

Zentyal Kullanıcı Bandwidth Limitleme İşlemi

Mustafa Demiröz tarafından yazıldı.

Pazartesi, 09 Temmuz 2012 08:37 - Son Güncelleme Perşembe, 12 Temmuz 2012 08:14

Bu işi yapmanın Zentyal UTM de birden fazla yolu var birinci yolu ki bu yol en Temiz ve kullanımı / Yönetimi en kolay yoldur. Bu yol ile yapabilmemiz için Zentyal mutlaka proxy olarak tanımlı olmalıdır.

Birinci adım;

Network başlığı altından Objects alt başlığı seçilir. Burda bir obje yaratıyoruz. Ben objeye Client_A dedim siz istediğiniz ismi verebilirsiniz.{jcomments on}



Core

Dashboard

Module Status

System

Network

Interfaces

Gateways

DNS

Objects

Services

Static Routes

Dynamic DNS

Diagnostic Tools

Bandwidth Monitor

Objects [\(show help\)](#)

Adding a new object

Name:

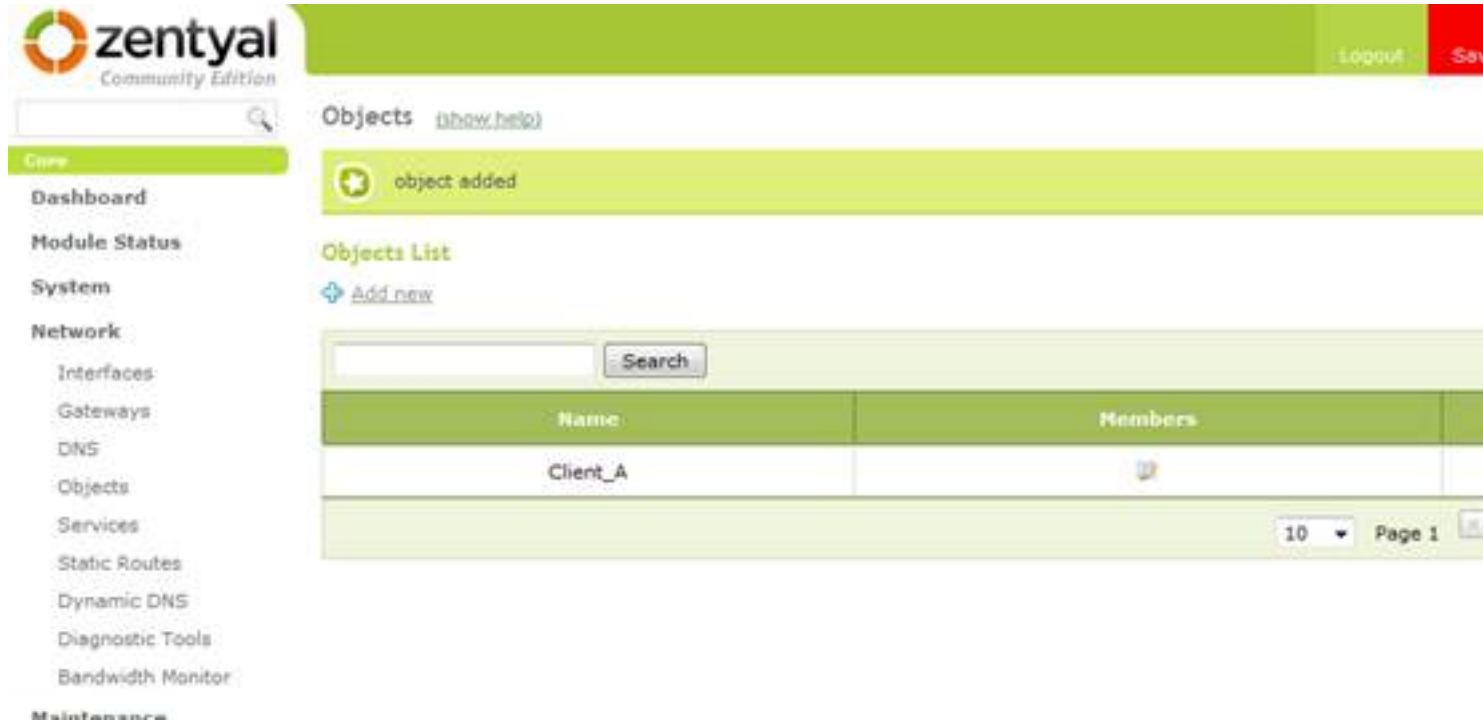
Add

Cancel

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The screenshot shows the Zentyal Community Edition web interface. The top navigation bar includes the Zentyal logo, a search bar, and a 'Logout' button. The left sidebar contains a 'Menu' section with the following items: Dashboard, Module Status, System, Network (Interfases, Gateways, DNS, Objects, Services, Static Routes, Dynamic DNS, Diagnostic Tools, Bandwidth Monitor), and Maintenance. The main content area is titled 'Objects (show help)' and features a green notification bar that says 'object added'. Below this is the 'Objects List' section, which includes a search bar and a table. The table has two columns: 'Name' and 'Members'. The first row in the table shows 'Client_A' in the 'Name' column and a small icon in the 'Members' column. At the bottom right of the table, there is a pagination control showing '10' and 'Page 1'.

