

Forum:[Hack Forums](#)

Thread: [\[TUT\] Unrealircd setup](#)

kingkelvin135 - June 17, 2012, 11:44 pm

Here a tut on how to setup your very own IRC

What you need

I recommend <https://www.digitalocean.com/>

- 1.VPS
- 2.Putty
- 3.Filezilla

Step:1

PHP Code

```
<?php
```

Centos vps: Type in yum install gcc

Ubuntu vps: Type in apt-get install gcc

step:2

Type in:

PHP Code

```
<?php
```

wget <http://www.unrealircd.com/downloads/Unreal3.2.10.tar.gz>

Then type in: tar zxvf Unreal3.2.10.tar.gz

Step:3

Type in:

PHP Code

```
<?php
```

apt-get install build-essential

apt-get install openssl

apt-get install libcurl4-openssl-dev

If you are using Centos put "yum" instead of "apt"

Step:4

Type in: cd Unreal3.2.10

Then type in:[php] ./Config

Step:5

PHP Code

```
<?php
```

touch ircd.log

touch ircd.motd

touch ircd.rules

Step:6

Type in: nano unrealircd.conf

Then copy and paste

PHP Code

```
<?php
loadmodule "src/modules/commands.so";
loadmodule "src/modules/cloak.so";

include "help.conf";
include "badwords.channel.conf";
include "badwords.message.conf";
include "badwords.quit.conf";
include "spamfilter.conf";

me
{
    name "change this to your no ip blah.servequake.com";
    info "name it somthing random this is to name your irc so it can be w/e you like";
    numeric 1;
};
admin {
    "hhh";
    "hhh";
    "a@aol.com";
};
class clients
{
    pingfreq 90;
    maxclients 50000;
    sendq 100;
    recvq 8000;
};
class servers
{
    pingfreq 90;
    maxclients 10; /* Max servers we can have linked at a time */
    sendq 100;
    connfreq 100; /* How many seconds between each connection attempt */
};
allow {
    ip *@*;
    hostname *@*;
    class clients;
    maxperip 5;
};
allow channel {
    channel "#channel";
};
oper username here {
    class clients;
    from {
        userhost *@*;
    };
    password "youre pass";
    flags
    {
```

```

    netadmin;
    can_zline;
    can_gzline;
    can_gkline;
    global;
    can_override;
};
};
listen *:1234 port change
{
    options
    {
        clientsonly;
    };
};
ulines {
    services.roxnet.org;
    stats.roxnet.org;
};
drpass {
    restart "restart1";
    die "die1";
};
log "ircd.log" {
    /* Delete the log file and start a new one when it reaches 2MB, leave this out to always use the
    same log */
    maxsize 2097152;
    flags {
        oper;
        kline;
        connects;
        server-connects;
        kills;
        errors;
        sadmin-commands;
        chg-commands;
        oper-override;
        spamfilter;
    };
};
alias "identify" {
    format "^#" {
        target "chanserv";
        type services;
        parameters "IDENTIFY %1-";
    };
    format "^[^#]" {
        target "nickserv";
        type services;
        parameters "IDENTIFY %1-";
    };
    type command;
};
};

```

```

/* Standard aliases */
alias "services" {
    format "^#" {
        target "chanserv";
        type services;
        parameters "%1-";
    };
    format "^[^#]" {
        target "nickserv";
        type services;
        parameters "%1-";
    };
    type command;
};
alias "identify" {
    format "^#" {
        target "chanserv";
        type services;
        parameters "IDENTIFY %1-";
    };
    format "^[^#]" {
        target "nickserv";
        type services;
        parameters "IDENTIFY %1-";
    };
    type command;
};
alias "glinebot" {
    format ".+" {
        command "gline";
        type real;
        parameters
"%1 2d Bots are not allowed on this server, please read the faq at http://www.example.com/faq/123"
;
    };
    type command;
};
tld {
    mask "*@*.fr";
    motd "ircd.motd";
    rules "ircd.rules";
};
ban nick {
    mask "*C*h*a*n*S*e*r*v*";
    reason "Reserved for Services";
};
ban ip {
    mask 195.86.232.81;
    reason "Delinked server";
};
ban server {
    mask eris.berkeley.edu;
    reason "Get out of here.";
};

