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"

User="${Password}:${LoginID}"
UA="User-Agent: ${LoginID} Update-No-ip/Raspbian GNU/Linux 10 (buster)
you@mail.com"

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 $inet
  in
    inet6)
      url="https://dynupdate.no-ip.com/nic/update?hostname=${domain}"
      data="myipv6=${ipaddr%%/*}"
      if [ ${ipv6} -eq 0 ]
      then
        res=`curl -s -A "${UA}" -u "${User}" "${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://dynupdate.no-ip.com/nic/update?hostname=${domain}"
      if [ ${ipv4} -eq 0 ]
      then
        res=`curl -s -A "${UA}" -u "${User}" "${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
```

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Last update: **2023/06/14 11:40**