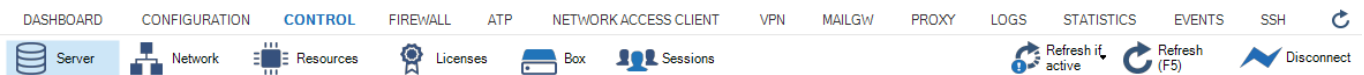


## Server Page

<https://campus.barracuda.com/doc/73719528/>

The **Server** page lets you monitor and control virtual servers and services that are present on the Barracuda CloudGen Firewall. To access the **Server** page, open the **CONTROL** tab and click the **Server** icon in the ribbon bar.



## Server Page

The Server page consists of three sections:

- Server Status
- Service Status
- Security Subscription

### Server Status

Server	Status	Status HA Partner	IP Addresses
✔ VIRT1	primary	standby	10.0.10.0
✔ Status	primary		
✔ HA	standby		

Block Server Start Server Stop Server Restart Server

### Service Status

Server / Service	Num Proc	Num FD	Mem KB	Module
✔ VIRT1				
✔ HQDNS	2	61	100976	DNS-Serv
✔ HQDYN	3	23	37896	OSPF-RIF
✔ HQFW1	1	3	109892	Firewall
✔ HQMAIL	3	21	45728	Mail-Gate
✔ HQPRXY	1	18	11460	HTTP-Pro
✔ HQRLY	1	4	13000	DHCP-Re
✔ HQURL	2	13	156604	URL-Filter





Block Service Start Service Stop Service Restart Service

### Security Subscription

- ✔ **Application Control**
  - Status: Licensed (Energize Update)
  - DB Version: 210.31.17
  - Expires: Sonntag, 19. Mai 2019
  - [Version History](#)
- ✔ **Advanced Threat Detection**
  - Status: Licensed
  - Last Update: Dienstag, 29. November 2016
  - Botnet and Spyware: Database Version 2
  - Expires: Sonntag, 19. Mai 2019
- ✘ **IPS - Intrusion Prevention System**
  - Status: Licensed (Energize Update) : disabled
  - Last Update: Dienstag, 29. November 2016
  - DB Version: 5.266
  - Latest DB Version: 5.266
  - DB Publish Date: Montag, 21. November 2016
  - Expires: Sonntag, 19. Mai 2019
  - [Update by CC](#) [Version History](#) [Database Browser](#) [Settings](#)
- ✔ **Barracuda Webfilter**

## Server and Service Status

The operating state of the servers and services is indicated by the following icons:

Symbol	Meaning
	Server/service is up and running
	Server/Service is blocked
	Server/Service is stopped
	Server/Service is blocked, stopped, or disabled because its server has been blocked, stopped, or disabled

## Controlling Servers and Services





Servers and services are processes that run on the system level and are monitored by the system. In order to provide high reliability, special background processes follow the operation of servers and services and automatically restart them in case they are accidentally terminated. In addition, servers and services can also be controlled manually, e.g., for maintenance purposes.

To control a server or a service manually, you have the following options:

- **Block Server/Service** – Stop the virtual server or service and prevent it from being automatically restarted.
- **Start Server/Service** – Start the virtual server or service.
- **Stop Server/Service** – Stop the virtual server or service. The control daemon automatically restarts the virtual server or service after a short period of time.
- **Restart Server/Service** – Restart the virtual server or service.

## Server Status

The **Server Status** table displays the status of all available servers.

Server Status			
Server	Status	Status HA Partner	IP Addresses
 VIRT1	primary	standby	10.0.10.3,10.0.10.84,10.20.0.3,172.1...
 Status	primary		
 HA	standby		
 IP			

Block Server Start Server Stop Server Restart Server

The following columns provide information on the virtual servers that have been introduced on your firewall:

- **Server** – Lists all servers and their status, HA partner (optional), and IP in a hierarchical tree. Each defined server IP is listed below the IP node. Icons indicate the current status of each server.
- **Status / Status HA Partner** – The **Status** column displays the status of the server. If the system is part of an HA cluster, the **Status HA Partner** column displays the status of its HA partner. The columns can display any of the following statuses:
  - **primary** – Server is up and running, either as a single system or as the primary unit in an HA setup.
  - **secondary** – Server is up and running on the backup unit of an HA setup.
  - **standby** – Server is in standby and is waiting to take over if the HA partner goes down.
  - **down** – Server is not running, but is able to start automatically when triggered.
  - **block** – Server is blocked and unable to start automatically, even if the HA partner goes down.
 

