# Unix for Telecommunications

Portfolio Task – P-Lab-09-Samba
**Distinction Level Task**

## I. INTRODUCTION

In this lab you will add to your existing Samba configuration from **P-Lab-09-Samba-P**. You will create a third shared directory which will be publicly shared but under the control of one of the users.

## II. PURPOSE

To gain and/or enhance the following practical skills:

- Deploying and configuring Samba server to offer a number of shared directories to Windows hosts
- Understand issues relating to service configuration
- Process and respond to error messages in log files
- Configure services to auto-start in Unix

## III. PREPARATION

You should not attempt this task until you complete the **Pass** level task **P-Lab-09-Samba-P**.

## IV. METHODOLOGY

### A. Creating Shares

Without destroying/changing your existing shared directories and their access functionality:

1) Create a single public share "`public`", the local(Unix) path to the shared directory should be "`/home/samba/pubStuff`".
2) This share should be accessible to all users with a valid Samba account with full read/write privileges.
3) All users should have permission to edit and delete files uploaded by other users.

### B. Testing your Configuration

1) As user `samba` you should:
   - Retain all existing access to the `home` share from **P-Lab-09-Samba-P**.
   - Be able to access the public share.
   - Any files copied to this share (from Windows) should be placed in "`/home/samba/pubStuff`" on your RULE host.
2) As user `autocollector` you should:
   - Retain all existing access to the `home` share from **P-Lab-09-Samba-P**.
   - Be able to access the `public` share.
   - Any files copied to this share (from Windows) should be placed in "`/home/samba/pubStuff`" on your RULE host.
3) It is your responsibility to ensure both users have full read/write access to the `public` share, that the `public` share is mapped to the correct corresponding directory on the rule host, and that access to the two pre-existing home shares is not changes from **P-Lab-09-Samba-P**.

## V. ASSESSMENT

The due date for completion of practical work is **11:00pm**, exactly **six** days after your scheduled class.

**Note:** *The nominated submission day/time holds regardless of whether that day is a non-teaching day or public holiday*

*A. Self Assessment*

You can self-assess your progress at any time via the marking script available at http://ruleprimary1.caia.swin.edu.au

*B. Completion of task in Doubtfire*

Download the PDF output of the marking script from http://ruleprimary1.caia.swin.edu.au and submit it to Doubtfire. Your tutor will confirm completion of the lab by examing the rule marking log files on the rule server.

If you complete the task during class beforehand, you may demonstrate completion in class to your tutor.

**Note:** *The downloaded PDF is not evidence of successful completion of the lab, it is a document to demonstrate completion within your portfolio. Your tutor will assess the evidence via either direct confirmation via the marking script or via the log files generated when you run the marking script*

*C. Tutor Discussion*

In order for the submission to be marked as complete, you must discuss your work with the tutor