```

```

};
ban user {
    mask *tirc@*.saturn.bbn.com;
    reason "Idiot";
};
ban realname {
    mask "Swat Team";
    reason "mIRKFORCE";
};
ban realname {
    mask "sub7server";
    reason "sub7";
};
except ban {
    /* don't ban stskeeps */
    mask *stskeeps@212.*;
};
deny dcc {
    filename "*sub7*";
    reason "Possible Sub7 Virus";
};
deny channel {
    channel "*warez*";
    reason "Warez is illegal";
};
vhost {
    vhost i.hate.microsefrs.com;
    from {
        userhost *@*.image.dk;
    };
    login stskeeps;
    password moocowsrulemyworld;
};
/* Network configuration */
set {
    network-name    "a name";
    default-server  "irc.1.1.1.1"; change
    services-server "services.1.1.1.1";
    stats-server    "stats.1.1.1.1";
    help-channel    "#Help";
    hiddenhost-prefix "4 letter";
    /* prefix-quit    "no"; */
    /* Cloak keys should be the same at all servers on the network.
    * They are used for generating masked hosts and should be kept secret.
    * The keys should be 3 random strings of 5-100 characters
    * (10-20 chars is just fine) and must consist of lowcase (a-z),
    * upcase (A-Z) and digits (0-9) [see first key example].
    * HINT: On *NIX, you can run './unreal gencloak' in your shell to let
    * Unreal generate 3 random strings for you.
    */
    cloak-keys {
        "anoAr1HnR6gl3sJ7hVz4Zb7x4Ywpr";
        "anoAr1HnR6gl3sJ7hVz4Zb7x4Ywpy";
    }

```

```

"anoAr1HnR6gl3sJ7hVz4Zb7x4Ywpb";
};
/* on-oper host */
hosts {
    local "locop.roxnet.org";
    global "ircop.roxnet.org";
    coadmin "coadmin.roxnet.org";
    admin "admin.roxnet.org";
    servicesadmin "csops.roxnet.org";
    netadmin "netadmin.roxnet.org";
    host-on-oper-up "no";
};
};

/* Server specific configuration */

set {
    kline-address "mothafucka@microsoft.com";
    modes-on-connect "+ixw";
    modes-on-oper "+xwgs";
    oper-auto-join "#channel";
    options {
        hide-ulines;
        /* You can enable ident checking here if you want */
        /* identd-check; */
        show-connect-info;
    };

    maxchannelsperuser 10;

    anti-spam-quit-message-time 10s;

    oper-only-stats "okfGsMRUEeLLCXzdD";

    /* Throttling: this example sets a limit of 3 connection attempts per 60s (per host). */
    throttle {
        connections 5;
        period 60s;
    };

    /* Anti flood protection */
    anti-flood {
        nick-flood 3:60; /* 3 nickchanges per 60 seconds (the default) */
    };

    /* Spam filter */
    spamfilter {
        ban-time 1d; /* default duration of a *line ban set by spamfilter */
        ban-reason "Spam/Advertising"; /* default reason */
        virus-help-channel "#help"; /* channel to use for 'viruschan' action */
        /* except "#help"; channel to exempt from filtering */
    };
};

```

```
/*
* Problems or need more help?
* 1) www.vulnscan.org/UnrealIRCd/unreal32docs.html
* 2) www.vulnscan.org/UnrealIRCd/faq/ <- contains 80% of your questions!
* 3) If you still have problems you can go irc.ircsystems.net #unreal-support,
* note that we require you to READ THE DOCUMENTATION and FAQ first!
*/
```

Edit it to your wishes

save it control x

PHP Code

<?php

Step 7

Type in: ./unreal start

Your Done ?

PM if you need help

Napalm of Dildonia - June 17, 2012, 11:48 pm

Holy shit. I was expecting garbage, but this is spot-on.

kingkelvin135 - June 17, 2012, 11:49 pm

Lol, Thanks man appreciate the complement ^_^

MrPip - June 19, 2012, 5:44 pm

Great tutorial, keep up the HQ ! ?

