
Article

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chown may clear the setuid and setgid bits on Caché executables

I was recently troubleshooting a problem on a Linux (RHEL) instance of 2016.1 at a site. For policy reasons their sysadmins wanted to update the Caché installation so it used network accounts for its cacheusr and iscagent users and groups instead of the locally-created ones that had been set up during original install of Caché.

To do this they ran various commands including chown

Afterwards non-root users couldn't obtain a terminal session using the csession command. Instead they receive this message:

cache: Permission denied

It turned out that the chown command cleared important setuid and setgid bits that had previously been set on certain files in the bin directory.

By consulting a working instance we were able to reinstate the correct bits.

I'm posting this article in case the information is useful to others in the future (including myself, when I forget that I once knew it).

[#Caché #Tips & Tricks](#)

Source

URL: <https://community.intersystems.com/post/chown-may-clear-setuid-and-setgid-bits-cach%C3%A9-executables>