

Oaxaca Restaurant Software Sprint 2 Security Implementation Results

Henceforth, Amazon Web Server will be shortened to AWS.

Conclusion Tasks	Implementation Notes
Disabling remote SSH access	This task is not possible for the assessment, due to the need of remote access to the server to develop the code for the Oaxaca system. Furthermore, in terms of the restaurant system, it is not possible to disable remote access as all staff devices require a minimum of connection to the main (Amazon Web Server) server to be able to run the staff and kitchen database software.
Setting up <local> databases on staff and developer devices	The setup of local databases has been implemented on the devices of the development team during the Oaxaca restaurant software development to provide backup and 'vault' capacities for the system and future restaurant data or the database. The setup of local databases for Oaxaca staff will be implemented post completion of the Oaxaca software development.
Setting up an auditing and tracking tool for PostgreSQL	The auditing and tracking PostgreSQL tool will be set up in sprint 5 as the Oaxaca software is currently still in development. This is because, every time new PostgreSQL related code would be developed for the software the activities would be logged even when the software has not been fully developed, when the security is not yet required.
Editing the trust settings to use encryption	The main and backup server (Amazon Web Server) already has it in place and so this security detail is ensured.
Using the latest software and regularly updating the Amazon Web Server and PostgreSQL software	The latest and most compatible versions of both Amazon Web Server and PostgreSQL were chosen to ensure the effectiveness of the development of the system and are currently in use during the Oaxaca software development. Pre-completion any AWS and PostgreSQL updates will be performed to ensure full security with the back end of the software and database.
Setting up PostgreSQL access rights	This can only be implemented in sprint 5, as this task requires knowledge of the Oaxaca restaurant staff hierarchy. AWS provides access rights services to their servers, which will be set in sprint 5 along with the PostgreSQL code development for hierarchal user rights to work alongside it.
Setting up Listening Addresses	This task cannot currently be done due to the software still being in the development phase. Furthermore, it requires the IP addresses of all future users of the software, which are currently unavailable and may be restricted to the access of the development team.