ItsFluffy - June 19, 2012, 7:48 pm

Nice but you should include a sub tut for adding nix since there are plenty of tuts but not thorough

Napalm of Dildonia - June 19, 2012, 7:51 pm

(Jun 19, 2012 07:48 PM)ItsFluffy Wrote: [\[CITE\]](#) Nice but you should include a sub tut for adding nix since there are plenty of tuts but not thorough

IMO, not necessary. This tut is exactly as described, no more, no less. That is something that should be its own tut.

Night Weave - July 7, 2012, 6:49 pm

dam nice thread this well help all the new members good job

BowseR_Is_GoD - July 7, 2012, 7:32 pm

sorry to say but your .conf file is relly bad

Black!HatCat - July 25, 2012, 7:19 am

Really great tutorial :)? I will test it on my VPS ;) Thanks dude ?

Regards ?

Spooky1611 - July 25, 2012, 11:10 am

great tut thanks dude

dka9cnra9imxrxapr3mu

Night Weave - July 26, 2012, 8:20 am

nope this all wrong bro you dont know what you are doing bro and most people have centos bro so the commands are wrong i shold make a thread

Black!HatCat - August 1, 2012, 3:19 am

Heho Guys? i following the steps but i become after my configurations a error message with the following contents " error message cannot run C compiled programs
if you meant to cross compile use -- host " ? I think it is a kernel probleme ? ?

Why the program cant compiled it? When i check the newest version of gcc or the kernels, centos shows me that all have the newest version , and i must nothink to do ?

regards ?

zero8 - August 14, 2012, 10:18 pm

```
unrealircd.conf:16: Ignoring extra data
unrealircd.conf:203: Ignoring extra data  unrealircd.conf:203: Ignoring extra data
unrealircd.conf:203: Ignoring extra data
* unrealircd.conf:203: Ignoring extra data
[error] unrealircd.conf: Unexpected EOF for variable starting on line 203
[error] Could not load config file unrealircd.conf
[error] IRCd configuration failed to load
Possible error encountered (IRCd seemingly not started)
```

help?

Fossil - August 14, 2012, 10:28 pm

Great tutorial OP.

I hope that you keep it up! :)

MycroKoder - September 13, 2012, 1:59 pm

Great tutorial mate , im new to this and need all the help I can get

Cheers

kingkelvin135 - September 13, 2012, 2:38 pm

Please post if you need any assistance.

roma4ka - September 30, 2012, 7:03 am

Great Tut At last a good tutorial that will really help someone!!
at least me!!! :)

Working on it right now ^^ may I pm you if something will go wrong ?

Slurping - December 25, 2012, 8:27 pm

Are there any mods that should be made to the off the shelf and out of the box Unreal configuration other than what is necessary to get the stock ircd running as a C&C?

I ask because there was once upon a time a modded Unreal for this purpose but I wonder if the diff is still relevant?

(Sorry for the old/late reply)

Maghbool - December 30, 2012, 8:54 pm

Very high quality tutorial, good job.

zShotS is Back - December 31, 2012, 9:20 am

Nice, only one problem; In step 3, you tell people to replace apt with yum for OS variants, but that would leave kids typing "yum get install openssl" instead of "yum get openssl"

Would save you a lot of PMs lol

kingkelvin135 - December 31, 2012, 5:19 pm

This Thread has been updated to Unreal3.2.10 with TSWR™ Unrealircd.conf.

defunk - January 5, 2013, 5:09 pm

nice tut man, I used this in my IRCd setup and the default example.conf. Seems things are working. Woo!

Jiszle - January 6, 2013, 9:35 am

High quality tutorial here, couldn't get much better than this. :)

Fellow - January 6, 2013, 11:22 am

Thank you so much man!, Appreciated.

Barto - January 6, 2013, 4:04 pm

Short and sweet gets the job done.

build-essential contains the compiler though; hence step not required.

