

# SecPoint® Protector

## High Availability Manual

**P600 – P1000 – P1500 – P2000**



## High Availability

The High Availability mode ensure you to have your network always protected and always available. For making that possible the Protectors are coupled together to ensure the availability of the network if a unit fail for any reason.

*There is no need for any extra cables for the use of the High Availability mode on the Protector.*

Be careful to not plug the both side of the Protectors if you have not activated the High Availability mode, you could create a network loop.

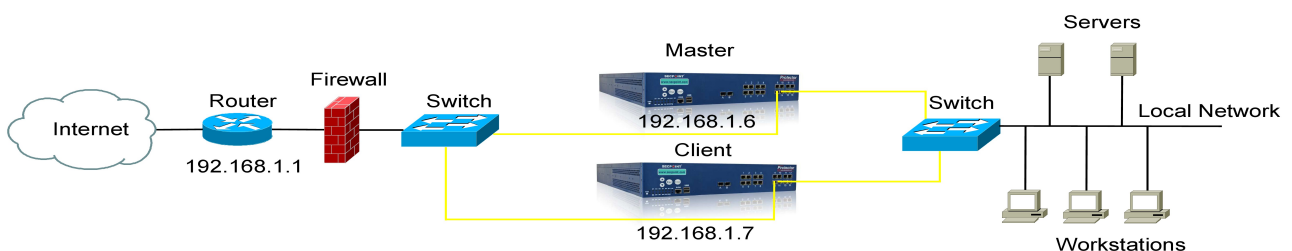
To use the High Availability mode on the Protector please go to:  
Advanced menu > System > High Availability

The procedure to enable HA mode is :

- Plug the Protectors on the network with only one cable on the Internet port
- Activate High Availability on all units.
- Plug the Local network cables in the Protectors.
- On each Client Protector in the Client menu you have to add the Master IP address.
- On the Master Protector in the Master menu you have to add the Client(s) IP address(es).

Here is an example how to configure the High Availability mode.

We assume the network bellow :



Master : 192.168.1.6

Client : 192.168.1.7

## 1. High Availability Activation

### a) Master Activation

Please login to the Master Protector, in our case 192.168.1.6 and go to :  
Advanced Menu > System > High Availability > Setup

There change the box to Yes and click Ok then the Protector will freeze the interface for a short period of time during the activation of the High Availability mode.

The screenshot shows the SecPoint Protector web interface in Mozilla Firefox. The browser address bar shows the URL: `https://192.168.1.6/spprotector/admin/high_availability.php`. The page title is "SecPoint® Protector".

The main content area is titled "High Availability" and contains the following text:

Please Enable/Disable if you want to use high availability mode.

Use high availability mode:

A white dialog box with the text "Please wait..." is overlaid on the page.

The sidebar on the right contains the following information:

Blocked	24 Hour	Total
Spam:	0	0
Virus:	0	0
Spyware:	0	0
Intrusion Prevention:	0	0
Web Filter:	0	0

Below the table is the "Protector Information" section:

- System Status: **Perfect**
- Firmware Version: [unreadable]
- SecPoint® System: [unreadable]
- Database Update: [unreadable]
- Firmware Update: [unreadable]
- Protector Uptime: [unreadable]

Below that is the "License Information" section:

- Protector Model: [unreadable]
- Protector License: [unreadable]
- Protector Serial: [unreadable]
- Database Expire: [unreadable]
- Support Expire: [unreadable]

The footer of the browser window shows "Done" on the left and "192.168.1.6" on the right.

## b) Client Activation

Please login to the Client Protector, in our case 192.168.1.7, and activate the High Availability mode as showed for the Master Protector.

## 2.Client Configuration

Please login to the Client Protector, in our case 192.168.1.7, and go to :  
Advanced Menu > System > High Availability > Client  
Click the link to add a new Master.

There you have to enter the IP address of the Master Protector.

The screenshot shows the 'New Permission' configuration page in the SecPoint Protector web interface. The browser window title is 'SecPoint® Protector - Mozilla Firefox'. The address bar contains the URL: `https://192.168.1.7/spprotector/admin/dis_host.php?query=add_permission`. The page header includes the SecPoint Protector logo and navigation links: 'Main Menu | Advanced Menu | Logout'. The main navigation bar contains: 'Home | Setup | System | Backup | Update | E-Mail Configuration | User Administration | Tools | Reset | Shutdown | Quick Setup Wizard | Support'. The 'New Permission' section includes the following text: 'Below you can specify an IP address or CIDR on the Protector(s) which have permission to use this Protector remote.' The form contains two input fields: 'IP Address' with the value '192.168.1.6' and 'Description' with the value 'master\_protector'. A 'Done' button is located below the form. On the right side of the page, there is a 'Blocked' table, 'Protector Information' section, and 'License Information' section.

