

epati

Ethernet Assignment

Product: Antikor v2 - Next Generation Firewall
Guides

Ethernet Assignment

It is the part where the Ethernet settings in AntiKor are performed. The Local Area Network (LAN), Wide Area Network (WAN), Demilitarized Zone (DMZ), and PPPoE settings are configured in this section. Multiple LAN, WAN and DMZ interfaces can be added in AntiKor depending on license content.

Ethernet Assignment Reload Add WAN Add LAN Add DMZ Add PPPoE

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#	Status	Cluster Membership	Web Interface Access	Security Zone	Interface	Ethernet Name	Selected Speed	MTU	IPv4 Address	IPv6 Address	Options	Description	Actions
1	Active	Active	Active	Ian1-zone	LAN1	igb1 - Physical	autoselect	1500	192.168.1.1/24		Anti-Spoof DHCPv4 Server	LAN1	Edit Delete
2	Active	Active	Active	Ian2-zone	LAN2	igb2 - Physical	autoselect	1500	172.16.20.1/24		Anti-Spoof DHCPv4 Server	LAN2	Edit Delete
3	Active	Active	Active	WAN Zone	WAN1	igb0 - Physical	autoselect	1500	10.2.1.70/24				Edit Delete

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Add WAN New Record

Ethernet States

Status	<input checked="" type="checkbox"/> Active
Security Zone	Select... ▼
Interface	WAN2 ▼
Ethernet Name	ixl2 ▼
Speed	autoselect ▼
MTU	1500
Web Interface Access	<input checked="" type="checkbox"/> Active
Cluster Membership	<input checked="" type="checkbox"/> Active
Cluster Ethernet Name	ixl2
Description	

IP Settings

Obtain IPv4 Automatically	<input type="checkbox"/>
IPv4 Address	IPv4 10.10.10.10/24
IPv4 Gateway	IPv4 10.10.10.1
Obtain IPv6 Automatically	<input type="checkbox"/>
EUI64	<input checked="" type="checkbox"/> Passive
IPv6 Address	IPv6 ffff::10/8
IPv6 Gateway	IPv6 ffff::1

Ethernet Statuses



FIELD	DESCRIPTION
Status	Choose either active or passive as status.
Security Zone	Select the security zone to be assigned to the interface.
Interface	Choose which interface is to be used (e.g. WAN1, WAN2, ..).
Ethernet Name	Choose which physical interface is to be used.
MTU	Enter MTU value.
Web Interface Access	If IP addresses on the WAN side are going to gain access to the interface, they are pulled to active.
Cluster Membership	Cluster membership does not push the passivated ethernet to the other device.
Cluster Ethernet Name	If there is a backup environment, the cluster ethernet name is entered. (The ethernet name of the device opposite is entered.)

IP Settings

FIELD	DESCRIPTION
Automatically obtain an IPv4	Choose whether or not IPv4 address is automatically obtained.
IPv4 Address	If Automatically Obtain an IPv4 option is not choosed, IPv4 address is entered.
Gateway	Enter Gateway.
Automatically obtain an IPv6	Choose whether or not IPv6 address is automatically obtained.
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	If Automatically Obtain an IPv6 option is not choosed, IPv6 address is entered.

Options

FIELD	DESCRIPTION
Fail Over	Select whether to use as a backup line.

Add LAN New Record

Ethernet States

Status Active

Security Zone

Interface

Ethernet Name

Speed

MTU

Web Interface Access Active

Cluster Membership Active

Cluster Ethernet Name

Description

IPv4 Settings

Obtain IPv4 Automatically

IPv4 Address

DHCPv4 Pool Mode

DHCPv4 Start

DHCPv4 End

DHCPv4 Gateway

DHCPv4 Relay Address

Options

MAC-IP Pairing Anti-Spoof

Registration Make announcement

DHCPv6 Server DHCPv4 Server

DHCPv6 Relay DHCPv4 Relay

Managed Flag Other Flag

IPv6 Settings

Obtain IPv6 Automatically

EUI64

IPv6 Address

DHCPv6 Start

DHCPv6 End

DHCPv6 Relay Address

Ethernet Statuses



FIELD	DESCRIPTION
Status	Choose either active or passive as status.
Security Zone	Select the security zone to be assigned to the interface.
Interface	Choose an interface to be used (e.g. LAN1, LAN2, ..).
Ethernet Name	Choose which physical interface is to be used.
MTU	Enter MTU value.
Web Interface Access	If IP addresses on the WAN side are going to gain access to the interface, they are pulled to active.
Cluster Membership	Cluster membership does not push the passivated ethernet to the other device.
Cluster Ethernet Name	If there is a backup environment, the cluster ethernet name is entered. (The ethernet name of the device opposite is entered.)

