Mikrotik con checkip

Configurazione di dynDNS.it classica con verifica del cambio dell'IP su servizio esterno.
Non genera aggiornamenti illeciti.

```
# Set needed variables
:local username "dyndns.it username"
:local password "dyndns.it password"
:local hostname "your_hostname.homepc.it"

:global dyndnsForce
:global previousIP

# print some debug info
:log info ("UpdateDynDNS: username = $username")
:log info ("UpdateDynDNS: hostname = $hostname")
:log info ("UpdateDynDNS: previousIP = $previousIP")

# get the current IP address from the internet (in case of double-nat)
/tool fetch mode=http address="checkip.dyndns.it" src-path="/" dst-path="/dyndns.checkip.html"
:local result [/file get dyndns.checkip.html contents]

# parse the current IP result
:local resultLen [:len $result]
:local startLoc [:find $result ": " -1]
:set startLoc ($startLoc + 2)
:local endLoc [:find $result "</body>" -1]
:local currentIP [:pick $result $startLoc $endLoc]
:log info "UpdateDynDNS: currentIP = $currentIP"

# Remove the # on next line to force an update every single time - useful for debugging,
but you could end up getting blacklisted by DynDNS!
#:set dyndnsForce true

# Determine if dyndns update is needed
# more dyndns updater request details available at http://www.dyndns.com/developers/specs/syntax.html
:if (($currentIP != $previousIP) || ($dyndnsForce = true)) do={
    :set dyndnsForce false
    :set previousIP $currentIP
    /tool fetch user=$username password=$password mode=http address="update.dyndns.it"
    src-path="/nic/update?hostname=$hostname&myip=$currentIP" dst-path="/dyndns.txt"
    :local result [/file get dyndns.txt contents]
    :log info ("UpdateDynDNS: Dyndns update needed")
    :log info ("UpdateDynDNS: Dyndns Update Result: ".$result)
    :put ("Dyndns Update Result: ".$result)
} else={
    :log info ("UpdateDynDNS: No dyndns update needed")
}
```

Lo script deve essere eseguito dallo scheduler una volta al minuto per verificare il cambio IP.

```
/system scheduler add name=dynDNSit interval=00:01 on-event="/system script run dynDnsIT\r\n"
```

dynDNS.it - DNS dinamico gratuito

Mikrotik senza checkip

Configurazione di dynDNS.it su Mikrotik quando l'IP pubblico è assegnato direttamente alla porta esterna e non cambia. Da chiamarsi una sola volta.

```
# Define User Variables
:global ddnsuser "DYNDNSITUSER"
:global ddnspass "DYNDNSITPASS"
:global ddnshost "DYNDNSITHOST.homepc.it"
# Define Global Variables
:global ddnsip
:global ddnslastip
:if ([ :typeof $ddnslastip ] = nil ) do={ :global ddnslastip "0" }
:global ddnsinterface
:global ddnssystem ("mt-" . [/system package get system version] )
# Define Local Variables
:local int
# Loop thru interfaces and look for ones containing
# default gateways without routing-marks
:foreach int in=[/ip route find dst-address=0.0.0.0/0 active=yes ] do={
:if ([:typeof [/ip route get $int routing-mark ]] != str ) do={
:global ddnsinterface [/ip route get $int interface]
}
}
# Grab the current IP address on that interface.
:global ddnsip [ /ip address get [/ip address find interface=$ddnsinterface ] address ]
# Did we get an IP address to compare?
:if ([ :typeof $ddnsip ] = nil ) do={
:log info ("DynDNS: No ip address present on " . $ddnsinterface . ", please check.")
} else={
:if ($ddnsip != $ddnslastip) do={
:log info "DynDNS: Sending UPDATE!"
:local str "/nic/update?hostname=$ddnshost&myip=$ddnsip"
/tool fetch address=update.dyndns.it src-path=$str mode=http user=$ddnsuser \
password=$ddnspass dst-path=("/DynDNS.".$ddnshost)
:delay 1
:local str [/file find name="DynDNS.$ddnshost"];
/file remove $str
:global ddnslastip $ddnsip
}
}
```