

User Logging

ClustrixDB can track simple user activity on your cluster. User logging consists of timestamped logins and logouts and does not include detailed query activity.

By default, this log data is stored in user.log in the /data/clustrix/log/ directory.

Each node will record access information each time a user logs in or out. There is a log file on each node and you can use the logdump command of [The CLX Command-Line Administration Tool](#) to consolidate these logs and perform analysis.

Global Variable

User logging is controlled by the global variable session_log_users and is disabled by default. This variable is not available by session.

Name	Description	Default Value
session_log_users	Log users and LOGIN/LOGOUT to user.log.	false

To activate user logging, run the following sql:

```
sql> SET GLOBAL session_log_users = true;
```

Reading the user.log

Here is an example of a user.log entry:

```
2016-10-06 20:56:41.292686 UTC fcs022.colo.sproutsys.com clxnode: USER SID:1857340417 db=#undef
user=root@localhost LOGIN
```

This is a list of the data found within the user.log.

Field	Description
Timestamp	Date and time of the log entry. Includes the time zone.
hostname	Name of the host accessed by the user.
process name	The ClustrixDB process name (clxnode).
USER	This identifier precedes user-specific information.
SID	Session ID.
db	Name of the database specified when the user logged in.
user	Username.
activity performed	LOGIN or LOGOUT.