Pipeline - TD - The servers of the Filmacademy

We've got a bunch of servers running a bunch of different stuff. Here's all the ones you should know about:

The automation server

For all our Discord bots, scripts that need to run continuously, and other backend stuff, we use this Linux server! The server runs the Pterodactyl panel, which lets us easily see which processes are running and create new ones. If you're connected to the school network via ethernet cable or VPN, you can access the Pterodactyl panel at http://145.90.27.19/.

- 145.90.27.19 (nfa-vfxim-automation.stud.ahk.nl)
- AlmaLinux 9.1 (Used to be CentOS)
- 2 cores Intel Xeon Gold 5215 2.5Ghz
- 8GB ram
- 30GB storage

Here's a couple of handy commands you should know for when you're SSH'ed into this server:

```
ssh admin@145.90.27.19 #This is your login, you should ask around for the password


sudo nano /etc/nginx/conf.d/pterodactyl.conf #NGINX Ptero config file
sudo nano /var/www/pterodactyl/.env #Ptero env file
sudo nano /etc/pterodactyl/config.yml #Ptero Wings config file


stat /opt/Thinkbox/Deadline10/bin/deadlinewebservice #This is where the deadline web service is at


sudo nano /etc/fstab #Place where the Samba drives mount during boot


# If the Pterodactyl panel seems to be down you can run this stuff:
sudo systemctl restart nginx
sudo systemctl restart wings


# If the Deadline Web Service seems to be down, you can run this:
```

```
systemctl restart deadlinewebservice
# Or see if there are errors with:
systemctl status deadlinewebservice
# Note: The Deadline Web Servce is NOT the same as the monitor.vfxim.nl website. It is a software by Thinkbox.

# If nothing seems to work, the drive is probably full and you should clear some Docker files:
sudo docker image prune -a
```

The Deadline server

This server runs all the backend stuff for our render farm like a MongoDB database. It also exposes some network folders.

- 145.90.20.170 (nfa-vfxim-deadline.ahk.nl)

The Storage server

This is our main storage server! The fourth years have 70TB of storage, the third years have 50TB and the second years have 30TB of storage available.

- 145.90.27.15 (nfa-vfxim-storage.stud.ahk.nl)

> The storage server is fully wiped at the end of every year! Also it's backed up every night, so should something go wrong you'll have until the next day before the change is permanent.

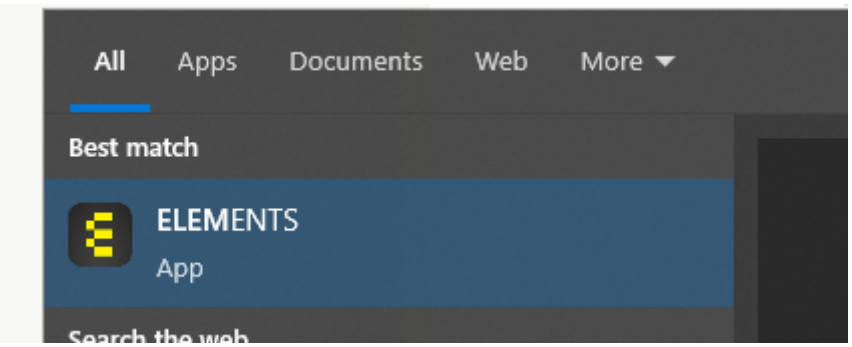
The Education server

This is the storage server that's used for files that need to stay available for many years to come. It's got our stock footage, stock assets, software installers, stuff like that.

- 145.90.20.180 (nfa-vfxim-education.ahk.nl)

The Elements sever

We use the Elements storage server for all the interdepartmental stuff like VFX pulls and returns. You can access the files by opening the Elements software and logging in with your AHK account.



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