Slurping - January 13, 2013, 9:49 am

(Dec 31, 2012 10:20 AM)zShotS is Back Wrote: [\[CITE\]](#) Nice, only one problem; In step 3, you tell people to replace apt with yum for OS variants, but that would leave kids typing "yum get install openssl" instead of "yum get openssl"

Would save you a lot of PMs lol

LOL there are probably already kids accustomed to GUIs typing `rm -fr /*` just because some malicious twit on IRC told them that was the "Steal All Bots" command. I am all for teaching kids how to use a CLI to get things done faster (and often better) but as soon as we start talking about a real OS, it starts to get a little scary in here :)

Thank you for that .conf kingkelvin135 for newbies like me that should be very helpful.

Shot Caller - April 11, 2013, 2:38 am

I have a problem with the last step on CentOS 6, I type the command and get this.

```
[root@gallery Unreal3.2.10]# ./unreal start
-bash: ./unreal: No such file or directory
```

sannu3250 - January 3, 2014, 2:38 am

i think make command is missing .. edit it up ..

exploitmaster - January 3, 2014, 1:10 pm

Nice tutorial thankz man and compliment of the season

Toxiic001 - January 3, 2014, 6:13 pm

very nice tut, greatly appreciated .

Caivio - January 13, 2014, 6:16 pm

(Apr 11, 2013 02:38 AM)Milker Wrote: [\[CITE\]](#) I have a problem with the last step on CentOS 6, I type the command and get this.

```
[root@gallery Unreal3.2.10]# ./unreal start
-bash: ./unreal: No such file or directory
I have the same problem please help me.
```

Cha0 - January 13, 2014, 7:03 pm

Plain and simple, I love it.
Great tutorial mate, well done.

Sasha Grey - January 13, 2014, 11:10 pm

Here is a tutorial on how to add nix. <http://www.youtube.com/watch?v=tvoOvGIVPIg>

Ch1m4zz - January 13, 2014, 11:16 pm

Thanks man gonna try this at home :D

BlackLayer - February 9, 2014, 4:45 pm

Allowed botnet scan RFI/LFI/e107?

The message is . Please enter a message longer than 35 characters.

Private666 - April 9, 2014, 9:51 pm

Great tutorial but you missed out ulimit -n 50000 command for unlimiting the connections.

Haunter - April 9, 2014, 10:59 pm

This is a good tutorial bro.
You helped out a lot of people.

Teh1337Taco - April 9, 2014, 11:24 pm

Thanks for the HQ post OP, keep up the good sharing! :D

rynxy117 - April 5, 2015, 9:48 pm

thanks really helps jijijijijijijijaijiajiajiajiajiaj

Loki_The_Hated - May 12, 2016, 8:20 pm

Configuration summary

=====

TRE is now configured as follows:

Compilation environment

```
CC      = gcc
CFLAGS  = -g -O2 -Wall
CPP      = gcc -E
CPPFLAGS =
LD       = /usr/bin/ld -m elf_x86_64
LDFLAGS =
LIBS     =
Use alloca():          yes
```

TRE options

Development-time debugging: no
System regex ABI compatibility: no
Wide character (wchar_t) support: no (disabled with --disable-wchar)
Multibyte character set support: no (disabled with --disable-multibyte)
Approximate matching support: yes
Build and install agrep: no

compiling TRE regex library
./configure: line 6723: make: command not found

PLEASE HELP

dewoo - November 29, 2016, 10:47 am

(May 12, 2016 08:20 PM)Loki_The_Hated Wrote: [\[CITE\]](#) Configuration summary

=====

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./configure: line 6723: make: command not found

PLEASE HELP

try that
yum install gcc
yum install gcc-c++

J?son - November 29, 2016, 10:48 am

(Nov 29, 2016 11:47 AM)dewoo Wrote: [\[CITE\]](#) try that

yum install gcc
yum install gcc-c++
make command not found

yum install make

dewoo - December 3, 2016, 4:33 am

(Nov 29, 2016 11:48 AM)Jas?n Wrote: [\[CITE\]](#) make command not found

yum install makesure thank you for help

InjectOG - December 3, 2016, 1:47 pm

Good guide, pretty helpful.