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## Setup Squid Proxy Server

```
apt-get install squid
```

Installs basic - but with no options.

## Config Squid Proxy for Inital Use

The following options were added into /etc/squid/squid.conf

```
http_port 3128  
cache_mem 8 MB
```

That Should be It!

To allow individual Clients besides Localhost

```
acl phi src 136.201.146.211  
http_access allow phi
```

Info and basic settings got from:

[http://www.howtoforge.com/linux\\_secure\\_browsing\\_squid](http://www.howtoforge.com/linux_secure_browsing_squid)

Main One = <http://www.debianhelp.co.uk/squid.htm>

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## Bandwidth Delay/Limit using Squid Proxy Server ->

Example Used:

```
delay_pools 1  
delay_class 1 3  
delay_access 1 allow users  
delay_access 1 deny all  
delay_parameters 1 -1/-1 64000/64000 6000/64000  
#asumed 256 is top speed  
#1250=10 Kbps
```

<http://www.squid-cache.org/mail-archive/squid-users/200411/0692.html>

More Info at: <http://knowlinux.blogspot.com/2006/04/bandwidth-throttling-using-squid.html>

## Logging on Squid Proxy Server

If you want to log all the access made to the Squid Proxy Server, which is very useful for debugging access requests, do the following:

```
vi /etc/squid/squid.conf  
#uncomment the following:  
cache_access_log /var/log/squid/access.log
```

Thats it.