

# epati

## Virtual Ethernet - PPP

Product: Antikor v2 - Next Generation Firewall  
Guides

# Virtual Ethernet - PPP

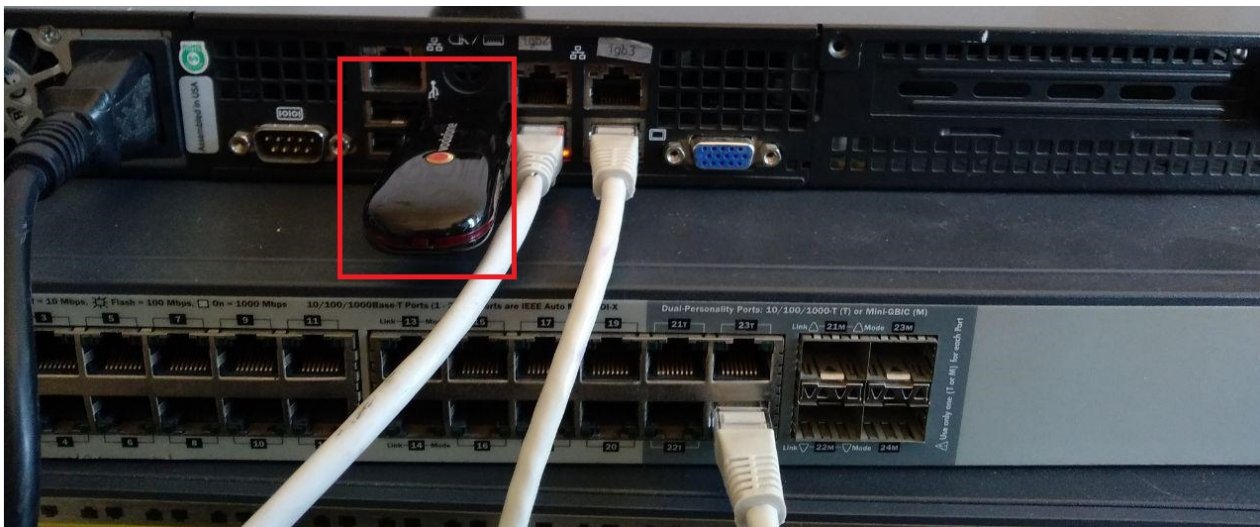
Virtual Ethernet - PPP

Reload Add

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

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- 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**.

|                                    |  |         |                                     |          |   |      |   |
|------------------------------------|--|---------|-------------------------------------|----------|---|------|---|
| Status                             | <input checked="" type="checkbox"/> Active   |         |                                     |          |   |      |   |
| Name                               | To be determined internally...   |         |                                     |          |   |      |   |
| Modem Interface                    | <input type="text" value="/dev/cuaU0.0 - HUAWEI Technology HUAWEI Mobile, class 0/0, rev 2.00/0.00, addr"/>  |         |                                     |          |   |      |   |
| Description                        | <input type="text"/>   |         |                                     |          |   |      |   |
| Internet Service Provider          | <table><tr><td>Country</td><td><input type="text" value="Turkey"/></td></tr><tr><td>Provider</td><td><input type="text" value="Choose provider..."/></td></tr><tr><td>Plan</td><td><input type="text" value="Choose plan..."/></td></tr></table> | Country | <input type="text" value="Turkey"/> | Provider | <input type="text" value="Choose provider..."/> | Plan | <input type="text" value="Choose plan..."/> |
| Country                            | <input type="text" value="Turkey"/>  |         |                                     |          |   |      |   |
| Provider                           | <input type="text" value="Choose provider..."/>  |         |                                     |          |   |      |   |
| Plan                               | <input type="text" value="Choose plan..."/>  |         |                                     |          |   |      |   |
| Username                           | <input type="text"/>   |         |                                     |          |   |      |   |
| Password                           | <input type="text"/>   |         |                                     |          |   |      |   |
| Dial Number                        | <input type="text"/>   |         |                                     |          |   |      |   |
| Access Point Name (APN)            | <input type="text"/>   |         |                                     |          |   |      |   |
| SIM Card PIN                       | <input type="text"/>   |         |                                     |          |   |      |   |
| Time To Wait For Network Discovery | <input type="text"/>   |         |                                     |          |   |      |   |
| Dial On Demand                     | <input checked="" type="checkbox"/> Passive  |         |                                     |          |   |      |   |
| Idle Timeout                       | <input type="text"/>   |         |                                     |          |   |      |   |

