

## How to Create a Protocol Object

<https://campus.barracuda.com/doc/43846913/>

Internet communication systems are based on defined protocols that reside in the application layer (most common: HTTP, HTTPS, or SMTP) and guarantee that users can visit websites, access encrypted online banking accounts, and send emails through the web. Although Application Control 2.0 works on the application layer and detects applications based on communication patterns, you still want to have full control over generic network communication protocols like IPsec, BGP or SIP. In critical back-end environments (like MSSP), Application Control 2.0 detection based on protocol objects is the right tool to detect, classify, regulate, or even block generic IP-based protocols independent from communication criteria like source and destination network or even protocol.

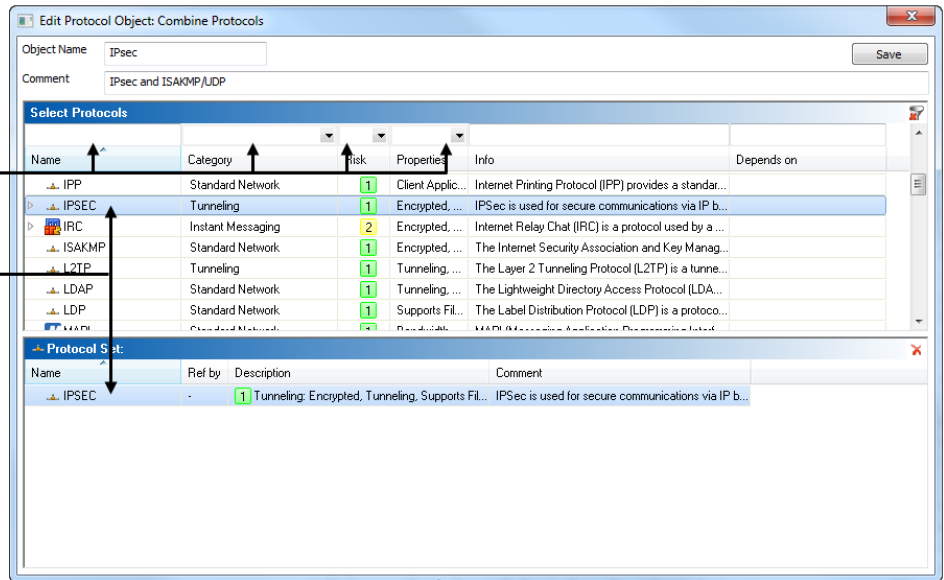
### Create a Protocol Object

1. Go to **CONFIGURATION > Configuration Tree > Box > Virtual Servers > your virtual server > Assigned Services > Firewall > Forwarding Rules**.
2. Click **Lock**.
3. In the left menu, expand **Firewall Objects** and select **Applications**.
4. Create the protocol object by either right-clicking the table and selecting **New > Protocol Object** or using the icons in the top-right area of the rule set.
5. Either search or filter for the protocols to include in the object.
6. Add protocols by either dragging them to the **Protocol Set** section or clicking the plus sign (+) next to their names.
7. If an application consists of more than one component, you can add the parent application to also add the child objects.
8. Click **Save**.
9. Click **Send Changes** and **Activate**.

The following figure displays the process for creating a protocol object.

Filter by protocol name, category, risk or properties

Use drag and drop or the include button



- Rule Lists**
- Access Rules
- Application Rules
- Object Viewer...
- Firewall Objects**
- Networks
- Applications**
- Services
- User and Groups
- Connections
- Interface Groups
- Proxy ARPs
- Generic IPS Patterns

Name	Ref by	Description	Comment
<b>Application Object</b>	-	Combine Filter, Applications and other Objects	
<b>Protocol Object</b>	-	Combine Protocols in one Protocol Object	
<b>Custom Application</b>	-	Create a custom Application by using an existing as template	
<b>Application Overrides</b>	-	Override risk of an existing application	
<b>Applications</b>	-	Barracuda defined Applications	
1-Clickshare	-	4 File Storage and Backup: Supports File Transfer, Vulnerabilities/Malware	1-ClickShare.com is a web-based file share platform that lets users upload a...
1-Upload	-	4 File Storage and Backup: Supports File Transfer, Vulnerabilities/Malware	1Upload is a web-based file share service that lets users upload and share fi...
1-upload.to	-	4 File Storage and Backup: Supports File Transfer, Vulnerabilities/Malware	1-upload.to is a web-based storage, file hosting, and file sharing service.
10Upload	-	4 File Storage and Backup: Bandwidth Consuming, Supports File Transfer...	10upload is a web-based file sharing and storage service which allows user...
123upload	-	4 File Storage and Backup: Supports File Transfer, Vulnerabilities/Malware	123upload is a web-based storage, file hosting, and file sharing service.
139pan	-	4 File Storage and Backup: Supports File Transfer, Vulnerabilities/Malware	139pan is a web-based storage, file hosting, and file sharing service.
163pan	-	4 File Storage and Backup: Supports File Transfer, Vulnerabilities/Malware	163pan is a web-based storage, file hosting, and file sharing service.
1Clickshare	-	4 File Storage and Backup: Supports File Transfer, Vulnerabilities/Malware	1Clickshare is an online file hosting and sharing service.
1Fichier	-	4 File Storage and Backup: Supports File Transfer, Vulnerabilities/Malware	1Fichier is a French online file storage and sharing service.

## Figures

### 1. Protocol Object.png

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