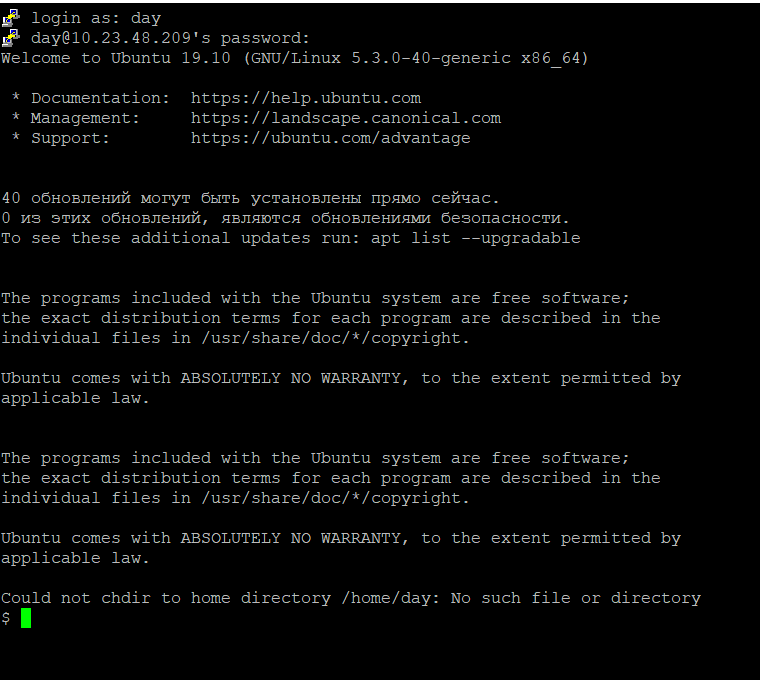
Вход по SSH разрешен.

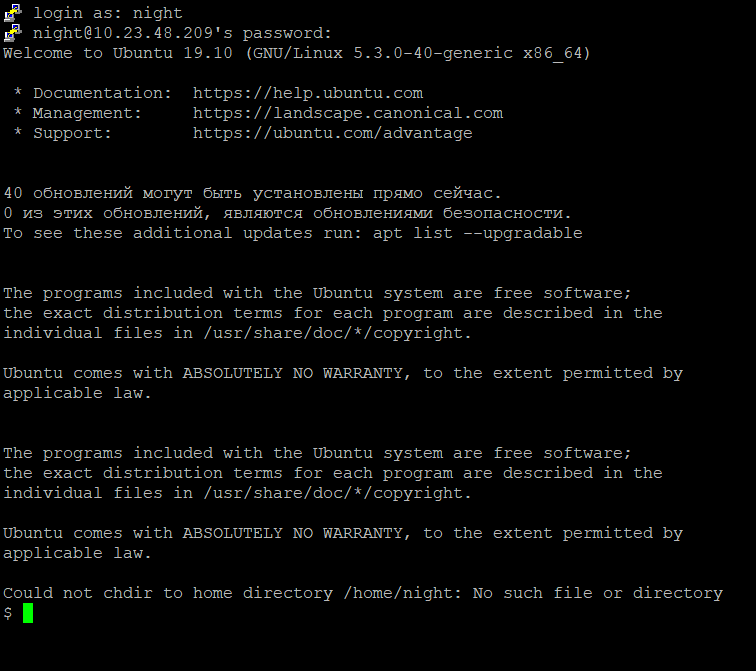
Скрины putty c дургой машины:

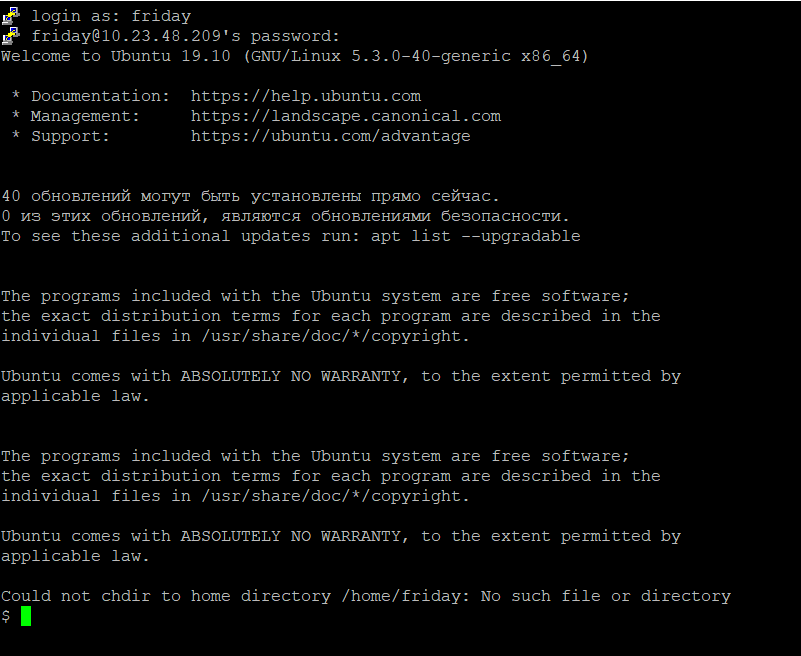
Создадим пользователей согласно заданию:

1170  sudo useradd day; sudo useradd night; sudo useradd friday  
 1171  cat /etc/passwd  
 1172  passwd day  
 1173  sudo passwd day  
 1174  su - day  
 1175  sudo passwd night  
 1176  sudo passwd friday

Ниже скрины, которые показывают возможность подлкючения по SSH:







Настройка ограничения доступа при помощи модуля pam\_time.

Внесем изменения в файл */etc/security/time.conf*, добавим записи:

*\*;\*;day;Al0800-2000*

*\*;\*;night;!Al0800-2000\*;*

*\*;friday;Fr*

Принтаут:

rustam3@rustam3-HP-ProBook-6460b:~/Рабочий стол$ cat /etc/security/time.conf | grep -v ^# | grep -v ^$  
\*;\*;day;Al0800-2000  
\*;\*;night;!Al0800-2000  
\*;\*;friday;Fr

изменим файл */etc/pam.d/sshd*, добавим строки

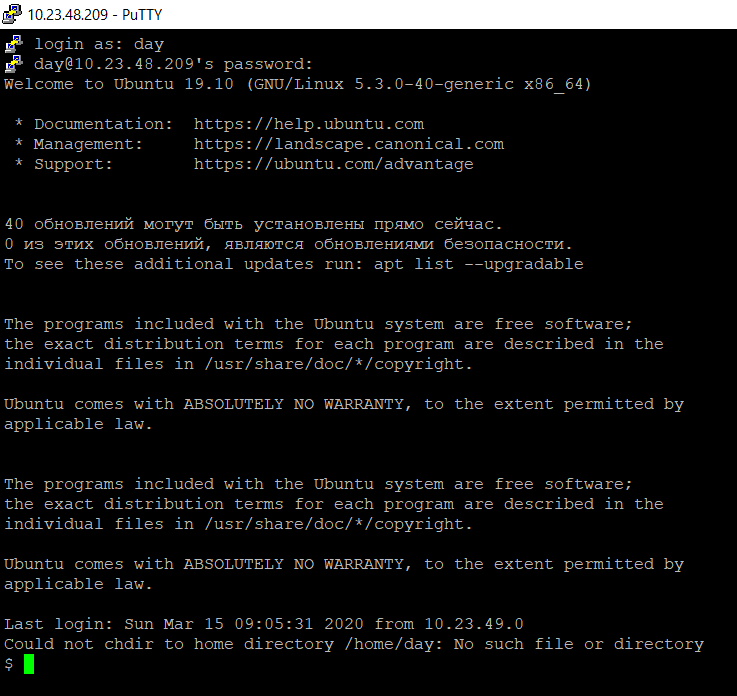
*account required pam\_nologin.so*

*account required pam\_time.so*

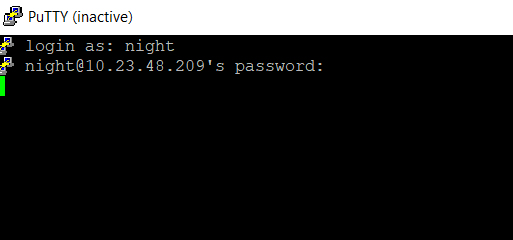
принтаут:

