

Network Binder

Bind multiple internet connection endpoints into single one using the Multipath TCP (mptcp).

Project status

Currently **UNDER THE DEVELOPMENT**.

TODO

- Replace / rebrand the `netplan-*` to `network-binder`.

Project Structure

```
/root/
├── ...
├── docker-compose.yml
├── config/
│   ├── netplan/
│   │   └── 01-netcfg.yaml      # Will be generated
│   ├── notifications.yaml
│   └── benchmarks.yaml
├── scripts/
│   ├── netplan_optimizer.py   # Main logic
│   └── entrypoint.sh
├── Dockerfile
├── ...
├── LICENSE
├── README.md
└── README.pdf                # Will be generated
```

Deployment Workflow

1. Build and Start:

```
docker-compose build
docker-compose up -d
```

2. Manual Trigger:

```
docker exec netplan-optimizer python netplan_optimizer.py
```

3. View Logs:

```
docker logs -f netplan-optimizer
```