IP Settings

FIELD	DESCRIPTION
Automatically obtain an IPv4	Choose whether or not IPv4 address is automatically obtained.
IPv4 Address	If Automatically Obtain an IPv4 option is not choosed, IPv4 address is entered.
Gateway	Enter Gateway.
Automatically obtain an IPv6	Choose whether or not IPv6 address is automatically obtained.
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	If Automatically Obtain an IPv6 option is not choosed, IPv6 address is entered.
Global NAT	Enter real IPv4 address which can access to Internet.
Global NAT Log Traffic	By activating the button, all traffic can be sent to the Syslog server.

DHCP Settings

FIELD	DESCRIPTION
DHCPv4 Beginning IP	Enter beginning IPv4 address of IPv4 addresses to be distributed in LAN.
DHCPv4 End IP	Enter end IPv4 address of IPv4 addresses to be distributed in LAN.
DHCPv4 Gateway	Enter Gateway.
DHCPv6 Beginning IP	Enter beginning IPv6 address of IPv6 addresses to be distributed in LAN.
DHCPv6 End IP	Enter end IPv6 address of IPv6 addresses to be distributed in LAN.

Options

FIELD	DESCRIPTION
DHCPv4 Server	Choose whether or not DHCPv4 is to be used.
DHCPv6 Server	Choose whether or not DHCPv6 is to be used.
NAT	Choose whether or not NAT is to be used.
Retrieve a Record	Choose retrieve a record option if the system is desired to be active.
MAC Matching	Choose whether or not IP addresses are matched with MAC addresses.

Note: DHCP Servers (DHCPv4/v6) and DHCP Relay (DHCPv4/v6) do not work at the same time.

Note: In case of opening DHCP Server for Loopback interface; it will only work to accept relay requests.

Add DMZ New Record



Ethernet States

Status	<input checked="" type="checkbox"/> Active
Security Zone	Select... ▾
Interface	DMZ1 ▾
Ethernet Name	ixl2 ▾
Speed	autoselect ▾
MTU	1500
Web Interface Access	<input checked="" type="checkbox"/> Active
Cluster Membership	<input checked="" type="checkbox"/> Active
Cluster Ethernet Name	ixl2
Description	

IP Settings

IPv4 Address	IPv4	10.10.10.10/24
EUI64	<input checked="" type="checkbox"/> Passive	
IPv6 Address	IPv6	ffff::10/8

Options

DHCPv4 Server DHCPv6 Server Anti-Spoof

Ethernet Statuses



FIELD	DESCRIPTION
Status	Choose either active or passive as status.
Security Zone	Select the security zone to be assigned to the interface.
Interface	Choose an interface (e.g. DMZ1, DMZ2, etc.) to be used.
Ethernet Name	Choose which physical interface is to be used.
MTU	Enter MTU value.
Web Interface Access	If IP addresses on the WAN side are going to gain access to the interface, they are pulled to active.
Cluster Membership	Cluster membership does not push the passivated ethernet to the other device.
Cluster Ethernet Name	If there is a backup environment, the cluster ethernet name is entered. (The ethernet name of the device opposite is entered.)

IP Settings

FIELD	DESCRIPTION
IPv4 Addresses	Enter IPv4 address.
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 Addresses	Enter IPv6 address.

Options

FIELD	DESCRIPTION
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.

Add PPPoE New Record

This is the section where the service provider's settings are defined if the Internet connection is provided by a service provider.

Ethernet States	
Status	<input checked="" type="checkbox"/> Active
Security Zone	Select... ▼
Interface	WAN2 ▼
Ethernet Name	ixl2 ▼
Speed	autoselect ▼
MTU	1500
Description	<input type="text"/>

User Informations	
Username	<input type="text" value="epati@ttnet"/>
Password	<input type="text" value="123456"/>

Options	
<input type="checkbox"/>	Fail Over

Ethernet Statuses

FIELD	DESCRIPTION
Status	Choose either active or passive as status.
Security Zone	Select the security zone to be assigned to the interface.
Interface	Choose which interface is to be used.
Ethernet Name	Choose which physical interface is to be used.
MTU	Enter MTU value.

User's Information

FIELD	DESCRIPTION
Username	Enter username provided by the subscribed service provider.
Password	Enter password related to the username.

Options

FIELD	DESCRIPTION
Fail Over	Select whether to use as a backup line.

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