

ptp-pack.c

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vnccolormap.c

Integer Variables

- offset
- size
- idx
- red
- green
- Blue

a) Software Defects:

- In the `vnc_color_map_free` function, the parameter is passed by value and not by reference, so it will only release the memory associated with the copy of the struct and not the original struct.
- The function `vnc_color_map_set` does not check for NULL pointer and it is not clear if the map pointer passed in can be null or not. If it can be null, the function should check for it and return or handle it accordingly.
- The function `vnc_color_map_set` also does not check for the range of red, green and blue values. The values passed to this function should be validated to make sure they are within the valid range for the color map.

b) Security Flaws

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