rustam3@rustam3-HP-ProBook-6460b:~/Рабочий стол$ cat /etc/pam.d/sshd | grep -v ^# | grep -v ^$  
@include common-auth  
account    required     pam\_nologin.so  
@include common-account  
session [success=ok ignore=ignore module\_unknown=ignore default=bad]        pam\_selinux.so close  
session    required     pam\_loginuid.so  
session    optional     pam\_keyinit.so force revoke  
@include common-session  
session    optional     pam\_motd.so  motd=/run/motd.dynamic  
session    optional     pam\_motd.so noupdate  
session    optional     pam\_mail.so standard noenv # [1]  
session    required     pam\_limits.so  
session    required     pam\_env.so # [1]  
session    required     pam\_env.so user\_readenv=1 envfile=/etc/default/locale  
session [success=ok ignore=ignore module\_unknown=ignore default=bad]        pam\_selinux.so open  
@include common-password  
account    required     pam\_nologin.so  
account    required     pam\_time.so  
rustam3@rustam3-HP-ProBook-6460b:~/Рабочий стол$

пользователи day, friday с такими настройками смогли подлючиться:



Пользователь night не может:



Подтверждение из логов:

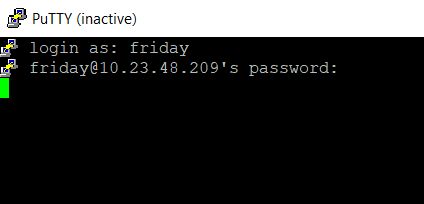
ustam3@rustam3-HP-ProBook-6460b:/var/log$ cat auth.log | grep night  
Mar 15 09:02:32 rustam3-HP-ProBook-6460b sudo:  rustam3 : TTY=pts/0 ; PWD=/home/rustam3/Рабочий стол ; USER=root ; COMMAND=/usr/sbin/useradd night  
Mar 15 09:02:32 rustam3-HP-ProBook-6460b useradd[4744]: new group: name=night, GID=1004  
Mar 15 09:02:32 rustam3-HP-ProBook-6460b useradd[4744]: new user: name=night, UID=1004, GID=1004, home=/home/night, shell=/bin/sh  
Mar 15 09:04:27 rustam3-HP-ProBook-6460b sudo:  rustam3 : TTY=pts/0 ; PWD=/home/rustam3/Рабочий стол ; USER=root ; COMMAND=/usr/bin/passwd night  
Mar 15 09:04:35 rustam3-HP-ProBook-6460b passwd[4807]: pam\_unix(passwd:chauthtok): password changed for night  
Mar 15 09:07:24 rustam3-HP-ProBook-6460b sshd[5053]: Accepted password for night from 10.23.49.0 port 55633 ssh2  
Mar 15 09:07:24 rustam3-HP-ProBook-6460b sshd[5053]: pam\_unix(sshd:session): session opened for user night by (uid=0)  
Mar 15 09:07:25 rustam3-HP-ProBook-6460b systemd-logind[649]: New session 13 of user night.  
Mar 15 09:07:25 rustam3-HP-ProBook-6460b systemd: pam\_unix(systemd-user:session): session opened for user night by (uid=0)  
Mar 15 09:08:08 rustam3-HP-ProBook-6460b sshd[5053]: pam\_unix(sshd:session): session closed for user night  
Mar 15 09:23:05 rustam3-HP-ProBook-6460b sshd[5854]: Failed password for night from 10.23.49.0 port 55970 ssh2  
Mar 15 09:23:05 rustam3-HP-ProBook-6460b sshd[5854]: fatal: Access denied for user night by PAM account configuration [preauth]  
Mar 15 09:23:43 rustam3-HP-ProBook-6460b sshd[5964]: Failed password for night from 10.23.49.0 port 55992 ssh2  
Mar 15 09:23:43 rustam3-HP-ProBook-6460b sshd[5964]: fatal: Access denied for user night by PAM account configuration [preauth]  
Mar 15 09:52:06 rustam3-HP-ProBook-6460b sshd[7132]: Failed password for night from 10.23.49.0 port 56629 ssh2  
Mar 15 09:52:06 rustam3-HP-ProBook-6460b sshd[7132]: fatal: Access denied for user night by PAM account configuration [preauth]