Yaratılan objeye tıkladığımızda Members kısmını göreceksiniz burdan objeye üye kullanıcılar atıyoruz.

Bunları single ip, ip range yada mac adresi üzerinden tanımlayabiliriz.

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Objects ▸ Client_A [\(show help\)](#)

Core

- Dashboard
- Module Status
- System
- Network
- Maintenance
- Software Management
- Subscription

Gateway

- HTTP Proxy
- Traffic Shaping

RADIUS

Adding a new member

Name:

IP address: CIDR /

MAC address:
Optional

Bu yazıya (RADIUS) atılarak oluşturulan Bandwidth Limitleme (Capping) kullanıcısı için sistemde timecut.

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Core

Dashboard

Module Status

System

Network

Maintenance

Software Management

Subscription

Gateway

HTTP Proxy

General

Bandwidth Throttling

Objects' Policy

Groups' Policy

Filter Profiles

Traffic Shaping

RADIUS

Bandwidth Throttling [\(show help\)](#)

Network bandwidth rules (class 1 delay pools)

[+](#) [Add new](#)

Client bandwidth rules (class 2 delay pools)

[+](#) [Add new](#)

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Bandwidth Throttling [\(show help\)](#)

Adding a new rule

Enabled:

Network object:

Download rate: KB/s

Maximum download speed for this network. Use -1 to disable this option.

File size: KB

Maximum unthrottled download file size for this network. Use -1 to disable this option.

Adding a new rule

Enabled:

Network object:

Network download rate: KB/s

Maximum download rate for this network. Use -1 to disable this option.

Network file size: KB

Maximum unthrottled download file size for this network. Use -1 to disable this option.

Client download rate: KB/s

Maximum download rate per client. Use -1 to disable this option.

Client file size: KB

Maximum unthrottled download file size per client. Use -1 to disable this option.

Özellikler yapılandırmayı yaptıktan sonra birinci adımda nasıl tanımlama yaparız konusunu kapatmış

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The screenshot shows the Zentyal Community Edition interface. The top navigation bar includes the Zentyal logo and a 'Logout' button. The left sidebar contains a search bar and a menu with categories: Core, Gateway, HTTP Proxy, and Traffic Shaping. The main content area is titled 'Bandwidth Throttling (show help)'. It displays two sections: 'Network bandwidth rules (class 1 delay pools)' with an 'Add new' button, and 'Client bandwidth rules (class 2 delay pools)' with an 'Add new' button. Below these is a search bar and a table of rules. The table has columns for 'Enabled', 'Network object', 'Network download rate', 'Network file size', 'Client download rate', and 'Client file size'. One rule is listed for 'Client_A' with a download rate of 100 KB/s and a file size of 1000 KB. The bottom right of the table shows '10' items per page and 'Page 1'.

Bandwidth Throttling kullanılarak en birer model burda. Bir diğer model ise Proxy olarak kullanıyan



The screenshot shows the Zentyal Community Edition interface for adding a new rule. The top navigation bar includes the Zentyal logo and a 'Logout' button. The left sidebar contains a search bar and a menu with categories: Core, Gateway, HTTP Proxy, and Traffic Shaping. The main content area is titled 'Rules list per interface (show help)'. It displays a dropdown menu for 'Choose an interface to shape' set to 'eth0 (external interface)'. Below this is the 'Adding a new rule' form. The form has the following fields: 'Enabled' (checked), 'Service' (Port based service, FTP), 'Source' (Any), 'Destination' (Any), 'Priority' (7), 'Guaranteed Rate' (0 Kbit/s), and 'Limited Rate' (0 Kbit/s). The 'Guaranteed Rate' field has a note: 'Note that The sum of all guaranteed rates cannot exceed your total bandwidth. 0 means unguaranteed.' The 'Limited Rate' field has a note: 'Traffic will not exceed this rate. 0 means unlimited rate.' At the bottom of the form are 'Add' and 'Cancel' buttons.

Şimdi bu Rule oluşturduktan sonra bu Rule başlangıçta ismiyle aynı olmaz. Bir diğer adı kullanıyan diyebiliriz.

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The screenshot shows the Zentyal Community Edition web interface. The top navigation bar includes the Zentyal logo and a 'Logout' link. A sidebar on the left contains a search bar and a menu with categories: Core, Gateway, and Traffic Shaping. The main content area is titled 'Rules list per interface' and shows a dropdown menu for 'eth0 (external interface)'. A green notification bar indicates 'rule added'. Below this, the 'Rules list for eth0 (external interface)' is displayed, featuring a search bar and a table with one rule. The table has columns for Enabled, Service, Source, Destination, Priority, Guaranteed Rate, and Limited Rate. The rule is enabled, for HTTP service, with source 192.168.0.1/32 and destination Any, priority 2, and both guaranteed and limited rates set to 60 Kbit/s. A pagination control shows '10' items per page and 'Page 1'.

Rules list per interface [\(show help\)](#)

Choose an interface to shape: eth0 (external interface) ▼

rule added

Rules list for eth0 (external interface)

[Add new](#)

Enabled	Service	Source	Destination	Priority	Guaranteed Rate	Limited Rate
<input checked="" type="checkbox"/>	HTTP	192.168.0.1/32	Any	2	60 Kbit/s	60 Kbit/s

10 ▼ Page 1

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