A blocked server must always be started manually.
  - **disabled** – Server is disabled due to virtual server monitoring configurations.
- **IP Addresses** – Lists the IP addresses that the server listens on.

## Service Status

The **Service Status** table displays the status of available services.

Service Status						
Server / Service	Num Proc	Num FD	Mem KB	Module	Info	
box						
VIRT1						
HQDNS	2	61	100976	DNS-Service		
HQDYN	3	23	37752	OSPF-RIP-BGP-Service		

Block Service Start Service Stop Service Restart Service

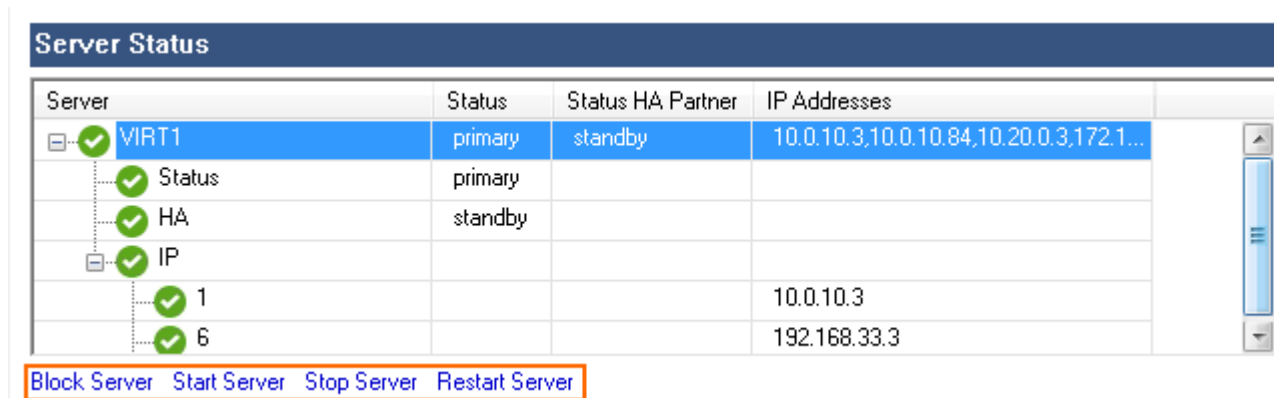
The following columns provide information on the services introduced on your firewall:

When evaluating a service status, always evaluate the current server status.

- **Server / Service** – Lists servers and their services in a hierarchical structure. Icons indicate the current status of each service.
- **Num Proc** – Displays the number of processes for each service.
- **Num FD** – Displays the number of file descriptors used by the service processes.
- **Mem KB** – Displays the total memory (exclusive and shared) used by the service processes.
- **Module** – Displays the service name and icon.

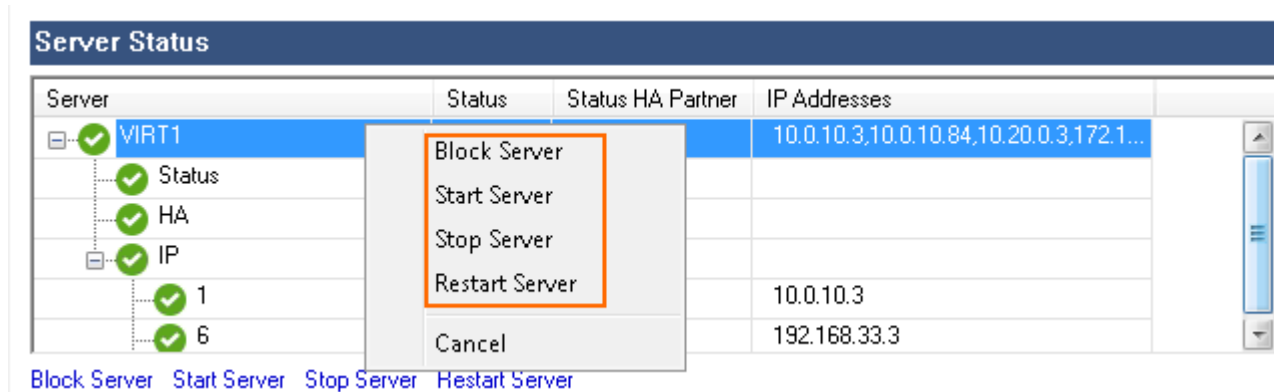
## Blocking/Starting/Stopping/Restarting a Server or Service

To control a server or service, select the server or service, optionally right-click on the selected server or service and left-click on **Block/Start/Stop/Restart**.



