

epati

Ethernet Assignment

Product: Antikor v2 - Layer2 Tunnel

Guides

Ethernet Assignment

It is the part where the Ethernet settings in AntiKor are performed. The Local Area Network (LAN), Internet Access (WAN), Server Area (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
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#	Status	Interface	Ethernet Name	MTU	IPv4 Address	IPv6 Address	Global NAT	Transactions
1	Active	WAN1	bge1 - Physical	1500	10.2.1.45/24			Edit Delete
2	Active	LAN1	bge0 - Physical	1500	192.168.2.1/24		10.2.1.45	Edit Delete
3	Active	DMZ1	bge1.500 - Virtual	1500	10.100.100.1/24			Edit Delete

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Add WAN New Record

Ethernet States

Status Active

Interface

Ethernet Name

Speed

MTU

Web Arayüzü Erişimi Active

Description

IP Settings

Obtain IPv4 Automatically

IPv4 Address

IPv4 Gateway

Obtain IPv6 Automatically

EUI64 Passive

IPv6 Address

IPv6 Gateway

Options

Fail Over

Ethernet States

FIELD	DESCRIPTION
Status	Choose either active or passive as status.
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.

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 al	Choose whether or not IPv6 address is automatically obtained.
IPv6 Address	If Automatically Obtain an IPv6 option is not choosed, IPv6 address is entered.

Options

FIELD	DESCRIPTION
Back-up Line	Choose whether or not it is used as a back-up line.

Add LAN New Record

More than one region can be defined for the LAN. When the Antikor is first installed, the default IP is 192.168.2.254. The first job is to translate this IP into the IP group being used.

Ethernet States

Status Active

Interface

Ethernet Name

Speed

MTU

Web Arayüzü Erişimi Active

Description

IPv6 Settings

Obtain IPv6 Automatically

EUI64 Passive

IPv6 Address

DHCPv6 Start

DHCPv6 End

DHCPv6 Relay Address

IPv4 Settings

Obtain IPv4 Automatically

IPv4 Address

DHCPv4 Pool Mode

DHCPv4 Start

DHCPv4 End

DHCPv4 Gateway

DHCPv4 Relay Address

Global NAT

Global NAT Log Traffic Closed

Options

MAC-IP Pairing NAT

Registration Make announcement

DHCPv6 Server DHCPv4 Server

DHCPv6 Relay DHCPv4 Relay

Managed Flag Other Flag

For example, in the local network, a group with 10.0.0.1 is defined, the uplink from the switch is connected to this Ethernet, and then the NAT and DHCP are activated, and the wireless network is established from the Access Point. For this, another group of the second ethernet with an IP address 192.168.1.1 can be defined and these 2 groups can be separated from each other. Users on the wireless network and users on the switch can benefit from full service of AntiKor and can not see each other.

This way it can serve 2 networks and separate them from one another. This will allow to add 4 LANs to Antikor.

Ethernet States

FIELD	DESCRIPTION
Status	Choose either active or passive as status.
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.

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	Choose whether or not DHCPv4 is to be used.
DHCPv6	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.

Add DMZ New Record

Ethernet Atama - DMZ - Yeni Kayıt

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Ethernet Durumları

Durum Aktif

Arayüz

Ethernet Adı

Hız

MTU

Ip Ayarları

IPv4 Adresi

IPv6 Adresi

Seçenekler

DHCPv4 Sunucusu

DHCPv6 Sunucusu

Ethernet States

FIELD	DESCRIPTION
Status	Choose either active or passive as status.
Interface	Choose an interface (e.g. DMZ1, DM, etc.) to be used.
Ethernet Name	Choose which physical interface is to be used.
MTU	Enter MTU value.

IP Settings

FIELD	DESCRIPTION
IPv4 Address	Enter IPv4 address.
IPv6 Address	Enter IPv6 address.

Options

FIELD	DESCRIPTION
DHCPv4	Choose whether or not DHCPv4 is to be used or not.
DHCPv6	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 Active

Interface

Ethernet Name

Speed

MTU

Description

User Informations

Username

Password

Options

Fail Over

[Cancel](#)[Save](#)

Ethernet States

FIELD	DESCRIPTION
Status	Choose either active or passive as status.
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
Back-up Line	Choose whether or not it is to be used as a back-up line.

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