

ubuntu18.04 dns????

Ubuntu 18.04 DNS systemd-resolved

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- ping www.baidu.com Temporary failure in name resolution
- ping IP
- /etc/resolv.conf 127.0.0.53

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1. ?? systemd-resolved ??

```
systemctl status systemd-resolved
```

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```
sudo systemctl enable systemd-resolved --now
```

2. ?? resolv.conf

Ubuntu 18.04 /etc/resolv.conf /run/systemd/resolve/stub-resolv.conf

```
ls -l /etc/resolv.conf
```

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```
sudo rm -f /etc/resolv.conf
sudo ln -s /run/systemd/resolve/resolv.conf /etc/resolv.conf
```

3. ????? DNS ???

□□ systemd-resolved □□□

```
sudo nano /etc/systemd/resolved.conf
```

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Google + Cloudflare + AliDNS□□

```
[Resolve]
DNS=8.8.8.8 1.1.1.1 223.5.5.5
FallbackDNS=8.8.4.4 1.0.0.1 114.114.114.114
```

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```
sudo systemctl restart systemd-resolved
```

4. ????? Netplan?18.04 ??????????

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```
sudo nano /etc/netplan/01-netcfg.yaml
```

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```
network:
  version: 2
  ethernets:
    ens33: # □□□□□□□□□□ip a □□□□
      dhcp4: yes
      nameservers:
        addresses: [8.8.8.8, 223.5.5.5]
```

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```
sudo netplan apply
```

5. ?? DNS ??

```
sudo systemd-resolve --flush-caches
```

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```
dig www.baidu.com  
nslookup www.google.com
```

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```
#!/bin/bash  
echo ">>> □□ Ubuntu 18.04 DNS □□□..."  
  
# 1. □□ systemd-resolved □□  
systemctl enable systemd-resolved --now  
  
# 2. □□ resolv.conf □□□□  
rm -f /etc/resolv.conf  
ln -s /run/systemd/resolve/resolv.conf /etc/resolv.conf  
  
# 3. □□ systemd-resolved □□  
cat >/etc/systemd/resolved.conf <<EOF  
[Resolve]  
DNS=8.8.8.8 1.1.1.1 223.5.5.5  
FallbackDNS=8.8.4.4 1.0.0.1 114.114.114.114  
EOF  
  
# 4. □□□□  
systemctl restart systemd-resolved  
  
# 5. □□□□  
systemd-resolve --flush-caches  
  
echo ">>> □□□□□□□□□□□□"
```

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fix-dns.sh □□□□

