

OPNsense Interface

Interfaces > Settings

Option	Value
Hardware CRC	Check "Disable hardware checksum offload" (if not already checked)
Hardware TSO	Check "Disable hardware TCP segmentation offload" (if not already checked)
Hardware LRO	Check "Disable hardware large receive offload" (if not already checked)
VLAN Hardware Filtering	Choose the "Disable VLAN Hardware Filtering" option

Interfaces VLAN

VLAN Tag	VLAN Description	Purpose
10	Office	For PCs, laptops, Printer
20	Train	For HA, Tracksensor, Leddriver
30	IPCAM	Isolated network for IP cameras (for local access only)

Interfaces > Other Types > VLAN

Option	VLAN10	VLAN20	VLAN30
Device			
Parent	re1 (ac:15:a2:60:df:06)	re1 (ac:15:a2:60:df:06)	re1 (ac:15:a2:60:df:06)
VLAN tag	10	20	30
VLAN priority	Best Effort (0, default)	Best Effort (0, default)	Best Effort (0, default)
Description	Office	Train	IPCam

Press: **[Save]** Press: **[Apply]**

Interfaces > Assignments

Interface (ID)	Network port
WAN (wan)	em0 (2c:41:38:8d:26:f9)
LAN (lan)	re0 (ac:15:a2:02:e4:a9)
Office (opt1)	vlan01 Office (Parent: re1, Tag: 10)
Train (opt2)	vlan02 Train (Parent: re1, Tag: 20)
IPCAM (opt3)	vlan03 IPCAM (Parent: re1, Tag: 30)

Click the "Save" button when you are finished.

Interfaces > [Page]

Option	WAN	LAN	Office	Train	IPCam
Enable	Enable Interface	Enable Interface	Enable Interface	Enable Interface	Enable Interface
Lock	Check	Check	Check	Check	Check
Description	WAN	LAN	Office	Train	IPCam
Block private networks	Unchecked	Unchecked	Unchecked	Unchecked	Unchecked
Block bogon networks	Unchecked	Unchecked	Unchecked	Unchecked	Unchecked
IPv4 Configuration Type	DHCP	Static IPv4	Static IPv4	Static IPv4	Static IPv4
IPv6 Configuration Type		None	None	None	None
Static IPv4 configuration					
IPv4 address		192.168.101.1/24	192.168.110.1/24	192.168.120.1/24	192.168.130.1/24