Archie
Archaeological Inventory System

Installation Instructions – VirtualBox Image

Archie is a multi-user inventory system for archaeological artifacts that is centered on both field excavations as well as basic laboratory categorization. To install Archie, you will need the following:

1. An internet connection (just for setup).
2. A Windows, Linux, or OSX computer.
3. A second device that is capable of running a web browser (smart phone, tablet, laptop, etc.).
4. A network connection that both your web browser device as well as your computer can connect to. [1]

Initial Installation Instructions:

1. Download the appropriate VirtualBox installer for your operating system and install with default settings (https://www.virtualbox.org/wiki/Downloads)
2. Download the Archie VirtualBox image (http://archiedb.com/?page_id=12). Be sure to choose the correct version (either 32 or 64 bit depending on your OS).
3. Extract the Archie VirtualBox image where you would like it to reside.
4. Open VirtualBox, click on "Machine → Add", browse to where you unzipped the image, and choose the Archie-Production.vbox image.
5. Click on "Settings", then "Network", then "OK".
6. Click on "Start".

Once you click start you should see a black screen with text scroll by, this is the linux subsystem booting up for Archie. You may also see two windows at the top of the VirtualBox screen that mention "Auto capture keyboard" and "mouse pointer integration". Click on the blue and white X next to each to close them. You can now begin the configuration of Archie.

Configuration Instructions:

1. Login to the Archie server root console (case sensitive). Note that the password will not appear when you type.
   - Login=root
   - Password=archiedb

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[1] Once setup, Archie requires that you be able to connect to the server via a network connection. However, a local intranet is fine; external internet access is not required.

2. We now need to set the root password to something secure. To do this type the following command and press enter: "passwd". This will be followed by Archie asking you to set a root password. If this server is going to be connected to the internet please make sure to choose a secure password.

3. You now need to get the IP address of the Archie server. This is the address that you will type in your web browser to get to Archie. Type "ifconfig" and look for the "eth0" section. In this section, you should see an "inet addr:" followed by four sets of numbers. This is the ip address of the Archie server. Write it down.

4. You can now logout of the root console. Type "logout", but do not close the window.

5. Open a web browser (it can be on the same computer or a different one if it is on the same network) and go to the ip address that you wrote down in step 3.

6. You should see an Archie login. Type "admin" for the login name and "admin" for the password.

7. You should now see the main Archie page. Before any configuration for your specific site occurs, you should reset the administrator password. To do this, click on the "Manage" tab on the top of the screen, then "Users". You should see one user listed: "admin (admin)". Click on the "Edit" button next to it, set a new password, and click "Update".

8. You now need to create a user account for yourself. Click on the "Manage" tab again, then select "Users". Click the green "Add User" button. Set the appropriate information and click on "Add New User".

9. You will now need to grant the account you just created access. Click on "Permissions" then "Add Group". Choose "Full Admin" (assuming you will be an administrator of the site) and click Add.

You should now be up and running with a base Archie install. Future documentation will cover configuration and backups. To shut down the Archie server, go to the Archie command window and click on the "X" to close the window. Choose "Send the shutdown signal" and click "OK." To start the server again, open VirtualBox and click "Start".