Log files

The objective

This document will provide a user with an understanding of how the log files are recorded for one or more typical sessions within the Yuconz system. Log files are created when a user attempts an Authentication and Authorisation process.

Authentication Logs

Authentication logs are in the following format:

<UNIX TIMESTAMP>, <USERNAME>, <ROLE>, <MESSAGE>

Example 1.

`1552256812289,abc123,Reviewer,INVALID_LOGIN`

At the time of the given timestamp '`1552256812289`', user '`abc123`' attempts a log in with the role of '`Reviewer`', which results in an '`INVALID_LOGIN`' message as the user had entered an incorrect username or password.

Example 2.

`1552256840342,abc123,Reviewer,INVALID_ROLE`

At the time of the given timestamp '`1552256840342`', user '`abc123`' attempts a log in with the role of '`Reviewer`', which results in an '`INVALID_ROLE`' message as the user did not have permissions for this role.

Example 3.

`1552929004633,abc123,HR Employee,LOGIN_SUCCESS`

At the time of the given timestamp '`1552929004633`', user '`abc123`' attempts a log in with the role of '`HR Employee`', which results in a '`LOGIN_SUCCESS`' message as the user was authorised for this role.

Authorisation Logs

Authentication logs are in the following format:

<UNIX TIMESTAMP>, <USERNAME>, <ROLE>, <ACTION NAME>, <TARGET USER>, <Authorised/Not Authorised>

Example 1.

`1552258471517,abc123,User,READ_PERSONAL_DETAILS,abc123,Authorised`

At the time of the given timestamp '`1552258471517`', user '`abc123`' logged in with the role of '`User`', attempts to '`READ_PERSONAL_DETAILS`' with the target user as '`abc123`' and is '`Authorised`'.

Example 2.

`1552928664817,abc123,HR`
`Employee,HR_AMEND_PERSONAL_DETAILS,ey,Authorised`

At the time of the given timestamp '`1552928664817`' user '`abc123`, logged in with the role of '`HR Employee`', attempts to '`HR_AMEND_PERSONAL_DETAILS`' with the target user as '`ey`' and is '`Authorised`''.

Example 3.

userCantReadOthers

`1551654618952,cva987,User,HR_AMEND_PERSONAL_DETAILS,zzz987,Not`
`Authorised`

At the time of the given timestamp '`1551654618952`' user '`cva987`', logged in with the role of '`User`', attempts to '`HR_AMEND_PERSONAL_DETAILS`' with the target user as '`zzz987`' and is '`Not Authorised`'.