



# VLAN Configuration

Product: Antikor v2 - Next Generation Firewall  
Guides

# VLAN Configuration

This is the section where the VLAN definitions are made in AntiKor. The VLAN settings on the switches are configured in AntiKor in this section. Which VLAN address tag is to be assigned to which IP address group and which IP address is assigned to NAT is defined in a single line.

VLAN Configuration

ReloadAdd

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#	Status	Name	Security Zone	Ethernet Interface	VLAN ID	Connection Type	IPv4 Address	IPv6 Address	Options	Description	Actions
1	Active	accounting	LAN Zone (lan-zone)	em1 - LAN1	100	Tagged			Anti-Spoof DHCPv4 Server	test	EditDelete

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Go

## VLAN Configuration New Record

General Status

Status

Active

Name

Ex. : Accounting

VLAN ID

Ex. : 100

Connection Type

Tagged

Security Zone

lan1-zone

Ethernet Interface

vmx1 - LAN1

Description

Description

IPv6 Settings

Obtain IPv6 Automatically

EUI64

Passive

IPv6 Address

IPv6

Ex. : ffff::1/16

DHCPv6 Pool Start

IPv6

DHCPv6 Pool End

IPv6

DHCPv6 Relay Address

IPv6

IPv4 Settings

Obtain IPv4 Automatically

IPv4 Address

IPv4

Ex. : 10.10.10.10/24

DHCPv4 Pool Mode

Distribute IP to All Clients

DHCPv4 Pool Start

IPv4

DHCPv4 Pool End

IPv4

DHCPv4 Gateway

IPv4

DHCPv4 Relay Address

IPv4

Options

MAC-IP Pairing

Registration

DHCPv6 Server

DHCPv6 Relay

Managed Flag

Anti-Spoof

Make announcement

DHCPv4 Server

DHCPv4 Relay

Other Flag

Cancel

Save

General Statuses

FIELD	DESCRIPTION
Status	Choose either active or passive as status.
Name	Enter VLAN name.
VLAN ID	Choose VLAN number.
Connection Type	Choose either Tagged, Routed or Tagged & PBR (Only ARP). If routed is selected, automatic registration can be entered for Static Routing with the IP address entered in the router field. If tagged & pbr is selected automatic registration can be entered for PBR with the IP address entered in the router field.
Security Zone	The security zone is selected for the VLAN interface.
Ethernet Interface	Choose which interface to be used.

## IPv4 Settings

FIELD	DESCRIPTION
IPv4 Address	Enter IPv4 address to be used by VLAN in Antikor.
DHCPv4 Beginning	Enter beginning IPv4 address of IPv4 addresses to be distributed in VLAN.
DHCPv4 End	Enter end IPv4 address of IPv4 addresses to be distributed in VLAN.
DHCPv4 Gateway	Enter IPv4 gateway for VLAN.
Global NAT	Enter real IPv4 address of VLAN which can access to Internet.
Global NAT Log Traffic	By activating the button, all traffic can be sent to the Syslog server.

## IPv6 Settings

FIELD	DESCRIPTION
EUI64	If activated, the Extended Unique Identifier places 16 bits in the middle of this 48-bit address to create a 64-bit interface ID using the client's 48-bit Ethernet MAC address.
IPv6 Address	Enter IPv6 address to be used by VLAN in Antikor.
DHCPv6 Beginning	Enter beginning IPv6 address of IPv6 addresses to be distributed in VLAN.
DHCPv6 End	Enter end IPv6 address of IPv6 addresses to be distributed in VLAN.

## Options

FIELD	DESCRIPTION
MAC Matching	Choose whether or not IP addresses are to be matched with MAC Addresses.
NAT	Choose whether or not NAT is to be used for VLAN.
Retrieve Record	Choose retrieve a record option if the system is desired to be active.
Make an Announcement	If an announcement is made (BGP is used) for the added IP address is selected.
DHCPv4 Server	Choose whether or not DHCPv4 is to be used or not.
DHCPv6 Server	Choose whether or not DHCPv6 is to be used or not.
DHCPv4 Relay	Forward incoming dhcp messages to a specific dhcpv4 server
DHCPv6 Relay	forward incoming dhcp messages to a specific dhcpv6 server

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