

Chapter Fourteen (a): Privacy Settings

Summary of Chapter:

- How to change the 'Privacy Settings' on your Pilot.
- What each 'Privacy Setting' does and what the extra headers text box is for.

What you need:

- Knowledge of admin user account and valid password for your Pilot.

Software Revision Required:

- Applicable to software revision 5.2.0 > Net/CachePilots

(Net/CachePilot will be referred to as 'Pilot'. All image examples are of a NetPilot.)

Changing the Privacy Settings:

- Log on to the Pilot as shown in Chapter One (b).
- From the left-hand side of the screen, select 'Web', 'Filtering' and then 'Web proxy privacy'. (All links are highlighted below).



- You will be presented with the screen above.
- There are three options in the drop down list, highlighted. (These are described in more detail below).


'No Privacy':


- This option means what it says, no privacy what so ever
- If you search for something on any search engine, and select one of the result links. The website that you go on to will be able to see the keywords you entered into your search. (The other two options prevent this from happening)
- Reveals all the information the user's browser would normally and additional information about the cache.


No Privacy 'Extra Privacy Headers':


- In the 'No Privacy' mode, all headers are allowed through and any header entered into the 'extra privacy header' text box is blocked.
- If you are using Websense and you have your Privacy set to 'No Privacy' we recommend entering 'via' into the 'extra privacy header' text box, so Websense can operate correctly. (You do not need to do this in the other Privacy settings as 'via' is automatically excluded).

‘Reasonable Privacy’:


 Small gain of privacy, (i.e. the website does not learn of your browsing history. However, you can only be certain of this if your browser is additionally configured to disable cookies and JavaScript).

 This setting removes some headers, which can be used to track how a user got to a website from an outside source or reveal which software they have installed. The vast majority of websites will work with this option.

 Cookies are still permitted. If you are concerned about privacy you should configure your browser to reject cookies.


 The disadvantage of using this setting is that some sites maybe become frustrated as they are trying to make sure that outside links do not point directly to objects within the site. I.e. they make sure you go through the front page first, this could make you have the same page severed to you, even if you select a link to another page or have broken images where images are being “borrowed” from a different site.


Reasonable Privacy ‘Extra Privacy Headers’:


 In the ‘Reasonable Privacy’ mode, any header entered into the ‘extra privacy header’ text box and the default ones list below are blocked:

| | | |
|-----------------|---------|-----------------------|
| From | Referer | Server |
| User-Agent | Via | WWW-Authenticate Link |
| X-Forwarded-For | | |


‘Paranoid Privacy’:

 Is ruthless in removing all but the most essential headers


 Cookies are blocked

 This setting may break web sites, which attempt to maintain a stateful conversation with the user.

Paranoid Privacy ‘Extra Privacy Headers’:

 In the ‘Paranoid Privacy’ mode, most headers are blocked. The headers, which are entered into the ‘extra privacy header’ text box and the headers listed below are allowed:

| | | |
|----------------|------------------|-------------------|
| Accept-Charset | Accept-Encoding | Accept-Language |
| Allow | Authorization | Cache-Control |
| Connection | Content-Encoding | Content-Language |
| Content-Length | Content-Type | Date |
| Expires | Host | If-Modified-Since |
| Last-Modified | Location | Mime-Version |
| Pragma | Proxy-Connection | Retry-After |
| Title | | |

 Once you have selected one of three options from the drop-down list and entered any extra headers, select ‘OK’ and ‘OK’ again.



For more information on each of the headers listed above and optional headers please see Chapter 14b.