

如何安装 Zeroshell 在硬盘上



The multifunctional OS created by
<mailto:mFulvio.Ricciardi@zeroshell.net>
www.zeroshell.net

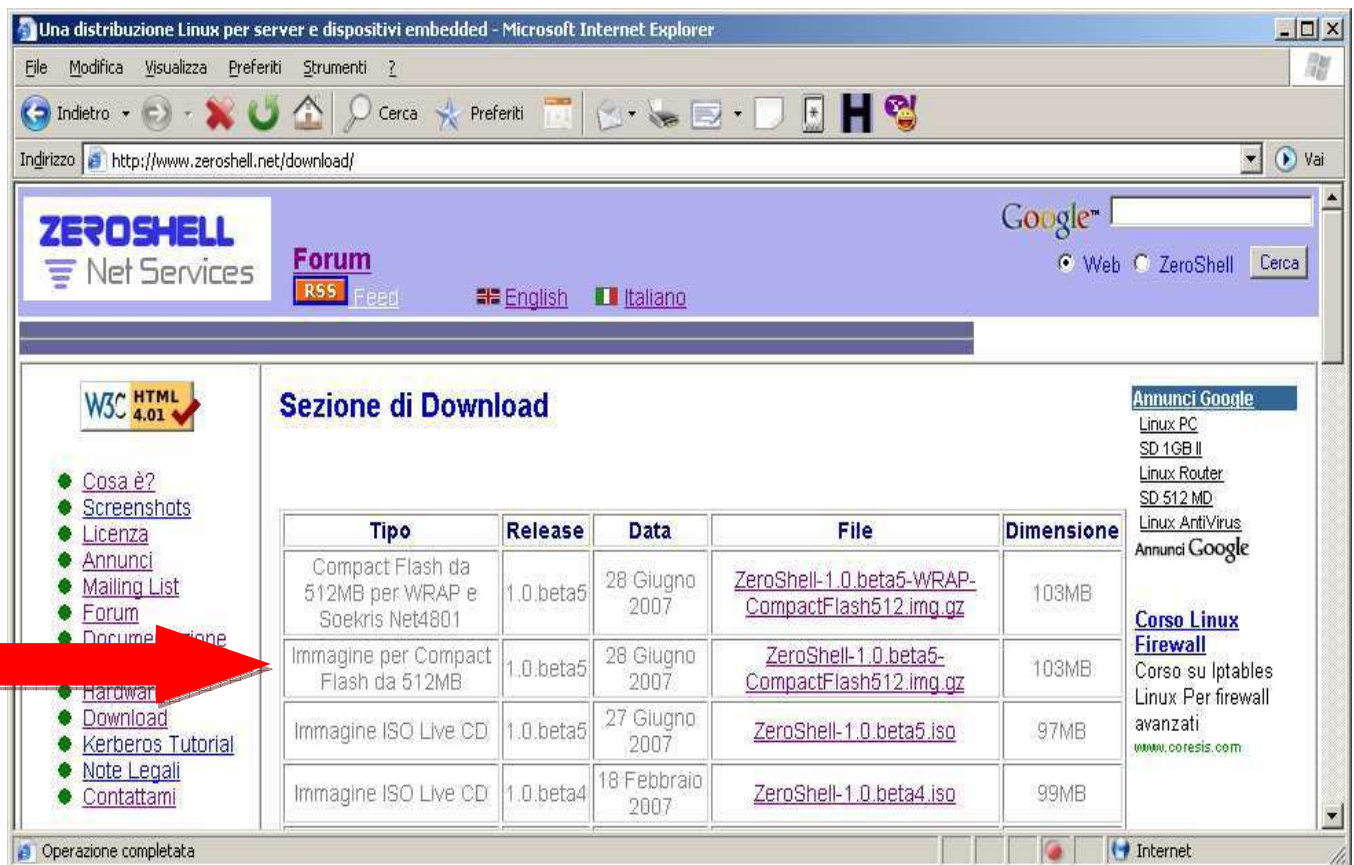
Installing on hard disk
(Author: Fulvio.Ricciardi@zeroshell.net)

这个指南将指导我们安装 Zeroshell 在硬盘上。

1. 如何开始
2. 通过网络连接 SSH
3. 检查硬盘
4. 准备目标磁盘
5. 挂载 USB 设备和安装 Zeroshell 系统

1. 如何开始:

我们需要从官方网站下载 [Zeroshell](http://www.zeroshell.net) 的闪存记忆体图像。点击左边框架并开始下载



The screenshot shows the Zeroshell website's download section. The browser title is "Una distribuzione Linux per server e dispositivi embedded - Microsoft Internet Explorer". The address bar shows "http://www.zeroshell.net/download/". The page header includes the Zeroshell logo, "Net Services", a "Forum" link, and language options for "English" and "Italiano". The main content area is titled "Sezione di Download" and contains a table with the following data:

