

# Scenario 2 - IPBrick.KAV

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## 1 Introduction

This document describes the procedure to configure IPBrick.KAV

All required licenses are already installed:

- Kaspersky Anti-Virus for Linux Mail Server
- Kaspersky Anti-Spam
- Kaspersky Anti-Virus for Proxy Server

## 2 IPBrick Configuration

The first step is to configure the IPBrick.KAV with the enterprise DNS domain name and network settings.

### 2.1 Connecting to IPBrick

Connect to IPBrick interface LAN E0 with a cross-over cable.

In the Windows Workstation `post100.ipbrick.fr` do the procedure:

1. Press the [**windows**] key
2. Choose **My Network Places**
3. Choose **Show network connections**
4. Right-click on the **Local network connection** icon and select **Properties**
5. In the next dialog window, select **Internet Protocol (TCP/IP)** and click on **Properties**
6. In the next dialog window, select **Get automatic IP configuration** and **Get DNS servers address automatically**
7. Close the **TCP/IP Properties** and the **Network Properties** windows to save the configuration changes.

You can now access to IPBrick interface web:

`https://192.168.69.199`

The login/password to access IPBrick are:

Name: admin

Password: 123456

## 2.2 IPBrick Settings

Go to menu

**Advanced Settings – > IPBrick – > Definitions**

and modify settings to:

- Name: **kav**
- Domain: **ipbrick.fr**
- ETH0 :

```
Interface:  ETH0  Ethernet
Type:       Private Interface
Mode:       Static
IP:         192.168.1.250 / 24
Network:    192.168.1.0
Broadcast:  192.168.1.255
Mac Address:
```

- ETH1 :

```
Interface:  ETH0  Ethernet
Type:       Private Interface
Mode:       Static
IP:         195.23.69.42 / 29
Network:    195.23.69.40
Broadcast:  195.23.69.47
Mac Address:
```

- Default gateway: **195.23.69.41**

### 2.2.1 DNS configuration

Go to menu

**Advanced Settings – > Support services – > DNS – > Name Resolution**

and modify the IP **127.0.0.1** to the IP of internal DNS server (Intranet IPBrick)

- IP: **192.168.1.1**

## 2.3 Apply Settings

Go to menu **Update Settings** and do an **Update Settings**. The IPBrick will reboot and start with new settings of the enterprise.

To connect to IPBrick again with the enterprise settings do the procedure:

- Remove the cross-over cable that connect posto100 to IPBrick and connect the IPBrick with a free cable that is connect to the Switch.
- In the Windows Workstation **posto100.ipbrick.fr**:
  1. Press the [**windows**] key
  2. Choose **My Network Places**
  3. Choose **Show network connections**
  4. Right-click on the **Local network connection** icon and select **Properties**
  5. In the next dialog window, select **Internet Protocol (TCP/IP)** and click on **Properties**
  6. In the next dialog window, select **Get automatic IP configuration** and **Get DNS servers address automatically**
  7. Close the **TCP/IP Properties** and the **Network Properties** windows to save the configuration changes.

- Access to IPBrick interface web:

<https://192.168.1.250>

### 3 Mail Relay

To Configure the mail relay to send all incoming mail from Internet to the Intranet Server Go to menu:

**IPBrick.C – > E-Mail – > Configure**

delete the domain that you want do relay

- Machine local domain: **ipbrick.fr**

and add a SMTP route for the domain relay with the correct mail server IP in field **SMTP Routes**

- Domain: **ipbrick.fr**
- SMTP Route: **192.168.1.1**

### 4 Internet Access Configuration

IPBrick.KAV provides secure Internet Access free of virus and gives you full control of who can access to internet.

Disable the direct access to internet without using proxy:  
Go to menu:

**Advanced Settings – > Network – > Firewall – > Advanced settings**

and disable the masquerade.

- Masquerade **disable**

Go to menu:

**IPBrick.C – > Proxy**

and modify the proxy type:

- Type: **Transparent Proxy**

## 5 Kaspersky Configuration

### 5.1 Kaspersky Anti-Virus

Go to menu:

**IPBrick.C – > E-Mail – > Kaspersky Anti-Virus**

select **Configure** and modify the Kaspersky email notification to

- Notify to address: **kaspersky@ipbrick.fr**

### 5.2 Kaspersky Anti-Spam

Go to menu:

**IPBrick.C – > E-Mail – > Kaspersky Anti-Spam**

select **Configure**. The asked login/password are the same of IPBrick.

Select **Settings – > Control Center** and modify the Kaspersky email notification to

- Send alerts to: **kaspersky@ipbrick.fr**
- Press **Apply** button to save changes.

### 5.3 Kaspersky Proxy

Go to menu:

**IPBrick.C – > Proxy – > Kaspersky Proxy**

select **Configure** and modify the Kaspersky email notification to

- Notify to address: **kaspersky@ipbrick.fr**

## 6 Tests

You can test your new configuration by sending an email from **posto200.iportalmais.pt** that is connected on internet zone to **eduardo@ipbrick.fr**

- In the Windows Workstation **posto200.iportalmais.pt** open Thunderbird and write an email to **eduardo@ipbrick.fr**
- Please check if the email was received on email account **eduardo@ipbrick.fr** in **posto100.ipbrick.fr**.
- You can now see some statistics of Kaspersky Anti-virus and Anti-spam in IPBrick web interface.