The screenshot shows the 'Server Status' window with a table of servers. The 'VIRT1' server is selected. Below the table, a row of action buttons is highlighted with an orange box: 'Block Server', 'Start Server', 'Stop Server', and 'Restart Server'.

Server	Status	Status HA Partner	IP Addresses
<ul style="list-style-type: none"> <li>✓ VIRT1</li> <li> <ul style="list-style-type: none"> <li>✓ Status</li> <li>✓ HA</li> <li> <ul style="list-style-type: none"> <li>✓ IP</li> <li> <ul style="list-style-type: none"> <li>✓ 1</li> <li>✓ 6</li> </ul> </li> </ul> </li> </ul> </li> </ul>	primary	standby	10.0.10.3,10.0.10.84,10.20.0.3,172.1...
	primary		
	standby		
			10.0.10.3
			192.168.33.3



The screenshot shows the 'Server Status' window with a context menu open over the 'VIRT1' server. The menu options are 'Block Server', 'Start Server', 'Stop Server', 'Restart Server', and 'Cancel'. The first four options are highlighted with an orange box.

Server	Status	Status HA Partner	IP Addresses
<ul style="list-style-type: none"> <li>✓ VIRT1</li> <li> <ul style="list-style-type: none"> <li>✓ Status</li> <li>✓ HA</li> <li> <ul style="list-style-type: none"> <li>✓ IP</li> <li> <ul style="list-style-type: none"> <li>✓ 1</li> <li>✓ 6</li> </ul> </li> </ul> </li> </ul> </li> </ul>	primary	standby	10.0.10.3,10.0.10.84,10.20.0.3,172.1...
	primary		
	standby		
			10.0.10.3
			192.168.33.3

## Security Subscriptions

The **Security Subscriptions** section displays the security features and provides subscription details.

## Security Subscription



### Application Control

Status: Licensed (Energize Update)  
 DB Version: 207.31.17  
 Expires: Freitag, 14. Februar 2020

[Version History](#)



### Advanced Threat Detection

Status: Licensed  
 Last Update: Mittwoch, 15. März 2017  
 Botnet and Spyware: Database Version 1072  
 Expires: Freitag, 14. Februar 2020



### IPS - Intrusion Prevention System

Status: Licensed (Energize Update) : disabled  
 Last Update: Mittwoch, 15. März 2017  
 DB Version: 5.876  
 Latest DB Version: 5.876  
 DB Publish Date: Dienstag, 14. März 2017  
 Last Check for Updates: Dienstag, 21. Februar 2017  
 Status of last Download: Success : software up to date, version: IPS : 5.746  
 Expires: Freitag, 14. Februar 2020

[Update by CC](#) [Version History](#) [Database Browser](#) [Settings](#)



### Barracuda NG Webfilter

Status: Licensed  
 Last Update: Montag, 06. Februar 2017  
 DB Version: remote  
 Expires: Freitag, 14. Februar 2020

[Settings](#)



### Barracuda NG Malware Protection

Status: Licensed  
 Last Update: Mittwoch, 01. März 2017  
 Product Version: 3.5.1.65  
 Engine Version: 8.3.42.194  
 Pattern Version: 7.12.157.176  
 Expires: Freitag, 14. Februar 2020

Status (ClamAV): Licensed  
 Last Update: Freitag, 17. Februar 2017  
 Product Version: 0.99  
 Pattern Version: unknown  
 Expires: Freitag, 14. Februar 2020

[Settings](#)



### Energize Update

Status: Licensed  
 Expires: Freitag, 14. Februar 2020




[Customer Login](#)



### Premium Support

Status: Not Purchased

The icons in the left column mean the following:

<b>Symbol</b>	<b>Meaning</b>
	Licensed security feature
	Licensed security feature that has been disabled
	There is no license for the specified security feature

Inside a subscription block, each feature is described by its individual attributes.

Blue keywords at the bottom of each subscription block indicate links that lead directly to the corresponding setup page.

## Figures

1. server\_page\_00a.png
2. server\_page\_00.png
3. server\_is\_up\_00.png
4. server\_blocked\_00.png
5. server\_stopped\_00.png
6. server\_disabled\_00.png
7. server\_status\_00.png
8. service\_status\_00.png
9. handle\_server\_status\_00.png
10. handle\_server\_status\_01.png
11. security\_subscription\_00.png
12. licensed\_00.png
13. licensed\_disabled\_00.png
14. not\_purchased\_00.png

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