Instituto Federal do Norte de Minas Gerais - IFNMG - Campus Januária Bacharelado em Sistemas de Informação - BSI



Admin. Serviços de Redes - AWS + Dynamic DNS -



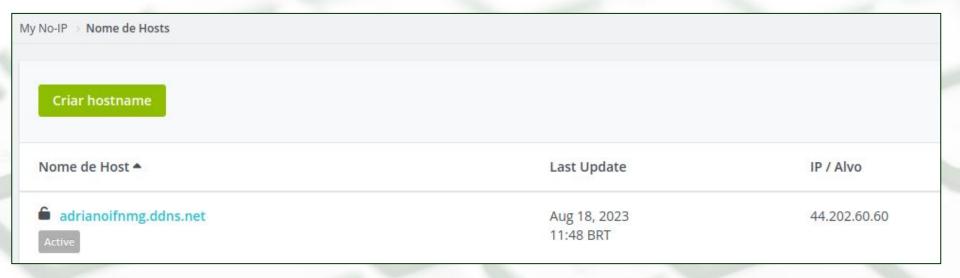
Crie uma conta no serviço NoIP



https://www.noip.com/



Crie um hostname

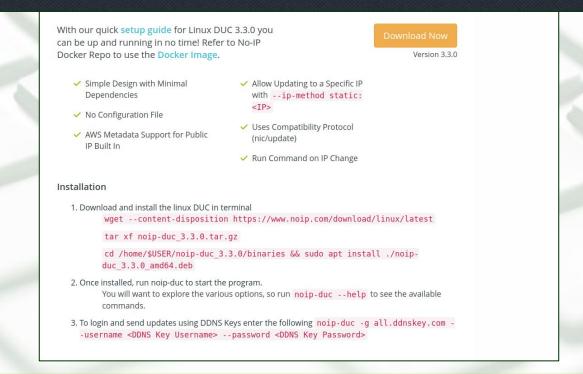




Crie instância AWS e instale o Cliente DDNS No-IP:

Dynamic DNS Update Client for Linux

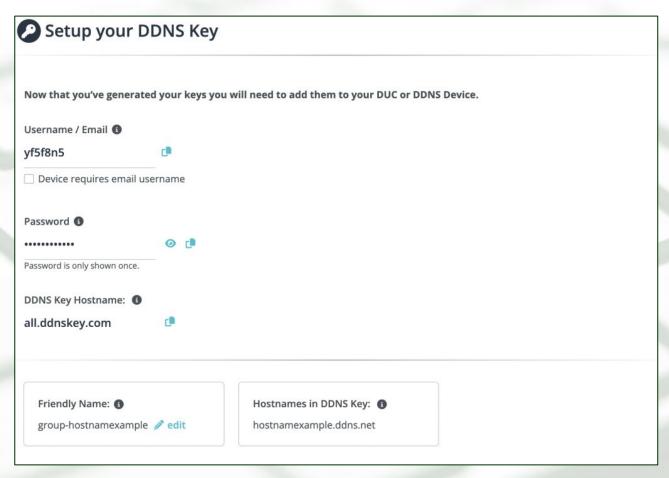
Keep your current IP address in sync with your No-IP host or domain with our Dynamic Update Client (DUC).





Siga as orientações para criar uma chave de atualização

DDNS...





 Copie as informações da chave no arquivo de configuração local...

```
aws:~# sudo nano /etc/default/noip-duc
```

```
## DDNS Key Information
NOIP_USERNAME=dwytjaj
NOIP_PASSWORD=cDdhJtSYVv2W
```

Comma separated list of hostnames and group names NOIP_HOSTNAMES=adminredes.ddns.net



Para ligar o serviço...

aws:~# sudo systemctl start noip-duc.service

■ Para executar o serviço durante a inicialização...

aws:~# sudo systemctl enable noip-duc.service

Para observar o status do serviço...

aws:~# sudo systemctl status noip-duc.service



Para ligar o servico

admin@ip-172-31-33-43:~\$ sudo systemctl status noip-duc.service noip-duc.service - No-IP Dynamic Update Client Loaded: loaded (/lib/systemd/system/noip-duc.service; enabled; preset: enabled) Active: active (running) since Sun 2024-10-06 18:19:54 UTC: 15min ago Main PID: 412 (noip-duc) Tasks: 1 (limit: 1137) Memory: 3.2M CPU: 6ms CGroup: /system.slice/noip-duc.service -412 /usr/bin/noip-duc noip_duc::public_ipl Attempting to get IP with method Dns(No-IP Anycas> Oct 06 18:19:54 ip-172-31-33-43 noip-duc[412]: [2024-10-06T18:19:54Z INFO Oct 06 18:19:54 ip-172-31-33-43 noip-duc[412]: [2024-10-06T18:19:54Z INFO noip_duc::observer] got new ip; current=54.174.179.111, previous=0.0.0> Oct 06 18:19:55 ip-172-31-33-43 noip-duc[412]: [2024-10-06T18:19:55Z INFO noip_duc::observer] update successful; current=54.174.179.111, previou> Oct 06 18:19:55 ip-172-31-33-43 noip-duc[412]: [2024-10-06T18:19:55Z INFO noip_duc::observer] checking ip again in 5m Oct 06 18:24:55 ip-172-31-33-43 noip-duc[412]: [2024-10-06T18:24:55Z INFO noip_duc::public_ip] Attempting to get IP with method Dns(No-IP Anycas> noip_duc::observer] checking ip again in 5m Oct 06 18:24:55 ip-172-31-33-43 noip-duc[412]: [2024-10-06T18:24:55Z INFO noip_duc::public_ip] Attempting to get IP with method Dns(No-IP Anycas> Oct 06 18:29:55 ip-172-31-33-43 noip-duc[412]: [2024-10-06T18:29:55Z INFO noip_duc::observer] checking ip again in 5m Oct 06 18:29:55 ip-172-31-33-43 noip-duc[412]: [2024-10-06T18:29:55Z INFO Oct 06 18:34:55 ip-172-31-33-43 noip-duc[412]: [2024-10-06T18:34:55Z INFO noip_duc::public_ip] Attempting to get IP with method Dns(No-IP Anycas> Oct 06 18:34:55 ip-172-31-33-43 noip-duc[412]: [2024-10-06T18:34:55Z INFO noip_duc::observer] checking ip again in 5m lines 1-20/20 (END)

admin@ip-172-31-33-43: ~

aws:~# Sudo Systemictl Status notp-duc.service



Trabalho Final da Disciplina

- Requisitos Avaliativos do Trabalho Final da Disciplina:
 - Individual
 - Instância AWS com Servidor WEB Apache2 ou NGINX.
- Nome de Domínio vinculado dinamicamente ao IP da Instância (DDNS).
- Host virtual correspondente ao nome de domínio hospedado no servidor WEB.
- Página dinâmica (back-end com PHP ou Python)
- BD opcional
- Acesso seguro ao site (HTTPS), através da instalação de certificado provido por <u>Let's Encrypt</u>.