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

**Status**  Active

**Name**

**Modem Interface**

**Description**

**Internet Service Provider**

**Country**

**Provider**

**Plan**

**Username**

**Password**

**Dial Number**

**Access Point Name (APN)**

**SIM Card PIN**

**Time To Wait For Network Discovery**

**Dial On Demand**  Passive

**Idle Timeout**

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

|                                    |  |
|------------------------------------|--|
| Status                             | <input checked="" type="checkbox"/> 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 <input type="text" value="Turkey"/> ▾                                      |
|                                    | Provider <input type="text" value="Vodafone"/> ▾                                   |
|                                    | Plan <input type="text" value="Vodafone Internet"/> ▾                              |
| Username                           | <input type="text" value="vodafone"/>  |
| Password                           | <input type="password" value="....."/>   |
| Dial Number                        | <input type="text" value="*99#"/>  |
| Access Point Name (APN)            | <input type="text" value="internet"/>  |
| SIM Card PIN                       | <input type="text"/>   |
| Time To Wait For Network Discovery | <input type="text"/>   |
| Dial On Demand                     | <input checked="" type="checkbox"/> Passive  |
| Idle Timeout                       | <input type="text"/>   |

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

|                                    |  |
|------------------------------------|--|
| Status                             | <input checked="" type="checkbox"/> 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                     | <input checked="" type="checkbox"/> 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".

|                                    |  |
|------------------------------------|--|
| Status                             | <input checked="" type="checkbox"/> 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 ▾<br>Provider: Vodafone ▾<br>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                     | <input checked="" type="checkbox"/> 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**.

**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**

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

Virtual Ethernet - PPP

| # | Name | Status | Modem Interface | Description | Username | Dial Number | Access Point Name (APN) | Transactions  |
|---|------|--------|-----------------|-------------|----------|-------------|-------------------------|---|
| 1 | ppp1 | Active | /dev/cuaU0.0    | 3g_modem    | vodafone | *99#        | internet                | <input type="button" value="Edit"/> <input type="button" value="Delete"/> |

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

Virtual Ethernet - PPP

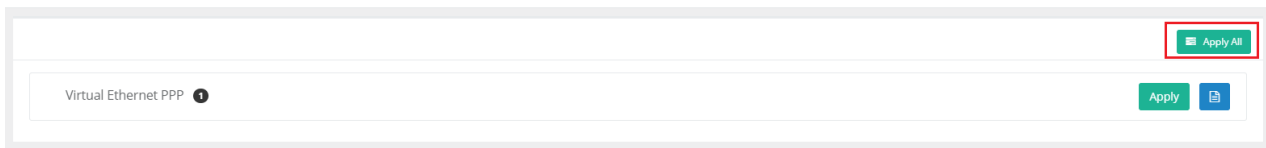
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Virtual Ethernet - PPP



Process list to be applied

Apply Changes 1



The screenshot shows a configuration window for a network interface. At the top right, there is a green button labeled 'Apply Changes' with a small white circle containing the number '1'. Below this, there is a search or filter bar. In the main area, there is a list item 'Virtual Ethernet PPP' with a small black circle containing the number '1' next to it. To the right of this list item, there is a green button labeled 'Apply' and a blue button with a document icon. A red rectangular box highlights the 'Apply All' button, which is located above the 'Apply' and document buttons.

- 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 States

|                       |   |
|-----------------------|---|
| Status                | <input checked="" type="checkbox"/> Active                                  |
| Security Zone         | WAN Zone  |
| Interface             | WAN2  |
| Ethernet Name         | ppp1  |
| Speed                 | autoselect  |
| MTU                   | 1500  |
| Web Interface Access  | <input checked="" type="checkbox"/> Active                                  |
| Cluster Membership    | <input type="checkbox"/> Active <input checked="" type="checkbox"/> Passive |
| Cluster Ethernet Name |   |
| 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                                |

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

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