Emptying the browser cache on Remote Linux

Students sometimes have trouble with their Remote Linux home directory filling up. Failure to reduce the amount used will eventually result in them being unable to log in to Remote Linux. Most often, this is caused by the browser cache in Firefox or Chrome filling up their home directory.

There are two ways to reduce the space used. The first is to have them log in to Remote Linux and clear their browser cache. This is only possible if they haven't completely filled up their home directory. The second is to use AFSweb to remove the browser cache directory.

Via web browser

Mozilla Firefox

Open Mozilla Firefox and select Edit -> Preferences.

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Select Advanced -> Network. To clear the cache, click the 'Clear Now' button under the 'Cached Web Content' section. To restrict the size of the cache so that Firefox doesn't fill up the drive in future, click 'Override automatic cache management' and configure a small value (eg, 10MB).



Google Chrome

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Open Google Chrome and select Tools -> Clear Browsing Data.

De-select all options except 'Empty the cache' and select 'the beginning of time' in the dropdown box. Click 'Clear browsing data' and the cache will be cleared. This needs to be done every time the home directory usage gets near 100% of the quota (a box is displayed on login to show this).

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Via AFSweb

If the user has filled their home directory to 100%, they will be unable to log in. The easiest way for them to free up space is by logging in to AFSweb and manually removing the Firefox or Chrome cache folders.



First, log in to Windows and browse to <u>https://afsweb.ec.auckland.ac.nz/</u>. Next, select 'Show Hidden Folders' and click on the 'unixhome' folder.

Folder Properties	1	Type	Title 🔿	Size	Last Modified
	相		echome	2 KB	5/19/2011
			unichome	4 KB	10/24/2012
Upload File(s) Cut Selected Item(s) Copy Selected Item(s) Paste to This Folder Delete Selected Item(s) Create a New Folder Rename Selected Item Set Permissions for Folder Favorite Locations					
View Options					

The Google Chrome cache folder is located in *.cache/google-chrome* To remove it, select the google-chrome folder and click `Delete Selected Item(s)'.

Selected Items Properties		Type	Title /\		Size	Last Modified
google-chrome			+ (current directory)		2 KB	8/8/2012
			(parent directory)		4 KB	10/24/2012
ctions	5		compiaconfig		4 KB	3/2/2012
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	10	12	indicator-applet-session.log	-	empty	3/2/2012

The Mozilla Firefox cache folder is located in .mozilla/firefox/<random string>.default/Cache

To remove it, select the Cache folder and click 'Delete Selected Item(s)'.



Location: /afs/ec.auckland.ac.nz/users/

/<u>unixhome</u>/<u>.mozilla</u>/<u>firefox</u>/za96p1v6.default/ Change

Selected Items Properties	☑	Туре	Title △		Size	Last Modified
Cache			. (current directory)		4 KB	10/24/2012
			(parent directory)		2 KB	2/21/2012
Actions			.parentlock		empty	10/24/2012
Cut Selected Item(s)			Cache		2 KB	7/17/2012
Copy Selected Item(s)		a	OfflineCache		2 KB	4/13/2012
Delete Selected Item(s)			adblockplus		2 KB	2/24/2012
Create a New Folder Rename Selected Item			addons.sqlite	≛	416 KB	10/24/2012
Set Permissions for Folder			addons.sqlite-journal	≛	288.6 KB	10/24/2012
Favorite Locations			blocklist.xml	4	29.9 KB	10/24/2012
Information 1 items selected			bookmarkbackups		2 KB	10/23/2012
2 KB		È	bookmarks.html	4	16.4 KB	2/21/2012
Cache			bookmarks.html.dpkg-dist	≛	16.4 KB	2/21/2012
View Options Hide Hidden Files			cert8.db	4	64 KB	10/23/2012
filedrawers version: 0.4.0			cert_override.txt	≛	0.4 KB	2/24/2012

Once these actions have been completed, the user should now have sufficient space to be able to log back in to Remote Linux.