

NetOps (DevOps for Network Engineers): Automating Networks

with Eric Chou



***** Clone the Repository *****

```
$ git clone http://<url or IP>/<project name>.git
```

***** Git Operations *****

- Some useful commands, 'git status', 'git log', 'git diff', 'git remote'

```
$ git status
```

- Make changes to first_file.txt

```
$ git status
```

```
$ git add first_file.txt
```

```
$ git status
```

```
$ git commit -m "modified first_file.txt"
```

```
$ git push origin main
```

- Delete file

```
$ git rm first_file.txt
```

```
$ git status
```

```
$ git commit -m "delete first_file.txt"
```

```
$ git push origin main
```

***** Git Branch *****

- Add a new file from local and sync to remote (CoPP = Control Plane Policing)

```
IP access list copp-system-p-acl-ntp
```

```
10 permit udp any any eq ntp
```

```
20 permit udp any eq ntp any
```

```
$ git add copp-acl.txt
```

```
$ git commit -m "initial commit for copp-acl"
```

```
$ git push origin main
```

```
$ git log
```

- Create a new branch and modify

```
$ git branch
```

```
$ git branch copp_change
```

```
$ git branch
```

```
$ git checkout copp_change
```