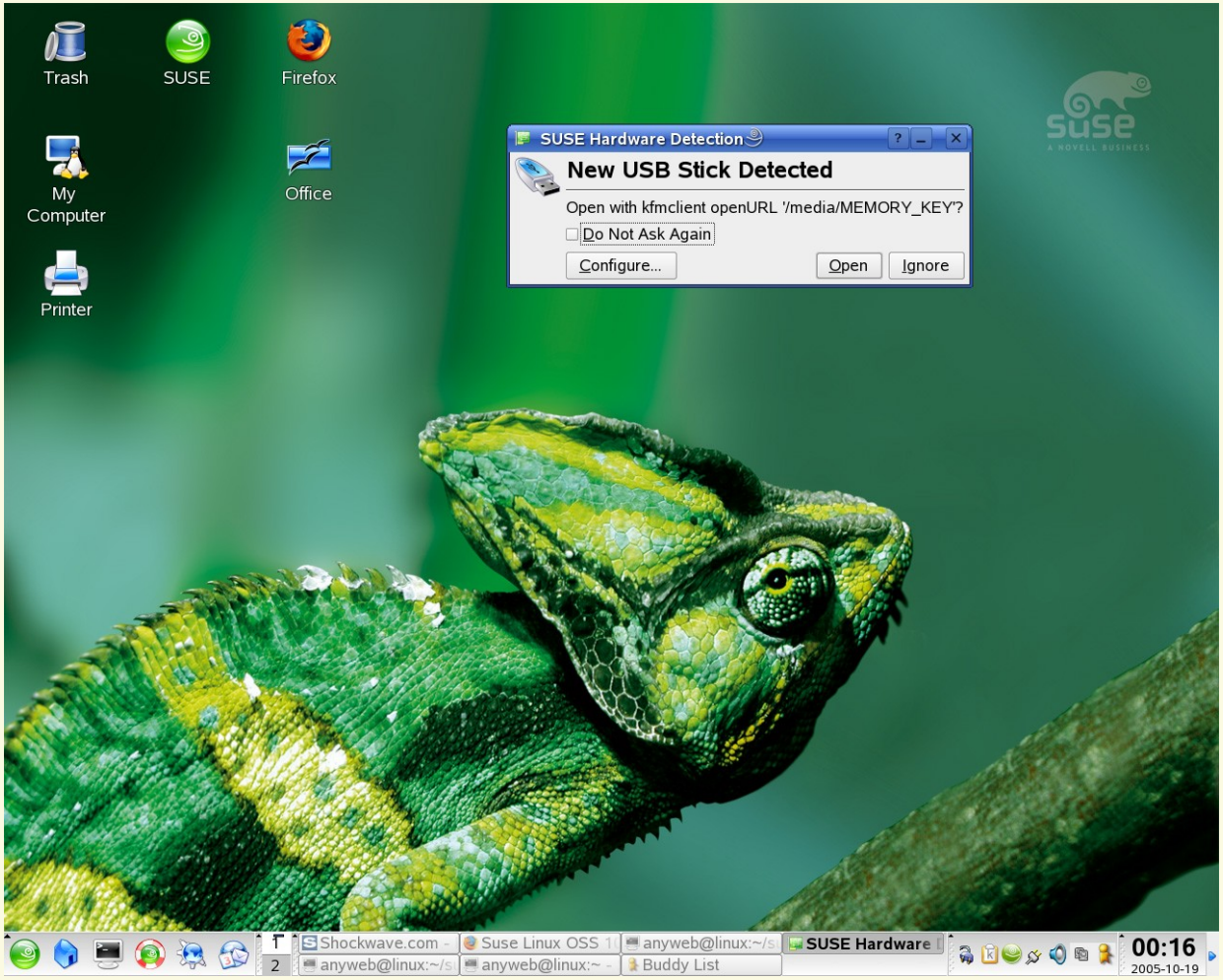
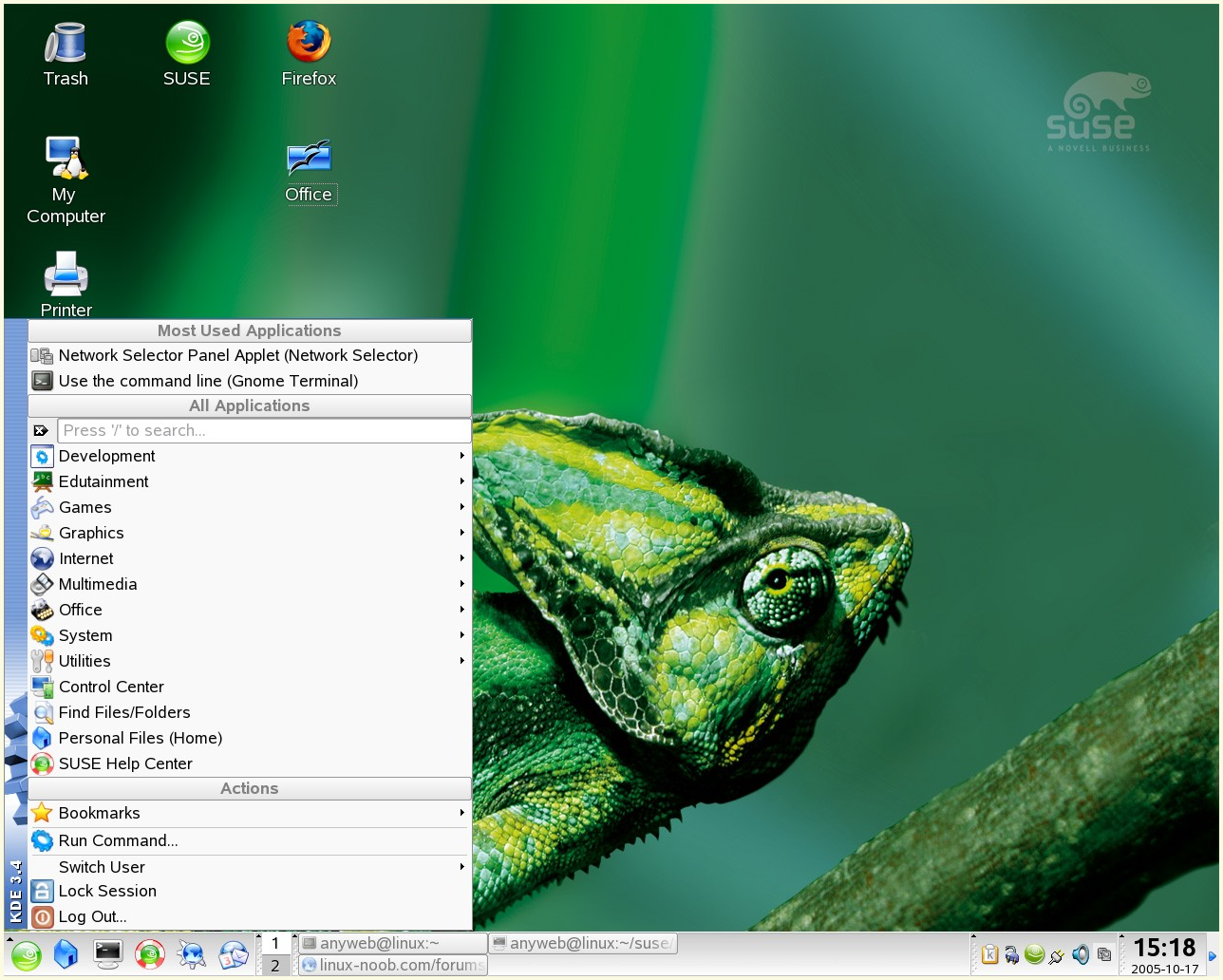
Online Updates



Configure User Password



Hardware Updates



Welcome to Linux