

# verot.net - OzForces usage meter

[ozforces.htm](#)

OzForces is an ISP in Australia. Not too bad service, but they lack an usage meter. **Update: they have closed shop, not surprisingly.** They only provide an HTTPS web interface to see the monthly consumption.

So here's a little *curl* script to retrieve the upload and download status from the command line. You can use it to quickly see your usage, but also to use in MRTG for instance.

It takes no argument, only need the OzForces login and password to be changed (*usr* and *pwd*) at the top of the script. It then outputs two lines, upload and download.

```
$ ./ozforces.sh
7607.01
22012.57
```

Here's the script. You can also download it [here](#)

Disclaimer: Your use of this script is at your sole risk. It is provided "as -is", without any warranty. I shall not be held responsible for the use you make of this script.

```
#!/bin/sh
#
# ozforces.sh v 0.1
#
# Bash script to look up OzForces ADSL connection data
# OzForces is an Australian ISP, and the only interface is an HTTPS website
# The script returns two lines: upload and download, in MB
#
# by Colin Verot   colin@verot.net
#
# this script is free to use, just keep the copyright notice
#
usr=abc
pwd=xxx
cookies="/tmp/${basename
#!/bin/sh # # ozforces.sh v 0.1 # # Bash script to look up OzForces ADSL
connection data # OzForces is an Australian ISP, and the only interface is an
HTTPS website # The script returns two lines: upload and download, in MB # # by
Colin Verot colin@verot.net # # this script is free to use, just keep the
copyright notice # usr=abc pwd=xxx cookies="/tmp/${basename $0}.$RANDOM.txt"
cookies2="/tmp/${basename $0}.$RANDOM.tmp" params="-s -b $cookies -c $cookies" #
can add -v for debug, or remove -s for feedback agent="Mozilla/5.0 (Macintosh;
U; Intel Mac OS X; en-US; rv:1.8.0.1) Gecko/20060305 Firefox/1.5.0.1" # we log
in, and get the key key=`curl $params -A "$agent" -d
"EvwIspDn=o%3DOzForces%2Cou%3Dclients%2Co%3DDOTV&username=$usr&password=$pwd"
https://isp.ozforces.com/frameset.vps | grep -o 'CgiTree\?.*' | sed -e
```

```
's/CgiTree?/' -e 's/" name/'` # we load the splash page splash=`curl $params
-A "$agent" -G -e https://isp.ozforces.com/frameset.vps -d
"ispDn=o%3DOzForces%2Cou%3Dclients%2Co%3DDOTV"
https://isp.ozforces.com/splash.jsp` # we go through the menu tree=`curl $params
-A "$agent" -e https://isp.ozforces.com/frameset.vps -G -d "$key"
https://isp.ozforces.com/cgi-bin/CgiTree` tree=`curl $params -A "$agent" -G -d
"$key+E2" https://isp.ozforces.com/cgi-bin/CgiTree` tree=`curl $params -A
"$agent" -G -d "$key+E8" https://isp.ozforces.com/cgi-bin/CgiTree`
frameright=`curl $params -A "$agent" -G -d "$key+V8"
https://isp.ozforces.com/cgi-bin/CgiTree | grep -o 'location=".*";' | sed -e
's/location=/' -e 's/";/'` # we change the cookie's path sed -e
's/\\/\\/product\\/extensions\\/dialup\\/g' $cookies2 && mv $cookies2 $cookies #
we get the accounts page page=`curl $params -A "$agent" -G -e
https://isp.ozforces.com/cgi-bin/CgiTree?$key+V8 -d
"sessionkey=$key&currentTreeNodeId=8&parentTreeNodeId=2"
https://isp.ozforces.com/product/extensions/dialup/installedConfig.vps` # we
carry on in the menu frameright=`curl $params -A "$agent" -G -d "$key+V9"
https://isp.ozforces.com/cgi-bin/CgiTree | grep -o 'location=".*";' | sed -e
's/location=/' -e 's/";/'` # we get the page at last page=`curl $params -A
"$agent" -G -e https://isp.ozforces.com/cgi-bin/CgiTree?$key+V9 -d
"sessionkey=$key&currentTreeNodeId=9&parentTreeNodeId=8"
https://isp.ozforces.com/product/extensions/dialup/dialupAccount.vps` # we parse
the page to get the data upload=`echo $page | grep -o 'Current Period: .* MB
upload' | sed -e 's/Current Period: //' -e 's/ MB upload/'` download=`echo
$page | grep -o 'upload, .* MB download' | sed -e 's/upload, //' -e 's/ MB
download/'` echo $upload echo $download rm $cookies
```

).

