# Read / Write VPD SOP
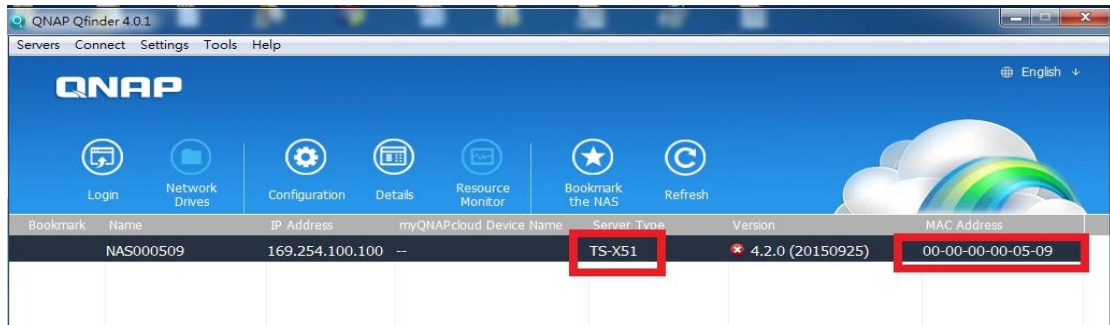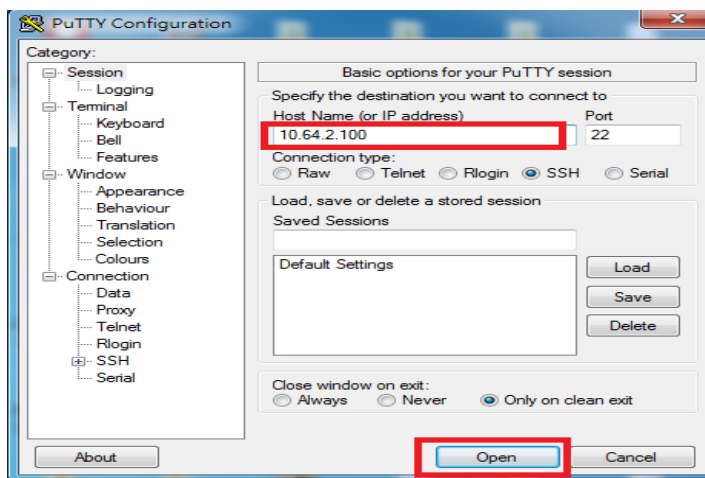
For some cases, the NAS lost its VPD or missing VPD during RMA process. This will cause the NAS working improperly.

**Symptom :** search NAS by Qfinder, find NAS model name display X for bay number and MAC address display "00-00-00-00-05-09".
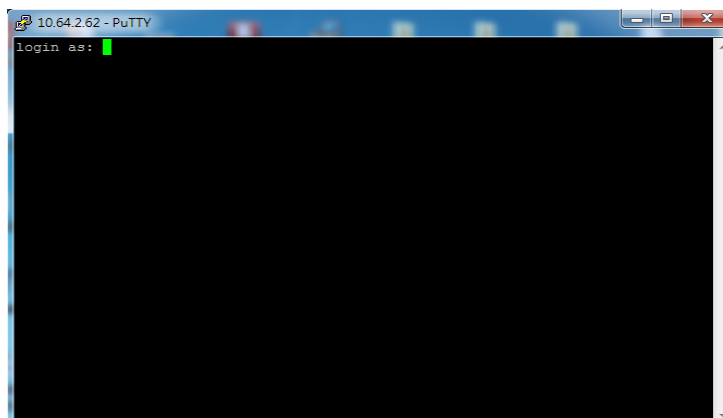


**Solution :** Please follow below steps write VPD to NAS again.
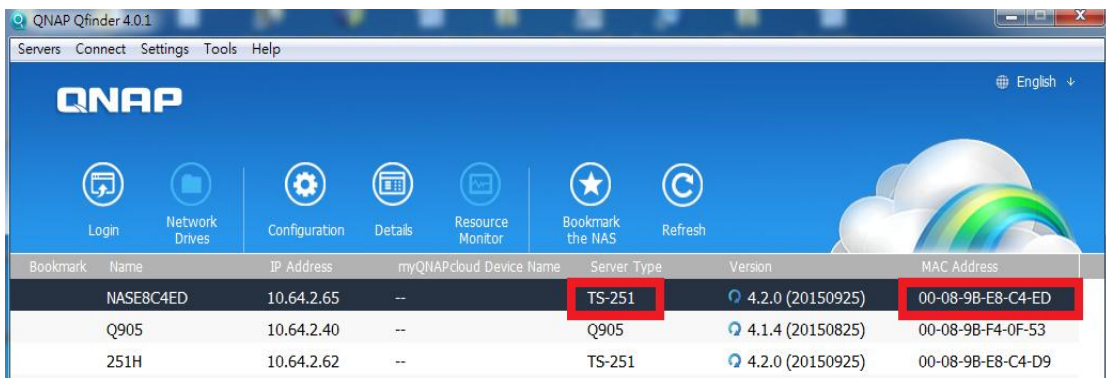
▪ Open Putty

▪ Key in NAS IP



▪ Log in username and password of NAS.

Below command examples for reading and writing VPD from / to NAS.

- **Read motherboard VPD**
  [~] # *hal_app --vpd_get_field obj_index=0:4*
  field<0:4> = 70-0QW560130

- **Read backplane board VPD**
  [~] # *hal_app --vpd_get_field obj_index=1:7*
  field<1:7> = 70-1QW670120

- **Write motherboard VPD**
  [~] # *hal_app --vpd_set_field obj_index=0:4,value=xx-xxxxxxxxx*
  Where xx-xxxxxxxxx: the motherboard 70-level part number (EX: 70-0QW560130)

- **Write backplane board VPD**
  [~] # *hal_app --vpd_set_field obj_index=1:7,value=xx-xxxxxxxxx*
  Where xx-xxxxxxxxx: the backplane board 70-level part number (EX: 70-1QW670120)

- When write command is finished, please reboot NAS.

- After reboot, please search NAS and make sure model name and MAC address if correct or not.



**Note :** when you unable to find out the part number, please write in 70-0QW560130 (for motherboard) and 70-1QW670120 (for backplane) to commands.