

# Dynamic DNS

ダイナミックDNSのIPアドレス通知スクリプト

## cron設定

[/etc/cron.d/update-ddns](#)

```
9,19,29,39,49,59 * * * * pi /usr/local/bin/update-mydns
1 * * * * pi /usr/local/bin/update-No-ip
```

## MyDNS.JP

[update-mydns](#)

```
#!/bin/sh
#
Domain=domain1.jp
MasterID=mydnsXXXXXX
Password=xxxxxxxxxxx
IfName=eth0

ipv4=0
ipv6=0
ip -o addr show | while read num ifname inet ipaddr other
do
    test "$ifname" != "$IfName" && continue
    echo $other | grep "scope global" > /dev/null || continue
    echo $other | grep "mngtmpaddr" > /dev/null && continue
    case $inet
    in
        inet6)
            URL="https://ipv6.mydns.jp/directip.html?MID=${MasterID}&PWD=${Password}
}&IPV6ADDR=${ipaddr%/*}"
            if [ ${ipv6} -eq 0 ]
            then
                curl ${URL} -o /dev/null 1> /dev/null 2>&1 && ipv6=1
                ans=`dig $Domain AAAA +short`
                logger -p user.info -t mydns "Status ifname=${ifname},
${inet}=${ipaddr}, Ans=${ans}, Update=${ipv6}"
            fi
            ;;
        inet)
            URL="https://${MasterID}:${Password}@www.mydns.jp/login.html"
```

```

        if [ ${ipv4} -eq 0 ]
        then
            curl ${URL} -o /dev/null 1> /dev/null 2>&1 && ipv4=1
            ans=`dig $Domain A +short`
            logger -p user.info -t mydns "Status ifname=${ifname},
${inet}=${ipaddr}, Ans=${ans}, Update=${ipv4}"
        fi
        ;;
    esac
done

```

## No-IP

### update-No-ip

```

#!/bin/sh
#
Domain="domain2.com"
LoginID="XXXXXXXX"
Password="xxxxxxxxxx"
IfName="eth0"

UA="User-Agent: ${LoginID} Update-No-ip/Raspbian GNU/Linux 10 (buster)
${Email}"

ipv4=0
ipv6=0
ip -o addr show | while read num ifname inet ipaddr other
do
    test "$ifname" != "$IfName" && continue
    echo $other | grep "scope global" > /dev/null || continue
    echo $other | grep "mngtmpaddr" > /dev/null && continue
    case $inet
    in
        inet6)
            url="https://${LoginID}:${Password}@dynupdate.no-ip.com/nic/update?host
name=${Domain}"
            data="myipv6=${ipaddr%%/*}"
            if [ ${ipv6} -eq 0 ]
            then
                res=`curl -s -A "${UA}" "${url}" --data-urlencode "${data}"
2>&1 | head -n 1 | tr -d '\r'` && ipv6=1
                ans=`dig $Domain AAAA +short`
                logger -p user.info -t No-ip "Status ifname=${ifname},
${inet}=${ipaddr}, Ans=${ans}, Query=${ipv6}, Res='${res}'"
            fi
            ;;
        inet)

```

```
url="https://${LoginID}:${Password}@dynupdate.no-ip.com/nic/update?host
name=${Domain}"
    if [ ${ipv4} -eq 0 ]
    then
        res=`curl -s -A "${UA}" "${url}" 2>&1 | head -n 1 | tr -d '\r'`
    && ipv4=1
        ans=`dig $Domain A +short`
        logger -p user.info -t No-ip "Status ifname=${ifname},
${inet}=${ipaddr}, Ans=${ans}, Query=${ipv4}, Res='${res}'"
    fi
    ;;
esac
done
```

From:

<https://kijima.mydns.jp/dokuwiki/> - **Kijima's private wiki**

Permanent link:

<https://kijima.mydns.jp/dokuwiki/doku.php?id=dynamicdns>

Last update: **2023/06/29 12:03**

