Exercise 13.3: Create guest-access SMB share

- Share the directory /home/export/cifs as the share name mainexports.

- Use the workgroup name LNXFND.

- Allow read only, guest access to all hosts in the workgroup.

- Allow public access.

Solution 13.3

1. Ensure **Samba** is installed:

   - On **CentOS**:

     ```
     # yum install samba samba-client samba-common
     ```

   - On **OpenSUSE**:

     ```
     # zypper install samba samba-client
     ```

   - On **Ubuntu**:

     ```
     # apt-get install samba smbclient
     ```

2. Backup smb.conf:

   ```
   # mv /etc/samba/smb.conf /etc/samba/smb.conf.backup
   ```

3. Create a new smb.conf file with the following contents:

   ```
   [global]
       workgroup = LNXFND
       server string = Myserver
       log file = /var/log/samba/log.%m
       max log size = 50
       cups options = raw

   [mainexports]
       path = /home/export/cifs
       read only = yes
       guest ok = yes
       comment = Main exports share
   ```

4. Restart **Samba**:

   - On **CentOS** and **OpenSUSE**:

     ```
     # systemctl restart smb
     ```

   - On **Ubuntu**:

     ```
     # systemctl restart  smbd
     ```

5. Check the share is available. The password is not required, when prompted press enter to continue as **anonymous**.

   ```
   $ smbclient -L 127.0.0.1
   ```

6. From another machine or the `localhost` verify the **samba** share is working:

   ```
   $ smbclient //SERVER/mainexports
   ```

   `smbclient` will prompt for a password, you can press enter to have no password and `smbclient` will continue as anonymous user. If there is a user id and password added by `smbpasswd`, you may use those credentials. See the man page for `smbclient` for additional information.