

Tagged packet

MAC	VLAN TAG	IP	DATA
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Untagged packet

MAC	IP	DATA
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#### AVAILABLE PORT CONFIGURATIONS

Tagged Port

Only Allows tagged packets

1	2
3	4

This is a port with the VLANs 1,2,3,4 tagged, if you connect a device without tagging enabled, it would not connect to any network

Tagged and untagged port

Only Allows tagged packets, and untagged packets to the native vlan

1	2
3	4

This is a port with the VLANs 1,2,3 tagged, and 4 untagged, if you connect a device without tagging enabled, it will end on the VLAN number 4

Untagged Switch Port

Drops any tagged packet, only allows untagged packets  
This is default on per example, a PC

4
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This is a port with VLAN 4 untagged. Packets landing here will end on VLAN 4

1	2
3	4

This is 1,3 tagged, and 2,4 untagged.

This is not possible.

How the switch knows to which LAN send the packets if they are not tagged?