cookies2="/tmp/\$(basename

```
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connection data # OzForces is an Australian ISP, and the only interface is an
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cookies2="/tmp/$(basename $0).$RANDOM.tmp" params="-s -b $cookies -c $cookies" #
can add -v for debug, or remove -s for feedback agent="Mozilla/5.0 (Macintosh;
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in, and get the key key=`curl $params -A "$agent" -d
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-A "$agent" -e https://isp.ozforces.com/frameset.vps -G -d "$key"
https://isp.ozforces.com/cgi-bin/CgiTree` tree=`curl $params -A "$agent" -G -d
"$key+E2" https://isp.ozforces.com/cgi-bin/CgiTree` tree=`curl $params -A
"$agent" -G -d "$key+E8" https://isp.ozforces.com/cgi-bin/CgiTree`
frameright=`curl $params -A "$agent" -G -d "$key+V8"
https://isp.ozforces.com/cgi-bin/CgiTree | grep -o 'location=".*";' | sed -e
's/location=/' -e 's/";/'` # we change the cookie's path sed -e
's/\\/\\/product\\/extensions\\/dialup\\/g' $cookies2 && mv $cookies2 $cookies #
```

```

we get the accounts page page=`curl $params -A "$agent" -G -e
https://isp.ozforces.com/cgi-bin/CgiTree?$key+V8 -d
"sessionkey=$key&currentTreeNodeId=8&parentTreeNodeId=2"
https://isp.ozforces.com/product/extensions/dialup/installedConfig.vps` # we
carry on in the menu frameright=`curl $params -A "$agent" -G -d "$key+V9"
https://isp.ozforces.com/cgi-bin/CgiTree | grep -o 'location=".*";' | sed -e
's/location=/' -e 's/";/'` # we get the page at last page=`curl $params -A
"$agent" -G -e https://isp.ozforces.com/cgi-bin/CgiTree?$key+V9 -d
"sessionkey=$key&currentTreeNodeId=9&parentTreeNodeId=8"
https://isp.ozforces.com/product/extensions/dialup/dialupAccount.vps` # we parse
the page to get the data upload=`echo $page | grep -o 'Current Period: .* MB
upload' | sed -e 's/Current Period: //' -e 's/ MB upload/'` download=`echo
$page | grep -o 'upload, .* MB download' | sed -e 's/upload, //' -e 's/ MB
download/'` echo $upload echo $download rm $cookies

```

).\$RANDOM.tmp"

```

params="-s -b $cookies -c $cookies" # can add -v for debug, or remove -s for feedback
agent="Mozilla/5.0 (Macintosh; U; Intel Mac OS X; en-US; rv:1.8.0.1) Gecko/20060305 Firefox/1.5.0.1"

```

# we log in, and get the key

```

key=`curl $params -A "$agent" -d
"EvwlspDn=o%3DOzForces%2Cou%3DClients%2Co%3DDOTV&username=$usr&password=$pwd"
https://isp.ozforces.com/frameset.vps | grep -o 'CgiTree\?.*' name' | sed -e 's/CgiTree?/' -e 's/' name/'`

```

# we load the splash page

```

splash=`curl $params -A "$agent" -G -e https://isp.ozforces.com/frameset.vps -d
"ispDn=o%3DOzForces%2Cou%3DClients%2Co%3DDOTV" https://isp.ozforces.com/splash.jsp`

```

# we go through the menu

```

tree=`curl $params -A "$agent" -e https://isp.ozforces.com/frameset.vps -G -d "$key"
https://isp.ozforces.com/cgi-bin/CgiTree`

```

```

tree=`curl $params -A "$agent" -G -d "$key+E2" https://isp.ozforces.com/cgi-bin/CgiTree`

```

```

tree=`curl $params -A "$agent" -G -d "$key+E8" https://isp.ozforces.com/cgi-bin/CgiTree`

```

```

frameright=`curl $params -A "$agent" -G -d "$key+V8" https://isp.ozforces.com/cgi-bin/CgiTree | grep -o
'location=".*";' | sed -e 's/location=/' -e 's/";/'`

```

# we change the cookie's path

```

sed -e 's/\/product\/extensions\/dialup\/g' $cookies2 && mv $cookies2 $cookies

```

# we get the accounts page

```

page=`curl $params -A "$agent" -G -e https://isp.ozforces.com/cgi-bin/CgiTree?$key+V8 -d
"sessionkey=$key&currentTreeNodeId=8&parentTreeNodeId=2"
https://isp.ozforces.com/product/extensions/dialup/installedConfig.vps`

```

# we carry on in the menu

```

frameright=`curl $params -A "$agent" -G -d "$key+V9" https://isp.ozforces.com/cgi-bin/CgiTree | grep -o
'location=".*";' | sed -e 's/location=/' -e 's/";/'`

```

# we get the page at last

```

page=`curl $params -A "$agent" -G -e https://isp.ozforces.com/cgi-bin/CgiTree?$key+V9 -d

```

```
"sessionkey=$key&currentTreeNodeId=9&parentTreeNodeId=8"  
https://isp.ozforces.com/product/extensions/dialup/dialupAccount.vps`
```

```
# we parse the page to get the data
```

```
upload=`echo $page | grep -o 'Current Period: .* MB upload' | sed -e 's/Current Period: //' -e 's/ MB upload/'`
```

```
download=`echo $page | grep -o 'upload, .* MB download' | sed -e 's/upload, //' -e 's/ MB download/'`
```

```
echo $upload
```

```
echo $download
```

```
rm $cookies
```

For some reason, we have to go through the whole menu, probably to set some session stuff. Plus the cookie. As a result, the script has to load quite a lot of pages before getting to the usage page, and is pretty slow. But it works :)