

Forum:[Hack Forums](#)

Thread: [\[Tutorial\] How to setup Unrealircd on a vps/dedi](#) [\[Tutorial\]](#)

mad - March 4, 2013, 11:44 am

Unrealircd setup

First login to your vps, then do an update:

For CentOS

Code `yum update`Or Ubuntu

Code `apt-get update`Or Opensuse

Code `zypper update`

After the update is done, make sure that gcc & make are installed, if not installed you can install them by:

For CentOS

Code `yum install gcc`Code `yum install make`Use zypper/apt-get for other distributions as mentioned above.

To open the connections on your vps/dedi:

Code `vim /usr/sbin/include/bits/typesizes.h`Or if the file is not found on the above location you'll find it on:

Code `vim /usr/include/bits/typesizes.h`Change 1024 to 10000

Then:

Code `ulimit -n 10000`

Now grep the Unrealircd archive:

Code `wget chaosaroundtheworld.com/madpew/Unreal3.2.8.1.tar.gz`Extract the archive:

Code `tar zxvf Unreal3.2.8.1.tar.gz`Go to the Unreal directory

Code `cd Unreal3.2`Then do the config:

Code `./Config`Follow the steps and answer the question by just hitting enter till you reach where it asks about how many connections you want to use (The default is 1024, change it to 10000 and proceed)

After it finishes configuring you do:

Code `make`

After it finishes installing you have to add the unrealircd.conf file in your Unreal3.2 directory

Code `# ##`

`# # ME Block #`

`# ##`

`me {`

`name "mad.pwnsyounet";`

`info "mad";`

`numeric 1;`

`};`

`# ##`

`# # Admin Block #`

`# ##`

`admin {`

`"mad";`

```

"contact at what@gmail.com";

};

# ##
# # Class Block #
# ##

class clients
{
    pingfreq 90;
    maxclients 10000;
    sendq 500;
    recvq 32000;
};

# ##
# # Allow Block #
# ##

allow {
    ip *@*;
    hostname *@*;
    class clients;
    maxperip 2;
};

# ##
# # Listen Block #
# ##

listen *:6667;

{
    options
    {
        serversonly;
    };
};

# ##
# # Operator Block #
# ##

oper mad {
    class clients;
    from {
        userhost *@*;
    };
    password "OPERPASS";
    flags "zxcvbnmlkjhgfdsaqwertyuiopZXCVBNMLKJHGFDSAQEWRTYUIOP";
#    flags {
#        netadmin;

```

```
# global;
# can_rehash;
# can_override;
# };
    snomask *;
    maxlogins "10";
};
```

```
# ##
# # Settings #
# ##
```

```
drpass {
    restart "change";
    die "me";
};
```

```
set {
    network-name    "mad";
    default-server  "mad.pwnsyounet.net";
    services-server "services.pwnsyounet.net";
    help-channel    "#help";
    hiddenhost-prefix "mad";
    cloak-keys {
        // Don't use the same keys
        "aIRgFoAr1HnF5h5sDb7x4YwA6pW";
        "P9FdZnR1gl5sJ7hVz4Zb7x4YwpW";
        "OI8r1ZnR6gl3sJ7hVz4Zb7x4YnX";
    };
};
```

```
    hosts {
        local      "whatever.net";
        global     "whatever.net";
        coadmin    "whatever.net";
        admin      "whatever.net";
        netadmin   "whatever.net";
        servicesadmin "whatever.net";
        host-on-oper-up "yes";
    };
};
```

```
};
set {
    allowed-nickchars {
        latin1;
    };
    kline-address    "tano@mad.ro";
    modes-on-connect "+wG";
    modes-on-oper    "+xwgspH";
    restrict-usermodes "G";
    restrict-channelmodes "G";
    modes-on-join "+nmMust";
};
```

```

oper-auto-join "#flood";
dns {
    nameserver 127.0.0.1;
    timeout 2s;
    retries 2;
};
options {
    hide-ulines;
    show-connect-info;
    show-opermotd;
    allow-part-if-shunned;
    flat-map;
    fail-oper-warn;
};

maxchannelsperuser 30;
anti-spam-quit-message-time 100s;
static-quit "mad mymaster.";
oper-only-stats "*";

throttle {
    connections 30;
    period 60s;
};
anti-flood {
    nick-flood 50:60;
};
spamfilter {
    ban-time 1d;
    ban-reason "Spam/Advertising";
    virus-help-channel "#help";
};
default-bantime "0";

};

#   ## Modules ##

include "help.conf";
include "badwords.channel.conf";
include "badwords.message.conf";
include "badwords.quit.conf";
include "spamfilter.conf";
loadmodule "src/modules/commands.so";
loadmodule "src/modules/cloak.so";

#   ##
#   #   Log Block   #
#   ##

log ircd.log {
    maxsize 5MB;
    flags {

```

```

errors;
kills;
sadmin-commands;
chg-commands;
oper-override;
spamfilter;
kline;
tkl;
};
};

# ##
# # SHIT SHIT Block (NOT NEEDED :D) #
# ##

ban nick {
    mask "*S*e*r*v*";
    reason "Gesperrt";
};

ulines {
    services.super.com;
    stats.super.com;
};

#tld {
#   mask *@*;
#   motd "motd.conf";
#   rules "rules.conf";
#};

```

Edit the above config file and save it.

Now your unreal is ready to start:

Code `./unreal start`

Now you can connect to your server using mIRC or any other Irc client you use
/server ip.of.your.server port(the port you chose in the listen block in the config file.)

This is my first tutorial, hope it helped users understand how to setup their own Irc.

If you have any question feel free to ask and i'll be glad to help.

Thank you.

