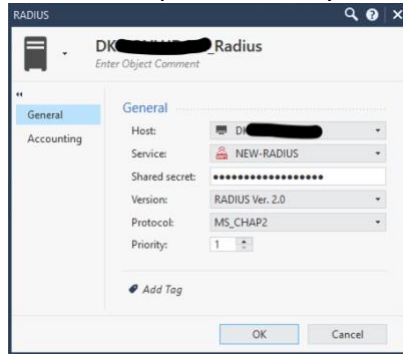# Using RADIUS Groups (RAD_<Group>) to Assign Permissions

- Run on R80.40 VSX,
- Client is Endpoint Security VE84.70 Build 986200225 (MACOS)

- Radius authentication to NPS Windows Server 2010R2
- Configuration according to attached Checkpoint documentation (Radius authentication – Compatibility Mode)

- 2 accesss roles , matching 2 Policy Groups on Radius
  1 access role, matching "any user2

## Using RADIUS Groups (RAD_<Group>) to Assign Permissions
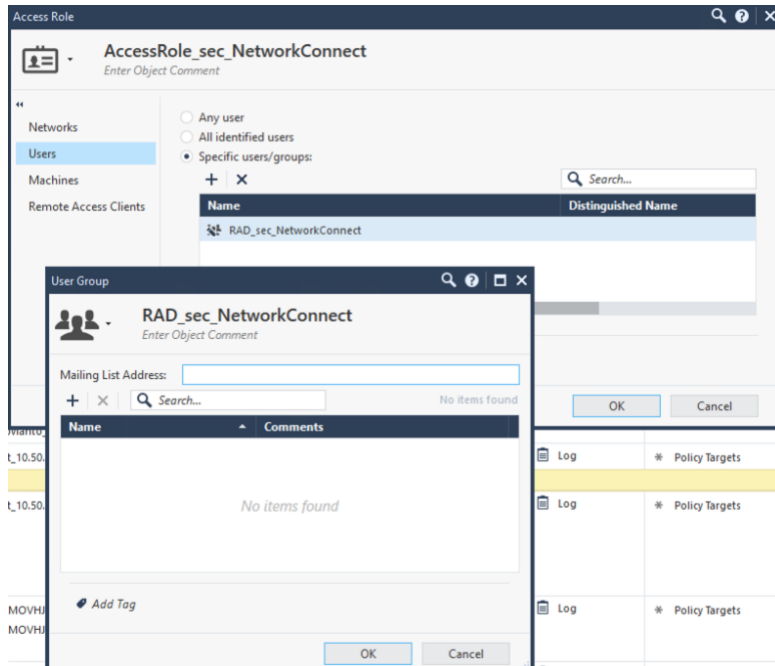
- vpnd.elg shows 3 groups

```
[vpnd 3330 4081784768]@FW11ALBE001[13 Jul 15:00:23][AU] radius_update_by_reply: calling handler for attr 26.
[vpnd 3330 4081784768]@FW11ALBE001[13 Jul 15:00:23][AU] radius_update_user_groups(au=9dbd608): start. do_radgroups=1
[vpnd 3330 4081784768]@FW11ALBE001[13 Jul 15:00:23][AU] radius_update_user_groups(au=9dbd608): Looking for group RAD_S=F7C5009FF904AEBFE909DF107992300A7DEE39E1 in db
[vpnd 3330 4081784768]@FW11ALBE001[13 Jul 15:00:23][AU] radius_update_user_groups(au=9dbd608): group RAD_S=F7C5009FF904AEBFE909DF107992300A7DEE39E1 not found in db
[vpnd 3330 4081784768]@FW11ALBE001[13 Jul 15:00:23][AU] radius_update_user_groups: didn't add group [RAD_S=F7C5009FF904AEBFE909DF107992300A7DEE39E1]
[vpnd 3330 4081784768]@FW11ALBE001[13 Jul 15:00:23][AU] radius_update_user_groups(au=9dbd608): Looking for group RAD_€s8*;[:ý„°ñ'Ø€•á®Ê§' 'ÁXÓe'È‰_à· in db
[vpnd 3330 4081784768]@FW11ALBE001[13 Jul 15:00:23][AU] radius_update_user_groups(au=9dbd608): group RAD_€s8*;[:ý„°ñ'Ø€•á®Ê§' 'ÁXÓe'È‰_à· not found in db
[vpnd 3330 4081784768]@FW11ALBE001[13 Jul 15:00:23][AU] radius_update_user_groups: didn't add group [RAD_€s8*;[:ý„°ñ'Ø€•á®Ê§' 'ÁXÓe'È‰_à·]
[vpnd 3330 4081784768]@FW11ALBE001[13 Jul 15:00:23][AU] radius_update_user_groups(au=9dbd608): Looking for group RAD_€t«ž_ÐXú¦ÇšBaÇ-Ï5Ñé€÷ùgý□Ï¨Í» in db
[vpnd 3330 4081784768]@FW11ALBE001[13 Jul 15:00:23][AU] radius_update_user_groups(au=9dbd608): group RAD_€t«ž_ÐXú¦ÇšBaÇ-Ï5Ñé€÷ùgý□Ï¨Í» not found in db
[vpnd 3330 4081784768]@FW11ALBE001[13 Jul 15:00:23][AU] radius_update_user_groups: didn't add group [RAD_€t«ž_ÐXú¦ÇšBaÇ-Ï5Ñé€÷ùgý□Ï¨Í»]
[vpnd 3330 4081784768]@FW11ALBE001[13 Jul 15:00:23][AU] radius_callback(au=9dbd608): daemon: other, login info: valid, server object: valid, src_ip: 0
[vpnd 3330 4081784768]@FW11ALBE001[13 Jul 15:00:23][CPSC] cpsc_get_msg_by_id: Cache HIT for CPSC_RADIUS_AUTHENTICATED
[vpnd 3330 4081784768]@FW11ALBE001[13 Jul 15:00:23][CPSC] cpsc_get_msg_by_id: Cache HIT for CPSC_RADIUS_USER_AUTHENTICATED
```