зеленым выделено до применения параметров, желтым новые, при котором не возможно подключится.

Внесем новые правила для Friday:

rustam3@rustam3-HP-ProBook-6460b:/var/log$ cat /etc/security/time.conf | grep -v ^# | grep -v ^$  
\*;\*;day;Al0800-2000  
\*;\*;night;!Al0800-2000  
\*;\*;friday;**!Fr**

подключение по SSH не работает:



Логи подтверждающие это:

rustam3@rustam3-HP-ProBook-6460b:/var/log$ cat auth.log | grep friday  
Mar 15 09:02:32 rustam3-HP-ProBook-6460b sudo:  rustam3 : TTY=pts/0 ; PWD=/home/rustam3/Рабочий стол ; USER=root ; COMMAND=/usr/sbin/useradd friday  
Mar 15 09:02:32 rustam3-HP-ProBook-6460b useradd[4751]: new group: name=friday, GID=1005  
Mar 15 09:02:32 rustam3-HP-ProBook-6460b useradd[4751]: new user: name=friday, UID=1005, GID=1005, home=/home/friday, shell=/bin/sh  
Mar 15 09:04:46 rustam3-HP-ProBook-6460b sudo:  rustam3 : TTY=pts/0 ; PWD=/home/rustam3/Рабочий стол ; USER=root ; COMMAND=/usr/bin/passwd friday  
Mar 15 09:04:55 rustam3-HP-ProBook-6460b passwd[4813]: pam\_unix(passwd:chauthtok): password changed for friday  
Mar 15 09:08:23 rustam3-HP-ProBook-6460b sshd[5169]: Accepted password for friday from 10.23.49.0 port 55640 ssh2  
Mar 15 09:08:23 rustam3-HP-ProBook-6460b sshd[5169]: pam\_unix(sshd:session): session opened for user friday by (uid=0)  
Mar 15 09:08:23 rustam3-HP-ProBook-6460b systemd-logind[649]: New session 15 of user friday.  
Mar 15 09:08:23 rustam3-HP-ProBook-6460b systemd: pam\_unix(systemd-user:session): session opened for user friday by (uid=0)  
Mar 15 09:24:40 rustam3-HP-ProBook-6460b sshd[5969]: Accepted password for friday from 10.23.49.0 port 56035 ssh2  
Mar 15 09:24:40 rustam3-HP-ProBook-6460b sshd[5969]: pam\_unix(sshd:session): session opened for user friday by (uid=0)  
Mar 15 09:24:40 rustam3-HP-ProBook-6460b systemd-logind[649]: New session 28 of user friday.  
Mar 15 09:50:50 rustam3-HP-ProBook-6460b sshd[5969]: pam\_unix(sshd:session): session closed for user friday  
Mar 15 09:51:21 rustam3-HP-ProBook-6460b sshd[5169]: pam\_unix(sshd:session): session closed for user friday  
Mar 15 09:59:50 rustam3-HP-ProBook-6460b sshd[7346]: Failed password for friday from 10.23.49.0 port 56854 ssh2  
Mar 15 09:59:50 rustam3-HP-ProBook-6460b sshd[7346]: fatal: Access denied for user friday by PAM account configuration [preauth]  
rustam3@rustam3-HP-ProBook-6460b:/var/log$

желтым выделено срабатывание правила входа по ssh для friday.