epati

Virtual Ethernet - PPP

Product: Antikor v2 - Next Generation Firewall
Guides

Virtual Ethernet - PPP
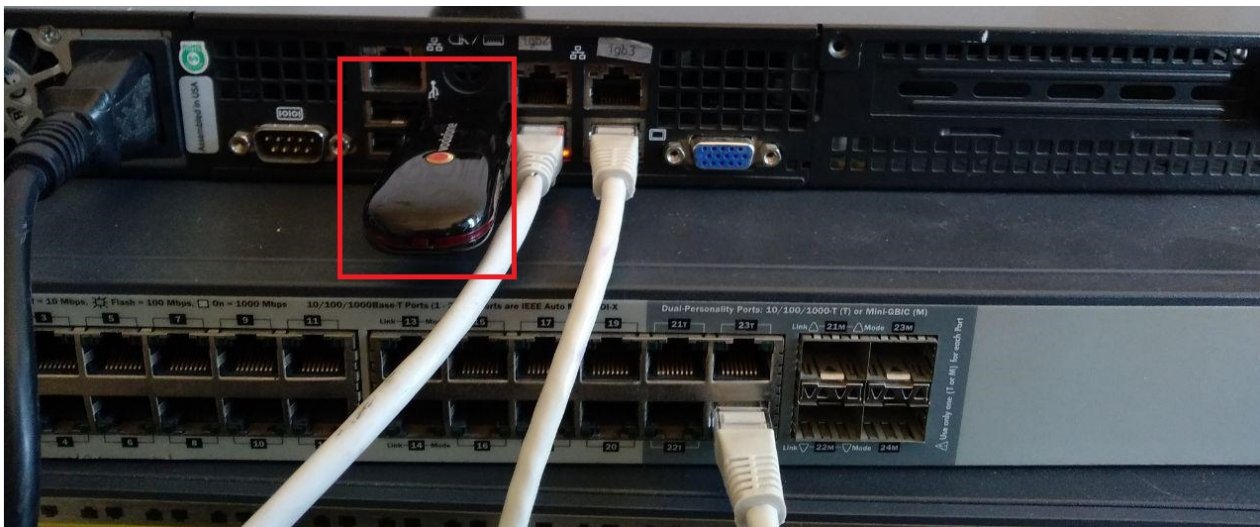
[⟲ Reload] [+ Add]

#	Name	Status	Modem Interface	Description	Username	Dial Number	Access Point Name (APN)	Transactions

« ‹ 1 › »

- 3G and 4G modems can be connected to AntiKor via USB.

- Virtual Ethernet - PPP when configuring, the connected modem/modems are seen by the AntiKor and listed in the **Modem Interface**.

Virtual Ethernet - PPP - New Record   ✕

Status	Active
Name	To be determined internally...
Modem Interface	/dev/cuaU0.0 - HUAWEI Technology HUAWEI Mobile, class 0/0, rev 2.00/0.00, addr ▾
Description	

Internet Service Provider		
Country	Turkey ▾
Provider	Choose provider... ▾
Plan	Choose plan... ▾

Username	
Password	
Dial Number	
Access Point Name (APN)	
SIM Card PIN	
Time To Wait For Network Discovery	
Dial On Demand	Passive
Idle Timeout	

⊘ Cancel   💾 Save

- **Internet service provider** if the information is entered correctly; *username, password, dial number* and *Access Point name (APN)* are automatically included.

Virtual Ethernet - PPP - New Record   ✕

Status	Active
Name	To be determined internally...
Modem Interface	/dev/cuaU0.0 - HUAWEI Technology HUAWEI Mobile, class 0/0, rev 2.00/0.00, addr ⌄
Description	

Internet Service Provider

	Country	Turkey ⌄
	Provider	Vodafone ⌄
	Plan	Vodafone Internet ⌄
Username	vodafone
Password	········
Dial Number	*99#
Access Point Name (APN)	internet
SIM Card PIN	
Time To Wait For Network Discovery	
Dial On Demand	Passive
Idle Timeout	

⊘ Cancel   💾 Save

- **Description** is entered for the virtual Ethernet - PPP generated. (Mandatory Area)

Virtual Ethernet - PPP - New Record   ✕

Status	Active
Name	To be determined internally...
Modem Interface	/dev/cuaU0.0 - HUAWEI Technology HUAWEI Mobile, class 0/0, rev 2.00/0.00, addr ▾
Description	3g_modem

Internet Service Provider

Country	Turkey ▾
Provider	Vodafone ▾
Plan	Vodafone Internet ▾

Username	vodafone
Password	....
Dial Number	*99#
Access Point Name (APN)	internet
SIM Card PIN	
Time To Wait For Network Discovery	
Dial On Demand	Passive
Idle Timeout	

⊘ Cancel   💾 Save

- If you have a 3G/4G modem **SIM card PIN** is entered, otherwise it may be left blank.