Tibit - March 4, 2013, 11:54 am

Nice tutorial mad, good work, looks nice. :)

?Fear - March 4, 2013, 11:56 am

Nice tutorial man, looks nice. It will sure help some of the new users. Good work!

John Constantine - March 4, 2013, 1:07 pm

Nice work. I'm sure people will use this.

Maybe you should also write a tutorial on how to install Anope Services and configure it with unrealircd?

mad - March 4, 2013, 1:17 pm

(Mar 4, 2013 12:54 PM)Tibit Wrote: [\[CITE\]](#) Nice tutorial mad, good work, looks nice. :)

(Mar 4, 2013 12:56 PM)?Fear Wrote: [\[CITE\]](#) Nice tutorial man, looks nice. It will sure help some of the new users. Good work!

Thanks and glad you like it.

(Mar 4, 2013 02:07 PM)Avatar Aang Wrote: [\[CITE\]](#) Nice work. I'm sure people will use this.

Maybe you should also write a tutorial on how to install Anope Services and configure it with unrealircd?

I'll be writing more irc related tutorials whenever i have time to.

Glad you like my tut.

Verilog - March 4, 2013, 5:36 pm

Nice tutorial mate, keep them comming :)

~V

Codevade - March 4, 2013, 5:55 pm

Very nice: <https://hackforums.net/showthread.php?tid=503643>

John Constantine - March 5, 2013, 9:32 am

(Mar 4, 2013 02:17 PM)mad Wrote: [\[CITE\]](#) I'll be writing more irc related tutorials whenever i have time to.

Sounds legit. Thanks for your effort!

Powerful Nekomancer - March 5, 2013, 3:54 pm

Sorry I'm new here.. But how this relate to botnet and getting a load of installs?

mad - March 5, 2013, 3:57 pm

(Mar 5, 2013 04:54 PM)Synister Wrote: [\[CITE\]](#) Sorry I'm new here.. But how this relate to botnet and getting a load of installs?

To have an irc botnet, you need to be having an Irc server running, and this tutorial shows how to setup that.

Powerful Nekomancer - March 5, 2013, 3:58 pm

(Mar 5, 2013 04:57 PM)mad Wrote: [\[CITE\]](#) To have an irc botnet, you need to be having an Irc server running, and this tutorial shows how to setup that.

Sorry again. But what could an IRC Botnet be used for?

John Constantine - March 5, 2013, 4:01 pm

(Mar 5, 2013 04:58 PM)Synister Wrote: [\[CITE\]](#) Sorry again. But what could an IRC Botnet be used for?

Obvious troll is obvious.

-35chars

mad - March 5, 2013, 4:06 pm

(Mar 5, 2013 04:58 PM)Synister Wrote: [\[CITE\]](#) Sorry again. But what could an IRC Botnet be used for?

<http://justfuckinggoogleit.com>

The best place you should be.

mad - March 7, 2013, 4:27 pm

putting this back up to make easier to find.

ItsFluffy - March 7, 2013, 5:03 pm

nice tutorial but remember, you always ought to include pictures, always

mad - March 7, 2013, 5:33 pm

(Mar 7, 2013 06:03 PM)ItsFluffy Wrote: [\[CITE\]](#) nice tutorial but remember, you always ought to include pictures, always

Will try to improve.

Thanks for the advice.

Linux Server - March 13, 2013, 6:06 pm

Nice tutorial I think many people will find this useful.

mad - March 15, 2013, 10:07 pm

Glad my tut helped people.

More to come soon I hope.

J?ey - April 16, 2013, 3:38 pm

Vouch for this ownage tutorial.

Thanks mad :*

Steve Mcgarret - May 14, 2013, 4:41 am

Good job mad, very nice and helpful tutorial.

DI?E - May 14, 2013, 6:37 am

This was so needed. Keep up the tutorials. You should do one on installing a HTTP Botnet on a VPS seeing as I get alot of people asking on how to do this.

Mr. Scatman Jonas - May 14, 2013, 6:55 am

This doesn't work for me. It says it can't find ircd.log and then it exits... lol

mad - May 16, 2013, 1:15 am

(May 14, 2013 06:55 AM)Mr. Scatman Jonas Wrote: [\[CITE\]](#) This doesn't work for me. It says it can't find ircd.log and then it exits... lol

At which step do you get this error?

GDFolksBos6 - May 31, 2013, 11:47 am

wget chaosaroundtheworld.com/madpew/unrealircd.conf

gets a 404 error can you fix that please.

satsu - June 1, 2013, 3:27 am

Nice tutorial I think many people will find this useful.

thanks a lot friend

mad - June 25, 2013, 4:59 pm

(May 31, 2013 11:47 AM)GDFolksBos6 Wrote: [\[CITE\]](#) wget chaosaroundtheworld.com/madpew/unrealircd.conf

gets a 404 error can you fix that please.

Added the config as a code. ?

thatoneguy64 - December 18, 2013, 12:44 pm

nice tutorial, thanks for the info :)

sannu3250 - December 19, 2013, 10:29 am

i am getting this error .. please help ..

```
[root@Newton Unreal3.2.10.2]# ./config
```

```
-bash: ./config: No such file or directory
```

thanks in advance ...

designed - December 19, 2013, 12:11 pm

you need to type `"/Config"` with a capital C

The Ratchet Realm - November 14, 2015, 2:58 pm

Nice tutorial man, I remember this shit.

BigMre - November 14, 2015, 3:18 pm

where do define the oper?

The Ratchet Realm - November 14, 2015, 6:22 pm

(Nov 14, 2015 04:18 PM)BigMre Wrote: [\[CITE\]](#) where do define the oper?

You define it in the unrealircd.conf.