

Privacy Browser - Feature #480

Disable HSTS

07/24/2019 12:28 PM - Soren Stoutner

Status:	Closed	Start date:	07/24/2019
Priority:	Next Release	Due date:	
Assignee:	Soren Stoutner	% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:		Spent time:	0.00 hour
Description			
https://stackoverflow.com/questions/37379933/does-androids-webview-support-hsts			
https://developer.android.com/training/articles/security-config.html			
HSTS provides no benefit for Privacy Browser because it defaults to HTTPS.			
However, it has the negative privacy consequence of creating a list of all the websites that a user has visited and storing that list in WebView's cache.			
This cache is wiped out whenever Clear and Exit is run with the default settings, but it makes sense to me to disable the storage of such information in the first place.			

History

#1 - 07/26/2019 03:30 PM - Soren Stoutner

- Description updated

#2 - 07/26/2019 03:55 PM - Soren Stoutner

Information about the fingerprinting possibilities of HSTS can be found at https://en.wikipedia.org/wiki/HTTP_Strict_Transport_Security#Privacy_issues.

#3 - 07/26/2019 04:41 PM - Soren Stoutner

- Status changed from New to Closed

Implemented in commit <https://git.stoutner.com/?p=PrivacyBrowser.git;a=commitdiff;h=1d7c85bd38913da7912b52c15c213b14d8fd528d>.