Set up TGPP and TGPPS help protocols for the MagicURL under Windows

The MagicURL link switch was developed so that TightGate-Pro can be integrated as seamlessly as possible into the local working environment. This registers under Windows as a system application and takes on the task of transferring all links transferred to the operating system to the "correct" browser. In this way, links that refer to the intranet or to trusted remote sites are opened with local browsers and all other Internet links are opened with the secure browser from TightGate-Pro. This function is always available when an application asks the operating system how to open a link/URL. In cases where the operating system is not asked because an application that wants to open a link feels responsible itself, this procedure fails. Internet browsers are such applications that do not first ask the operating system and try to open links/URLs themselves.

This would not be a problem if many networks did not have an intranet that contains internal links as well as links to the Internet. However, if the internal network is decoupled from the Internet, Internet links cannot be accessed and work processes are interrupted. To counter this, m-privacy GmbH has developed the help protocols **tgpp** and **tgpps** have been developed. They can be used to remove responsibility for links from the browser. The requests are then routed via the MagicURL link switch.

The concept is simple. In the Windows operating system, the protocols **tgpp** and **tgpps** are registered. The operating system is informed that the MagicURL link switch is responsible for these protocols. As the browser cannot do anything with these protocols, it asks at **tgpp**-links, the MagicURL link switch can also process links from browsers.

The following instructions describe how the protocols **tgpp** and **tgpps** protocols are registered and how the links stored in the intranet must be modified so that the MagicURL link switch can process them correctly so that the desired URL is called up.

Step 1 - Register tgpp and tgpps

Various registry entries must be made to publicise the new protocols under Windows and to assign MagicURL to them as a standard application. The file **tgpp-register-protocol.reg** contains the necessary entries. To set the registry entries, please copy the file **tgpp-register-protocol.reg** file to your workstation PC and install the values by double-clicking on the file. Then follow the wizard. Alternatively, you can also set the values via the command line with the following command:

```
reg import tgpp-register-protocol.reg
```

The file **tgpp-register-protocol.reg** is available here:

tgpp-register-protocol.reg

```
Windows Registry Editor Version 5.00

;; Registry script to register tgpp and tgpps protocols for MagicUrl
;; (c) 2021 m-privacy GmbH. All rights reserved.
```

```
;;
;; Last change: 24/Sep/2021, jua
;;
;; To install just open a shell as Administrator and run:
;; reg import tgpp-register-protocol.reg

[HKEY_CLASSES_ROOT\tgpp]
@="TGPP Protocol"
"URL Protocol"=""

[HKEY_CLASSES_ROOT\tgpp\DefaultIcon]
@="\"C:\\Program Files\\TightGate-Pro\\Browserchoice.exe\""

[HKEY_CLASSES_ROOT\tgpp\shell]

[HKEY_CLASSES_ROOT\tgpp\shell\open]

[HKEY_CLASSES_ROOT\tgpp\shell\open\command]
@="\"C:\\Program Files\\TightGate-Pro\\Browserchoice.exe\" \"%1\""

[HKEY_CLASSES_ROOT\tgpps]
@="TGPPS Protocol"
"URL Protocol"=""

[HKEY_CLASSES_ROOT\tgpps\DefaultIcon]
@="\"C:\\Program Files\\TightGate-Pro\\Browserchoice.exe\""

[HKEY_CLASSES_ROOT\tgpps\shell]

[HKEY_CLASSES_ROOT\tgpps\shell\open]

[HKEY_CLASSES_ROOT\tgpps\shell\open\command]
@="\"C:\\Program Files\\TightGate-Pro\\Browserchoice.exe\" \"%1\""
```

Step 2 - Modify links on the intranet

In the second step, the links in the intranet must be changed to the new protocols **tgpp** and **tgpps** protocols. All links that refer to the https protocol are assigned to the new protocol **tgpps** protocol and all http links are assigned to the **tgpp**. This is done according to the following scheme:

Link old	Link new
http://www.google.de	tgpp://www.google.de
https://www.heise.de	tgpps://www.heise.de

Below we provide a small example file that contains a **tgpp** and **tgpps**-links. Once you have completed step 1, you can open these in a local browser and click on the links. The browser will now no longer feel responsible and will ask whether you would like to open the link via the MagicURL application. If you confirm this, MagicURL will take over the link management and open the link in the

browser of TightGate-Pro.

The example file has the name **tgpp-test.html** and can be found here:

[tgpp-test.html](#)

```
<a href="tgpp://google.de">tgpp://google.de</a>
<br><br>
<a href="tgpps://heise.de">tgpps://heise.de</a>
```

From:
https://help.m-privacy.de/ -

Permanent link:
https://help.m-privacy.de/doku.php/en:faq:tightgate_pro_tgpp

Last update: **2024/01/28 19:54**