Blocked	24 Hour	Total
Spam:	0	0
Virus:	0	0
Spyware:	0	0
Intrusion Prevention:	0	3
Web Filter:	0	0

**Protector Information**

System Status: **Perfect**

Firmware Version: [blurred]

SecPoint® System: [blurred]

Database Update: [blurred]

Firmware Update: [blurred]

Protector Uptime: [blurred]

**License Information**

Protector Model: [blurred]

Protector License: [blurred]

Protector Serial: [blurred]

Database Expire: [blurred]

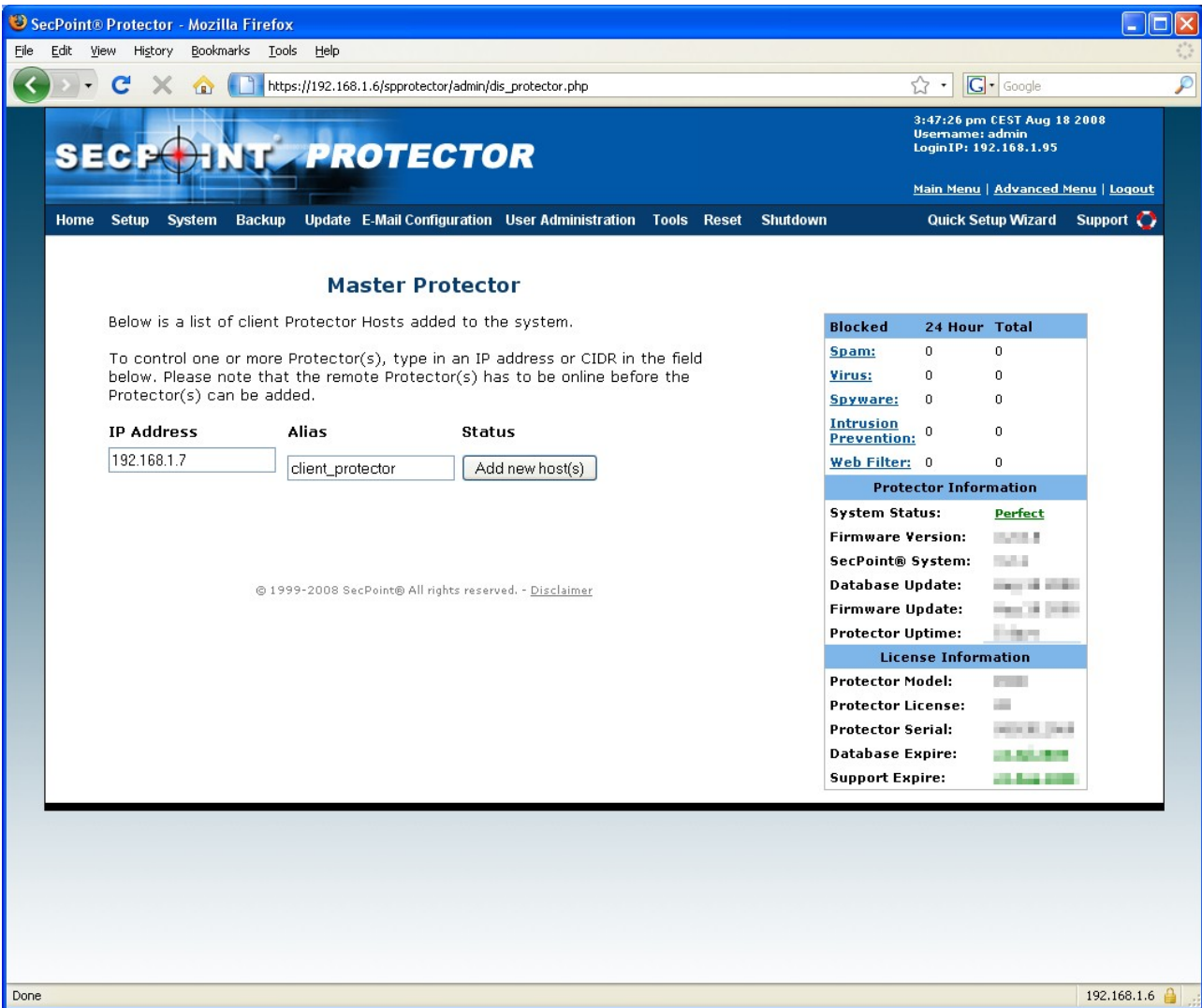
Support Expire: [blurred]

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### 3. Master Configuration

Please login to the Client Protector, in our case 192.168.1.6, and go to :  
Advanced Menu > System > High Availability > Master

There you have to enter the IP address of the client Protector.



### 4. Force Synchronisation

You can force a Synchronisation of the units by going to :  
Advanced Menu > System > High Availability > Setup

There you can click on Synchronise Protector Hosts, it will take some time

depending on the units, the load, the amount of data to synchronise.  
Please note that can only force a Synchronisation on the Master Protector and if the High Availability has been configured on both units.