About

The Ubuntu Bioinformatics Virtual Machine exists as a VMWare Image of Ubuntu 14.04 LTS (at the time of 17 March 2015) configured and then merged with Bio-Linux. This guide outlines how the virtual machine should be used in the departments to allow the best performance and cyber safety compliance as directed by campus policy Chapter 310, Section 22.

Security Requirements

In conjunction with our general department guidelines available at [http://phoenix.ucdavis.edu/PITS/](http://phoenix.ucdavis.edu/PITS/), here are the security requirements:

1) **The hosting machine is outside of our departmental restricted subnets and behind a router.**
2) The firewall and antivirus remain turned on and updated as they were distributed and set up by Phoenix IT.
3) User should use their local account for general use. The admin account should only be used for updating/installing software.
4) Admin accounts must use at least 16-alphanumeric characters passwords
5) Users know how to update/maintain the machine and have acknowledged receipt of the instruction manual.

Support from IT

This Linux/Bioinformatics distribution is highly experimental within our departments and is recommended for exploring scientific problems. It is not currently recommended to use this as your primary operating system or for long term storage of important user data unless a backup strategy is already in place and working. Because of the experimental nature of this distribution, Phoenix IT Support cannot provide general desktop support, including troubleshooting problems with programs and/or the operating system and hardware. If needed, PITS can assist with the initial setup and/or re-setup of a clean installation of this distribution. If additional linux/bioinformatics support is needed, PITS will help with locating a staff in another department with linux/bioinformatics specialty who may provide needed support with a possible hourly recharge rate.