
Subject: Re: Http file download question
Posted by [koldo](#) on Tue, 26 Jun 2012 09:49:25 GMT
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Hello Mirek

It also works using CURL. The trick is to add --ntlm option (from CURL doc: The NTLM authentication method was designed by Microsoft and is used by IIS web servers. It is a proprietary protocol, reverse-engineered by clever people and implemented in curl based on their efforts):

```
C:\>curl -u myusername:mypassword --ntlm -O http://myintranet/myfile.pdf -v
* About to connect() to myintranet port 80 (#0)
* Trying 152.41.2.31... % Total % Received % Xferd Average Speed Time
Time Time Current Dload Upload Total Spent Left Speed
0 0 0 0 0 0 0 0 0 0 --:--:-- --:--:-- --:--:-- 0co
nected
* Connected to myintranet (152.41.2.31) port 80 (#0)
* Server auth using NTLM with user 'myusername'
> GET /myfile.pdf HTTP/1.1
> Authorization: NTLM
TIRMTVNTUAABAAAAt4II4gAAAAAAAAAAAAAAAAAAAAAAAAAFASgKAAAADw==
> User-Agent: curl/7.21.4 (i386-pc-win32) libcurl/7.21.4 OpenSSL/0.9.8r zlib/1.2
.5
> Host: myintranet
> Accept: */*
>
< HTTP/1.1 401 Unauthorized
< Content-Type: text/html; charset=us-ascii
< Server: Microsoft-HTTPAPI/2.0
< WWW-Authenticate: NTLM
TIRMTVNTUAACAAAACgAKADgAAAA1gonippnZh0iAu7MAAAAAAAAAAAAIQ
AhABCAAAAABgByFwAAAA9OAFQAQgBJAE8AAgAKAE4AVABCAEkATwABAAoAQgBOAFQAN
gAyAAQAGABiAGk
AbwAuAHMAZQBuAGUAcgAuAGUAcwADACQAQgBOAFQANgAyAC4AYgBpAG8ALgBzAGUAb
gBIAHIALgBIAHM
ABQAQAHMAZQBuAGUAcgAuAGUAcwAHAAGAFiLFkH1TzQEAAAAA
< Date: Tue, 26 Jun 2012 09:25:02 GMT
< Content-Length: 341
<
* Ignoring the response-body
{ [data not shown]
100 341 100 341 0 0 21312 0 --:--:-- --:--:-- --:--:-- 333k*
Connection #0 to host myintranet left intact
* Issue another request to this URL: 'http://myintranet/myfile.pdf'
* Re-using existing connection! (#0) with host myintranet
* Connected to myintranet (152.41.2.31) port 80 (#0)
```

```
* Server auth using NTLM with user 'myusername'
> GET /myfile.pdf HTTP/1.1
> Authorization: NTLM
TIRMTVNTUAADAAAAGAAAYAGoAAAAYABgAggAAAAoACgBIAAAACgAKAFIAAA
AOAA4AXAAAABAAEACaAAAANYKI4gUBKAoAAAAPUwBFAE4ARQBSADIAMwA4ADUAMwB
CAFAAQwA2ADUAOA
AxAFaQ7c+fdOfVAAAAAAAAAAAAAAAAAAAAAAAAALjckl63UGzagqVOVul+10LsuaHq+iRwvcfBV7+I
IKyYII
pwvm0d4iU=
> User-Agent: curl/7.21.4 (i386-pc-win32) libcurl/7.21.4 OpenSSL/0.9.8r zlib/1.2
.5
> Host: myintranet
> Accept: */*
>
< HTTP/1.1 200 OK
< Content-Type: application/pdf
< Last-Modified: Thu, 10 Nov 2011 14:49:40 GMT
< Accept-Ranges: bytes
< ETag: "3a5dcbf9b79fcc1:0"
< Server: Microsoft-IIS/7.0
< X-Powered-By: ASP.NET
< MicrosoftOfficeWebServer: 5.0_Pub
< MS-Author-Via: MS-FP/4.0
< Date: Tue, 26 Jun 2012 09:25:02 GMT
< Content-Length: 1707881
<
{ [data not shown]
100 1667k 100 1667k 0 0 34.6M 0 --:--:-- --:--:-- --:--:-- 34.6M*
Connection #0 to host myintranet left intact

* Closing connection #0
```