

REF:

www.cisco.com/en/US/prod/voicesw/custcosw/ps5693/ps14/prod_system_requirements0900aecd800e3149.pdf

Also: <http://wiki.wireshark.org/CaptureSetup/VLAN>

There is a registry key under

HKLMSYSTEMCurrentControlSetcontrolClass{4D36E972-E325-11CE-BFC1-08002bE10318}\0xx that can be set to cause the driver and chip not to strip the 802.1Q headers. In order to set that key, you need to find the right instance of the driver in Registry Editor and set that key for it. You can do this by doing following:

1. Run the Registry Editor (regedit)
2. Hit **CTRL+Home** to go to the top of the registry
3. Hit **F3** to bring up a search
4. Search for *TxCoalescingTicks* - actually a search for *txcoal* will do

This should take you to something like:

HKLMSYSTEMCurrentControlSetcontrolClass{4D36E972-E325-11CE-BFC1-08002bE10318}\0xx

5. Right-click on a bit of white space near the *TxCoalescingTicks* field.
6. Enter "**PreserveVlanInfoInRxPacket**" –
 - a. Then highlight the text **PreserveVlanInfoInRxPacket** and copy it to the clipboard – you'll need it again later.
7. Give the newly created field (**PreserveVlanInfoInRxPacket**) the value "**1**".
8. Hit **F3** to repeat the search – goto step 5 again. Repeat until you reach the beginning again.
9. Reboot the PC