```
tation:     https://help.ubuntu.com
ent:        https://landscape.canonical.com
:           https://ubuntu.com/advantage

nformation as of Wed Mar 16 00:04:09 UTC 2022

oad:           0.4
 /:            66.9% of 309.96GB
sage:          52%
ge:            14%
s:             1173
gged in:       75
ress for ens3: 142.93.153.223
ress for ens3: 10.20.0.6
ress for ens3: 2604:a880:cad:d0::c6f:d001

 is 1 zombie process.

d support with Ubuntu Advantage Cloud Guest:
/www.ubuntu.com/business/services/cloud

 can be applied immediately.
 updates are standard security updates.
se additional updates run: apt list --upgrad

 restart required ***

       |
  __|   |_   _|_  __      _      _
 / ¯|   |/ ¯ |  /   \_|  |  |_/ ¯|/ ¯|
/\_/|_/|__/o|_/\__/  \/ \/   |  |_/          we'
nds to get you started:
------------------------------------------------
       | edit a file
       | post in our local forum
ls     | start a little command line blog
any    | plant a little garden
l      | read and send e-mail to other users
i      | edit or view the community wiki
to     | draw on an infinite plane with others
ffiti  | add to tilde.town/graffiti.html
t      | get real-time help with the town in a
       | read our code of conduct
------------------------------------------------

ips:
------------------------------------------------
eally messed up?  | hit ctrl+l
 a program?       | try ctrl+c or q
a command?        | run `manual "command name
 reopening stuff? | look into `tmux`
with latency?     | look into `mosh`
 town command?    | run `town help`
p?                | ask in bbj or chat
------------------------------------------------

o:
lic_html/index.html and something beautiful
no public_html/index.html`)
 virtual world in `town holodeck`
```

PUBNIX QUICKSTART GUIDE

Adapted from https://github.com/tildetown/puppet-tilde
Content unchanged, only formatting adjusted

Written by Nathaniel Smith and Chris Roddy

All files mentioned can be found in the `examples` folder on the accompanying USB drive. This USB contains a direct copy of the GitHub directory foud at the link above, liscenced under the GPLv3.

~~~~~~~~~~~~

Intro

This is an experimental, alpha Puppet module for setting up an Ubuntu server in the style of tilde.club.

What is in master is generally guaranteed to have been tested casually on an AWS EC2 micro running Ubuntu 14.04 at tilde. town, but aside from that, there are no guarantees about the code. YMMV. I'm trying to keep the README up to date as I change things / add features.

–

Installation

All of these steps assume you are running as the `root` user.

1. Install the `puppet` and `puppetmaster` packages (they can be on the same server). 3.4.x+ is required.

2. `puppet module install jfryman-nginx -v 0.0.10` (must install v0.0.10, see here)

3. `apt-get install -y puppetmaster puppet`

4. puppet module install camptocamp-postfix

5. Set up hiera:
   - add a `hiera.yaml` to `/etc/puppet/`
   - `ln -s /etc/puppet/hiera.yaml /etc/hiera.yaml`
   - `mkdir /etc/puppet/hieradata`

6. add and configure `common.yaml` to `/etc/puppet/hieradata/`

7. `cd /etc/puppet/modules`

8. `apt-get install -y git-core`

9. `git clone https://github.com/nathanielksmith/puppet-tilde.git tilde`

10. `git clone https://github.com/nathanielksmith/puppet-ngircd ngircd`

11. edit `site.pp` and save to `/etc/puppet/manifests/site.pp`

12. `puppet agent -t --server={your_tilde_host_name}`

Adding Users

To add users to your tilde server, add them to your `common.yaml` (or whatever) like so:

```
tilde::users:
  vilmibm:
    pubkey: '...'
  cmr:
    pubkey: '...'
  datagrok:
    pubkey: '...'
```

The module purges any non-system users not managed by Puppet; in other words, to ban a user, simply delete them from the `tilde::users` hash in `common.yaml`.

You can also specify `pubkey_type` in the user hash if the user is fancy and not using `ssh-rsa`. The supported types are whatever is supported by puppet's authorized key type

Password based logins are not currently supported. You'll have to manually enable that if you want it.

—

/etc/skel

`/etc/skel` is managed as a set of files in the module. If you'd like to modify these, make a local branch on the module and edit away. You can add or remove files from the directory (note, old users will not retroactively get changes to `/etc/skel`).

—

Nginx

Currently, the module looks for `tilde::hostname` (e.g. tilde.town or tilde.farm or drawbridge.club) and sets up an Nginx virtual host with:

> - a homepage for your tilde server (`/var/www/<your domain>/index.html`)

> - user directories (`/~<username>`) which map to `/home/<username>/public_html`

> - server names `$hostname` and `www.$hostname`

> - IMPORTANT Make sure port 80 is open for your server.

—

IRC

The module sets up ngircd for you.

> - localhost only

> - `irc` alias added to users' `.bashrc` file.

> - per-user `irssi` configuration this will auto-connect to the server and auto-join `#<hostname>` where hostname is a .-less string substitution of the hostname you specified as `tilde::hostname`.

It does **not** set up an operator. IRC governance is up to the autonomous collective to determine.

—

Mail

The module sets up postfix for you. Just like tilde.club, it's local mail only. Alpine and mutt are installed by default.

MotD

There is basic Message of the Day support. To customize the motd, make a branch of the checked out puppet module and edit `templates/motd.erb`. The default template just has a basic cowsay with a few instructions (and shows your server's hostname).

A `motd` alias that just runs `cat /etc/motd` is also added by the aliases file in `/etc/skel`.

—

NNTP (Usenet)

The program `inn2` is set up and configured for local access. The clients `slrn`, `tin`, and `alpine` are all installed by default. In order to transfer news with peers, you must enable both inbound and outbound traffic on TCP port 119 (for EC2 users, this may mean editing your security groups, for others it may mean editing iptables rules).

IMPORTANT: Make sure port 119 is open for your server.

IMPORTANT: Refer to the example `common.yaml` file (in `examples` folder) to see how to configure newsgroups/peers. No groups are configured by default.

—

Quota support

This module enables 3mb user quotas for all non-system users. You'll need to add the usrquota option to your / mount with something like this in your `site.pp`, though, for it to work:

```
mount { '/':
    ensure  => 'mounted',
    device  => 'LABEL=cloudimg-rootfs',
    dump    => '0',
    fstype  => 'ext4',
    options => 'defaults,discard,usrquota',
    pass    => '0',
    target  => '/etc/fstab',
  }
}
```

If you **do not want disk quotas**, include the tilde class like this in your `site.pp`:

```
class { 'tilde':
    use_quota => false,
}
```

Or configure `common.yaml` with:

```
tilde::use_quota: false
```

—

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Design by `tilde.town/~arplo` March 2022
LONG LIVE THE TILDE, I LOVE YOU ALL