Service Objects

https://campus.barracuda.com/doc/96026261/

Service objects, when applied to an access rule, define which destination and client TCP/UDP ports and/or IP protocols that the service applied to the rule can use. By default, the Barracuda CloudGen Firewall contains a set of pre-configured service objects. You can edit these service objects for a custom setup or a non-standard port, or you can create new services objects to reference IP protocols and, if TCP/UDP is used, the destination port numbers.

A service object can consist of the following:

- **IP Protocol** – The required protocol (e.g., TCP) for the service used by an access rule.
- **Ports and Port Ranges** – The ports or port ranges that the service can use for the protocol.
- **Dynamic Services** – Dynamic services.
- **Plugin Modules** – Plugins for shared service objects (see Shared Service Objects) .
- **Port Protocol Protection** – Policies for handling prohibited services.

Shared Service Objects

Shared service objects refer to services using dynamic port allocation. The Firewall service uses firewall plugin modules to dynamically open and close required ports.

For more information, see Firewall Plugin Modules.

Create a New Service Object

For instructions on how to create a new service object, see How to Create Service Objects.

Port Protocol Protection

Port Protocol Protection can be configured as a part of every service object entry. It uses deep packet inspection to enforce the used protocol on a specific port or port range.

Fore more information, see How to Configure Port Protocol Protection.

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