Using RADIUS Groups (RAD_<Group>) to Assign Permissions

- Log shows:
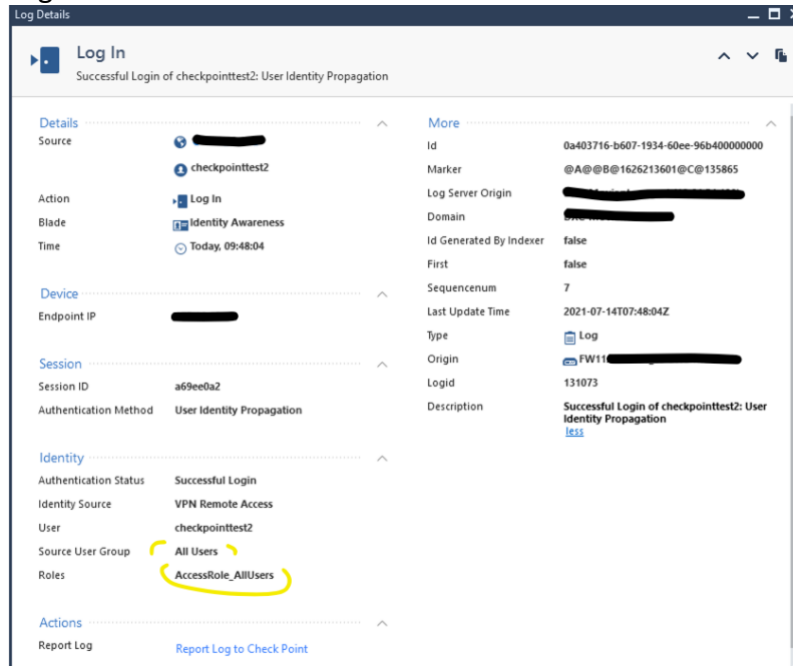
- Only rule 17 is matched

▼ VPN Client (15-18)									
15	192	CP NetworkConnect	AccessRole_sec_NetworkConnect	net_	RemoteAccess	Any	Accept	Log / Accounting	Policy Targets
16	2K	CP SMS passcode	AccessRole_sec_smspasscode_users	net_	RemoteAccess	Any	Accept	Log / Accounting	Policy Targets
17	25K	CP Endpoint Security clients	AccessRole_AllUsers	net_10	RemoteAccess	Any	Accept	Log / Accounting	Policy Targets