

BTRFS

Due according to date on Canvas

Assignment

On an AWS EC2 (ubuntu 18.04) instance. Attach at least 4 1G volumes to an ec2 instance.

details

- Add all these volumes to a btrfs filesystem in a RAID5 configuration. Create a subvolume called `web`. Mount the subvolume to `/web`
- Install apache (apt update, apt install apache2) and snapper.
- By default apache tries to host pages out of `/var/www/html`. You should change it to host out of `/web`. The easiest way to do this is to cd to `/var/www`, then `rm -rf html`, then `ln -s /web html`. You should then restart the apache2 service. Create a simple index.html document in your `/web` directory. Make sure your webpage loads before continuing. (You may also have to edit your security group to allow inbound traffic on port 80.)
- Take a screenshot of your sample webpage.
- Take a pre-snapshot of the web subvolume before you continue. [This](#) document might be useful.
- Take a screenshot of the `snapper list` command.
- Change your website to be some free web template like you might find [here](#)
- Take a screenshot of your sample webpage.
- Take a post-snapshot of your web subvolume.
- Take a screenshot of the `snapper list` command.
- Take a print screen of your rollback command (something like `sudo snapper -v undochange 1..2`)
- Show that apache loaded your original page.

Submission and Passoff

- Pass this off in class.