**NIST-CONTROL AC-8 DOCUMENTATION**

This control was very tricky to implement. Multiple methods have been used to try to make a notification system. Most, if not all, methods did not work as intended. There have been attempts at trying to create logon procedure on init\_connect to call on the procedure that would select the notification message from a table. Trying to use init\_connect to only select the table on logon also did not work. The problem could be is that the init\_connect variable is only running through the server side and not client side? Trying to make use of init\_file was tinkered with but then there is the problem of having a set directory with a database that moves around in multiple workstations, even then there is the problem of it not working like init\_connect. Using scripts could work to implement system notifications but it seems that this is only through the MySQL Command-Line Client and would only work through that command client only, even then there is the problem of setting up a set script directory. In all, it seems that there is no concrete way of implementing a simple system-use notification system in a MySQL Database and neither are there any plugins that dabble in a login system notification message. Maybe if the database was called to be running with another language or platform like PHP, it could be done but only doing it solely through MySQL is not possible.

[**a.**] As an alternative, we’ve implemented the control through creating a table called ‘notification’ that contains the messages through rows and columns. We are requiring that users run a script after logging on to see the notification message. The message states, as the controls require, that the users are consenting to be recorded, monitored, and audited through their use of the database and that unauthorized system use is subject to penalties.

[**b.**] Seeing the message itself is agreement with the notification and if users disagree then they will need to logoff.

[**d.**] Please keep in mind that notifications are not required when human interfaces do not exist as stated in the control documentation. The MySQL database barely has human interfaces without the aid of another platform.