

# Lab 10.1: Intalling and Trying Bacula

## IN719 Systems Administration

### Introduction

Bacula is a powerful backup management system that will let you define and run backup and restore jobs across your network. Because it's a powerful system, it's also complex. Today we'll install Bacula and run through a basic backup and restore operation. Later we will configure Bacula to run proper backups on our networks.

### Step-by-step

Carry out the following procudure on your **backup** server.

1. Use **apt-get** to install the **bacula-server** package<sup>1</sup>. At one point you will be asked if you want to use SQLite; say yes to this.
2. Install the **bacula-client** package.
3. Bacula's configuration files are in **/etc/bacula**. We will edit two of them today.
  - (a) In **/etc/bacula/bacula-sd.conf**, look for the *Device* section named "FileStorage". Change the *Archive Device* to **/home/bacula/storage**.
  - (b) In **/etc/bacula/bacula-dir.conf**, look for the *Job* section named *RestoreFiles*. Change the *Where* property to **/home/bacula/restores**.
  - (c) In the *FileSet* section just below this, change the *File* property to **/home/bacula/data-to-backup**.

You can learn a lot about Bacula just from inspecting these configuration files, so be sure to do so.

---

<sup>1</sup>We will bypass Puppet for today's lab, but you should create puppet modules for Bacula later.