



Pound & Varnish

Balanceamento de Carga & Acelerador HTTP

Pound

- O que é o Pound
 - Proxy Reverso
 - Balanceador de Carga
 - Front-End HTTPS para Servidores Web
 - Licença GPL
- O que não é o Pound
 - Servidor Web
 - Acelerador Web

Instalando o Pound no Debian Etch

- Instalação Simplificada:
 - **# aptitude install pound**
- Arquivo de Configuração
 - **/etc/pound/pound.cfg**
 - **/etc/default/pound**
 - **startup=1**

pound.cfg

```
## Logging: (goes to syslog by default)
##      0      no logging
##      1      normal
##      2      extended
##      3      Apache-style (common log format)
LogLevel      1
```

```
## check backend every X secs:
Alive          30
```

```
ListenHTTP
```

```
    Address www.site.com
    Port    80
```

```
    Service
```

```
        Backend
```

```
            Address zope1.site.com
            Port    8080
```

```
        End
```

```
        Backend
```

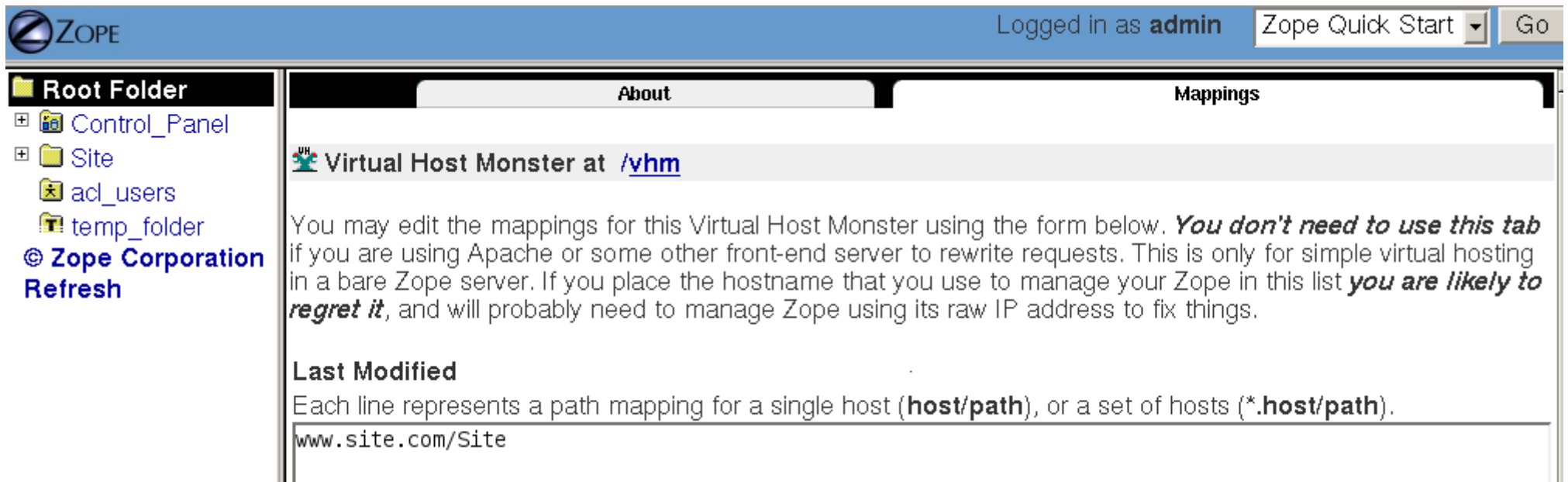
```
            Address zope2.site.com
            Port    8080
```

```
        End
```

```
    End
```

```
End
```

Virtual Host no Zope



The screenshot shows the Zope administration interface. The top navigation bar includes the Zope logo, the text "Logged in as admin", a dropdown menu for "Zope Quick Start", and a "Go" button. The left sidebar shows a "Root Folder" with sub-items: "Control_Panel", "Site", "acl_users", and "temp_folder". Below the sidebar is the "Zope Corporation" logo and a "Refresh" button. The main content area has two tabs: "About" (selected) and "Mappings". The "About" tab displays the title "Virtual Host Monster at /vhm" with a small icon. Below the title is a paragraph of text: "You may edit the mappings for this Virtual Host Monster using the form below. *You don't need to use this tab* if you are using Apache or some other front-end server to rewrite requests. This is only for simple virtual hosting in a bare Zope server. If you place the hostname that you use to manage your Zope in this list *you are likely to regret it*, and will probably need to manage Zope using its raw IP address to fix things." Below this text is a section titled "Last Modified" followed by the text: "Each line represents a path mapping for a single host (**host/path**), or a set of hosts (***.host/path**)." At the bottom of the page, there is a text input field containing the example mapping "www.site.com/Site".

Varnish

- É um acelerador HTTP somente
- Melhor Configuração
- Melhor Gerenciamento
- Rápido
- Características de Gerenciador de Conteúdo
- Licença BSD

Instalando o Varnish no Debian Etch

- Instalação Simplificada:
 - **# aptitude install varnish**
- Arquivo de Configuração:
 - **/etc/varnish/vcl.conf**

vcl.conf

- https://dl324b-1.cmb.usc.edu/projects/hapmap/browser/variation/trunk/web_interface/optilux-code-2007-10-21/extra

- plone-varnish-1.0.vcl
- plone.vcl

Quem usa Varnish?

```
connect: (www.plone.org, 80)
send: 'GET / HTTP/1.0\r\nHost: www.plone.org\r\nUser-agent: Python-urllib/1.16\r\n\r\n'
reply: 'HTTP/1.1 302 Moved Temporarily\r\n'
header: Server: nginx/0.5.26
header: Date: Mon, 15 Sep 2008 01:57:42 GMT
header: Content-Type: text/html
header: Content-Length: 161
header: Connection: close
header: Location: http://plone.org/
connect: (plone.org, 80)
(...)
header: Expires: Fri, 18 Sep 1998 01:56:49 GMT
header: Vary: Accept-Encoding
header: Last-Modified: Sun, 04 Dec 2005 12:13:31 GMT
header: X-Cache-Rules-Applied: yes
header: X-Caching-Rule-Id: frontpage
header: Cache-Control: max-age=0, s-maxage=3600, must-revalidate
header: X-Header-Set-Id: cache-in-proxy-1-hour
header: Content-Length: 46357
header: X-Varnish: 1899243585 1899243396
header: Age: 54
header: Via: 1.1 varnish
```

Informações

- <http://www.apsis.ch/pound/>
- <http://varnish.projects.linpro.no/>

Palestrante



Rogério Ferreira, trabalha na 4Linux como Consultor responsável por Infra Estrutura e Projetos de Zope e Plone. Possui Certificação LPIC-1, LPIC-2 e LPIC-3. É autor de Projeto de Software Livre em Governo Estadual, participou de Projeto de Zope/Plone no Governo Federal.