Virtual Ethernet - PPP - New Record   ×

Status `Active`

Name To be determined internally...

Modem Interface /dev/cuaU0.0 - HUAWEI Technology HUAWEI Mobile, class 0/0, rev 2.00/0.00, addr ⌄

Description 3g_modem

Internet Service Provider

    Country Turkey ⌄

    Provider Vodafone ⌄

    Plan Vodafone Internet ⌄

Username vodafone

Password ....

Dial Number *99#

Access Point Name (APN) internet

SIM Card PIN ....

Time To Wait For Network Discovery

Dial On Demand `Passive`

Idle Timeout

⊘ Cancel   💾 Save

- **Time To Wait For Network Discovery**, depending on the server configuration options, the user can set a wait time or leave this field blank. If left empty, the waiting period is set to "0".

Virtual Ethernet - PPP - New Record   ✕

Status	Active
Name	To be determined internally...
Modem Interface	/dev/cuaU0.0 - HUAWEI Technology HUAWEI Mobile, class 0/0, rev 2.00/0.00, addr ▾
Description	3g_modem

Internet Service Provider

Country	Turkey ▾
Provider	Vodafone ▾
Plan	Vodafone Internet ▾

Username	vodafone
Password	....
Dial Number	*99#
Access Point Name (APN)	internet
SIM Card PIN	....
Time To Wait For Network Discovery	
Dial On Demand	Passive
Idle Timeout	

⊘ Cancel   🖫 Save

- **Dial On Demand** comes passively in the default.**Idle Time-Out** must be entered from the user if activated. If not entered, it is set to "0". This area is designed to eliminate unnecessary internet usage if users are not using a modem. If it exceeds the idle timeout, the connection to the modem will not be used **during the idle time**.

Virtual Ethernet - PPP - New Record   ✕

Status	Active
Name	To be determined internally...
Modem Interface	/dev/cuaU0.0 - HUAWEI Technology HUAWEI Mobile, class 0/0, rev 2.00/0.00, addr ▾
Description	3g_modem

Internet Service Provider

Country	Turkey ▾
Provider	Vodafone ▾
Plan	Vodafone Internet ▾

Username	vodafone
Password	....
Dial Number	*99#
Access Point Name (APN)	internet
SIM Card PIN	....
Time To Wait For Network Discovery	
Dial On Demand	Active
Idle Timeout	

⊘ Cancel   💾 Save

- Operations are completed by pressing the **Save button**.

Virtual Ethernet - PPP

⟳ Reload   ➕ Add

#	Name	Status	Modem Interface	Description	Username	Dial Number	Access Point Name (APN)	Transactions
1	ppp1	Active	/dev/cuaU0.0	3g_modem	vodafone	*99#	internet	✏ Edit 🗑 Delete

« ‹ 1 › »

- Finally **definitions should be applied**, should not be forgotten.

Virtual Ethernet - PPP   Apply Changes ①
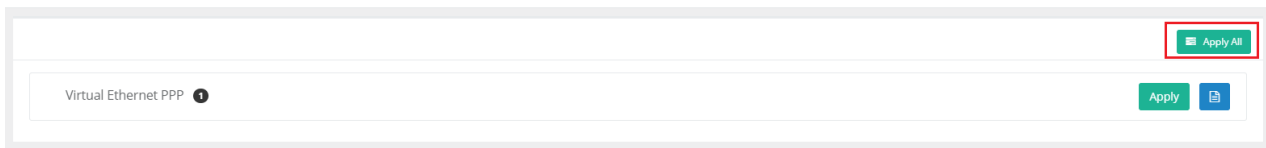
Virtual Ethernet - PPP

⟳ Reload   ➕ Add

Apply All

Virtual Ethernet PPP 1

Apply

- Click on **Ethernet assignment** menu.

- Select the ethernet interface to use.

- Ethernet name; automatically generated value in**Virtual Ethernet - PPP** must be selected. (For this example, PPP1)

- If you want to access the web interface by WAN,**Web Interface Access** is enabled.

- Description is written.

- In the IP settings, **Obtain IPv4 Automatically** and **Obtain IPv6 Automatically** must be checked.

Ethernet Assignment - WAN - New Record

Ethernet States

Status	Active
Security Zone	WAN Zone
Interface	WAN2
Ethernet Name	ppp1
Speed	autoselect
MTU	1500
Web Interface Access	Active
Cluster Membership	Passive
Cluster Ethernet Name	
Description	

IP Settings

Obtain IPv4 Automatically		
IPv4 Address	IPv4	10.10.10.10/24
IPv4 Gateway	IPv4	10.10.10.1
Obtain IPv6 Automatically		
EUI64	Passive	
IPv6 Address	IPv6	ffff::10/8
IPv6 Gateway	IPv6	ffff::1

⊘ Cancel 💾 Save

- After the Ethernet assignment settings are made, the definitions must be applied.