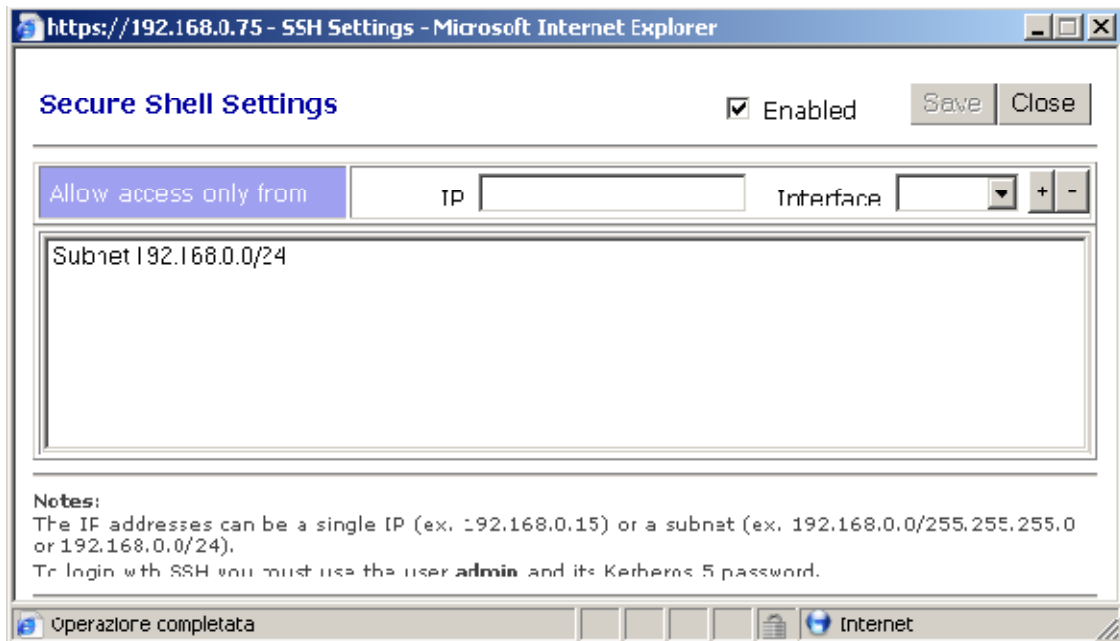
| Tipo | Release | Data | File | Dimensione |
|---|-----------|------------------|---|------------|
| Compact Flash da 512MB per WRAP e Soekris Net4801 | 1.0.beta5 | 28 Giugno 2007 | ZeroShell-1.0.beta5-WRAP-CompactFlash512.img.gz | 103MB |
| Immagine per Compact Flash da 512MB | 1.0.beta5 | 28 Giugno 2007 | ZeroShell-1.0.beta5-CompactFlash512.img.gz | 103MB |
| Immagine ISO Live CD | 1.0.beta5 | 27 Giugno 2007 | ZeroShell-1.0.beta5.iso | 97MB |
| Immagine ISO Live CD | 1.0.beta4 | 18 Febbraio 2007 | ZeroShell-1.0.beta4.iso | 99MB |

The left sidebar contains a navigation menu with links: "Cosa è?", "Screenshots", "Licenza", "Annunci", "Mailing List", "Forum", "Documentazione", "Hardware", "Download", "Kerberos Tutorial", "Note Legali", and "Contattami". A red arrow points to the "Download" link. The right sidebar features "Annunci Google" and "Corso Linux Firewall".

將下载了的文件重新命名...zeroshell.img.gz，并将它复制在您的 U 盘。将它插入 Zeroshell 计算机的 USB 端口, 然后从光盘启动计算机。

2. 通过网络连接 SSH

当 Zeroshell 已经启动，可以将含有 ZeroShell-1.0.beta5-CompactFlash512.img 的 U 盘插入 USB 端口。从 Zeroshell 的网界面 SSH 菜单中，启用本地子网(local subnet):



保存，然后您将能够使用 SSH 客户端 (putty) 连接到 Zeroshell

```
-----  
Authentication Required  
-----  
admin password:  
Successfully authenticated  
Type exit or Ctrl+D to return to main menu.
```

3. 检查硬盘

现在，我们检查 Zeroshell 是否发现我们的硬盘（硬盘和 U 盘）：

```
root@zeroshell root> fdisk -l
Disk /dev/hda: 10.1 GB, 10110320640 bytes
16 heads, 63 sectors/track, 19590 cylinders
Units = cylinders of 1008 * 512 = 516096 bytes
Device Boot Start End Blocks Id System
/dev/hda1 1 1985 1000408+ 83 Linux
Disk /dev/sda: 2063 MB, 2063597568 bytes
255 heads, 63 sectors/track, 250 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Device Boot Start End Blocks Id System
/dev/sda1 * 1 251 2015200+ b W95 FAT32
Partition 1 has different physical/logical endings:
phys=(249, 254, 63) logical=(250, 225, 39)
root@zeroshell root>
```

我的 IDE 硬盘是 /dev/hda 和 U 盘是 /dev/sda1。

4. 准备目标磁盘

不需要将你的磁盘分区，因为当我们解压 zeroshell 磁盘上的图像，一切自动完成。

5. 挂载 USB 设备和安装 Zeroshell 系统

现在我们需要挂载 U 盘/ dev/sda1。然后创建新目录 “chiavetta “在/ mnt 目录内

```
root@zeroshell root> cd /mnt/
root@zeroshell mnt> mkdir chiavetta
root@zeroshell mnt> ls
chiavetta loop1
root@zeroshell mnt>
root@zeroshell mnt> cd /
root@zeroshell /> mount /dev/sda1 /mnt/chiavetta
root@zeroshell />
```

现在/mnt/chiavetta 已经准备好,可以安装 Zeroshell 了

```
root@zeroshell /> cd /mnt/chiavetta
root@zeroshell chiavetta>
root@zeroshell chiavetta> gunzip -c zeroshell.img.gz>/dev/hda
root@zeroshell chiavetta>
root@zeroshell chiavetta> reboot
Broadcast message from root (pts/0) (Mon Jul 16 21:24:10 2007):
The system is going down for reboot NOW!
root@zeroshell chiavetta>
```

移除 U 盘并重新启动系统（移除光盘），它会从硬盘可以引导...