cUrl

cUrl dynamic DNS trick

dnsUp

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cUrl

cUrl is a general purpose command line tool for transferring data with URLs.

cUrl can be used to update dns record in **dnsUp** server.

Services supplied by dnsUp can be easily found at the address:

https://www.dnsup.eu

cUrl

To perform dns record update we use http protocol and query string method.

We suggest to use cUrl for testing or debugging and use dynupd client for production.

In any way you can choose to use cUrl for production, too and plan it execution by crontab system utility.

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cUrl

Here is basic example:

```
curl -k -u "myusername:mypassword" _
"https://dnsup.eu/nic/curl/update?_
hostname=myhost.nsup.eu&_
myip=10.20.30.40&pwdhash=plain"
```

Username and password must be always exists. Dns server name, dnsup.eu, is implicit in url structure.

cUrl

In this case we used the smallest set of parameters:

hostname   host to update
myip   new local ip
pwdhash   password's encryption kind

Whole parameters list can be retrieved from:
http://www.dnsup.eu/doc/pdf/dynupd.pdf

or on slideshare

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To update records in dnsUp server we suggest to use dynupd client, but if you like cUrl you can obtain the same result.

To plan dns host update you can use crontab system service.

We suggest to set interval every 10 minutes and not go below 5 minutes.

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