/etc/ansible/hosts

[saclass]

100.64.0.11
100.64.11.2
100.64.11.3
100.64.11.4
100.64.11.6

mkdmuserplay

```bash
#!/bin/bash

passwd_file="/etc/passwd"
shadow_file="/etc/shadow"
group_file="/etc/group"
playbook_file="./dmusers.yaml"

echo "---" > "$playbook_file"
chown oldo5582 "$playbook_file"
# shellcheck disable=SC2129
echo "- name: Lab7 User Setup" >> "$playbook_file"
echo "  hosts: saclass" >> "$playbook_file"
echo "  become: true" >> "$playbook_file"
echo "  remote_user: oldo5582" >> "$playbook_file"
echo "  tasks:" >> "$playbook_file"

while IFS=: read -r user _ uid gid gecos home shell; do
    if [[ gid -ge 3000 && gid -le 4000 ]]; then
       hash=$(awk -F: -v user="$user" '$1 == user {print $2}' "$shadow_file")
       groups=$(awk -F: -v user="$user" '$0 ~ user {print $1}' "$group_file" | tr '\n' ',' | sed 's/,$//')
       # shellcheck disable=SC2129
       echo "  - name: Set parameters for user $user" >> "$playbook_file"
       echo "    user:" >> "$playbook_file"
       echo "      name: $user" >> "$playbook_file"
       echo "      uid: $uid" >> "$playbook_file"
       echo "      group: $gid" >> "$playbook_file"
       echo "      comment: '$gecos'" >> "$playbook_file"
       echo "      home: '$home'" >> "$playbook_file"
       echo "      shell: $shell" >> "$playbook_file"
       if [[ -n "$hash" ]]; then
           echo "      password: '$hash'" >> "$playbook_file"
       fi
       if [[ -n "$groups" ]]; then
           echo "      groups: $groups" >> "$playbook_file"
       fi
```

```
        echo "" >> "$playbook_file"
    fi
done < "$passwd_file"
```

umask.yaml

```
---
- name: Copy umask
  hosts: saclass
  become: true
  remote_user: oldo5582
  tasks:
    - name: do the copying
      ansible.builtin.copy:
        src: /etc/profile.d/umask.sh
        dest: /etc/profile.d/umask.sh
        owner: root
        group: root
        mode: u=rw,g=r,o=r
```

this took about 5 hours. excluding copious dawdling and hemming and
hawing.