

Website Monitoring - Feature #1545

Add ability to manually declare the authentication type

10/26/2016 04:55 PM - Luke Murphey

Status:	New	Start date:	10/26/2016
Priority:	Low	Due date:	
Assignee:	Luke Murphey	% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:			
Description			
https://answers.splunk.com/answers/469223/is-it-possible-to-switch-to-windows-authentication.html			
Need to offer the ability to specify authentication types of basic, advanced, NTLM, auto-detect.			

History

#1 - 10/26/2016 05:12 PM - Luke Murphey

Can test here: <http://ntlm.herokuapp.com/>

Or using <http://blog.michelbarneveld.nl/michel/archive/2009/12/05/kerberos-authentication-tester.aspx> or this: <https://blogs.msdn.microsoft.com/friis/2013/01/08/asp-net-authentication-test-page/>

See here for details: <http://serverfault.com/questions/595035/testing-ntlm-kerberos-against-a-public-url>

#2 - 10/26/2016 05:18 PM - Luke Murphey

Might want to add kerberos authentication <https://pypi.python.org/pypi/requests-kerberos> or <https://github.com/requests/requests-kerberos>

#3 - 10/26/2016 08:22 PM - Luke Murphey

It turns out that authentication auto detection wasn't working correctly. The headers are returned in lowercase (see <https://github.com/kennethreitz/requests/issues/1561>) but the app assumed they would be in the original case.

#4 - 10/26/2016 08:22 PM - Luke Murphey

It turns out that the auth header can be a tuple: <https://github.com/chimurai/http-proxy-middleware/issues/39>

#5 - 10/26/2016 08:49 PM - Luke Murphey

<https://blogs.msdn.microsoft.com/chiranth/2013/09/20/ntlm-want-to-know-how-it-works/>

#6 - 10/26/2016 08:53 PM - Luke Murphey

I faked an NTLM session;

1. Server responds with 401 and Www-Authenticate: NTLM
2. Client provides challenge Authorization: NTLM TIRMTVNTUAABAAAAB4IIAAAAAAAAAAAAAAAAAAAAA=
3. Server responds with 401 and Www-Authenticate: NTLM TIRMTVNTUAACAAAAAAAAACgAAAABAAAAAAAAAAAAAAAAA=
4. Client provides Authorization: NTLM
TIRMTVNTUAADAAAAGAAAYAGwAAAAAYABgAhAAAAAGACABAAAAACAAIAEgAAAAcABwAUAAAAAAAAAAAAAAAAQAAAHQAZQBzAHQA
dABIAHMAAdABsAG0AdQByAHAAaABIAHkALQBtAGIAcAAxADUAgiKGu7ODU4Zx7W3Y2A23BfV9JN+XMe+FgiKGu7ODU4Zx7W3Y2A23BfV9
JN+XMe+F
5. Server responds with a 200

#7 - 11/15/2016 07:23 AM - Luke Murphey

- *Target version deleted (2.0)*

#8 - 04/22/2017 07:52 AM - Luke Murphey

- *Priority changed from Normal to Low*