

Table of Contents

PCLBRICH02	1
User accounts.....	1
LBRICHMD1	2
User accounts.....	2
LBRICHTB	3
User accounts.....	3
Using wireshark.....	3

PCLBRICH02

This is the DAQ PC for the readout with the miniDAQ. Log in as `lbrich`.

User accounts

Login	Type	Notes
<code>lbrich</code>	Local	Use this to operate the DAQ
<code>lhcbrihc</code>	AFS	Use for offline and AFS access

LBRICHMD1

This is the original miniDAQ PC.

User accounts

Login	Type	Notes
lhcb	Local	Use this to operate the DAQ

LBRICHTB

This is the PC used for the Chimaera2-based readout. For the 2017 beam tests this PC is used for the Chimaera2 readout of the silicon tracker. The PC has a second NIC that is reserved for DAQ. The network addresses are:

Interface	MAC	IP	Notes
eth0	00:22:4D:AA:E4:42	128.141.217.56	General purpose network
eth1	E8:94:F6:08:4A:41	192.168.2.128	DAQ network
DAQ switch	00:14:22:82:be:92	192.168.2.1	DAQ switch

User accounts

Login	Type	Notes
richtbuser	Local	Use this to operate the DAQ
lhcbrieh	AFS	Use for offline and AFS access

richtbuser is granted the permission to run certain programs with elevated privileges through `sudo`.

Using wireshark

Wireshark is a useful tool for debugging the Chimaera2 readout. It has to be run with enhanced privileges. The `richtbuser@lbrichtb` account is allowed to run wireshark using the command

```
sudo wireshark
```

An additional step is needed for this to work when using it remotely, e.g.

```
ssh -Y richtbuser@lbrichtb
echo $DISPLAY # to find the display name.
xauth list # to locate the line corresponding to the display (look for the display number aft
sudo xauth add <line-copied-from-xauth-list-output>
```

Now you can run wireshark with `sudo` as before.

This topic: LHCb > RichTestBeamSystems
Topic revision: r3 - 2017-05-30 - StephenWotton



Copyright &© 2008-2020 by the contributing authors. All material on this collaboration platform is the property of the contributing authors.

or Ideas, requests, problems regarding TWiki? use Discourse or Send feedback