

# Managing Napster Traffic

## Background:

Napster is a file sharing program loaded from a very popular website: [www.napster.com](http://www.napster.com). After downloading the application the user is registered in a worldwide file sharing community. The members of the community can upload and download files from one another. Most of the files exchanged are of MP3 type.

## Problem:

University campus network managers are worried that the heavy download traffic associated with this popular file exchange will consume most of the WAN connection to the Internet, significantly slowing down other business applications.

## Solution:

The NetEnforcer enables the campus network manager to assign a maximum to the Napster traffic and thereby allowing "fun" traffic to exist peacefully with business traffic.

## Technical details of the solution:

Napster is a smart application which uses different ports so that it can run through a firewall with pre-assigned blocked ports. In some cases you will need to add newly found ports to the list below. Use the Protocol Distribution chart in the Monitoring screen to identify new ports used by Napster.

To classify Napster traffic add the following definition in the Service Catalog:

Name of service: Napster

Network protocol: IP

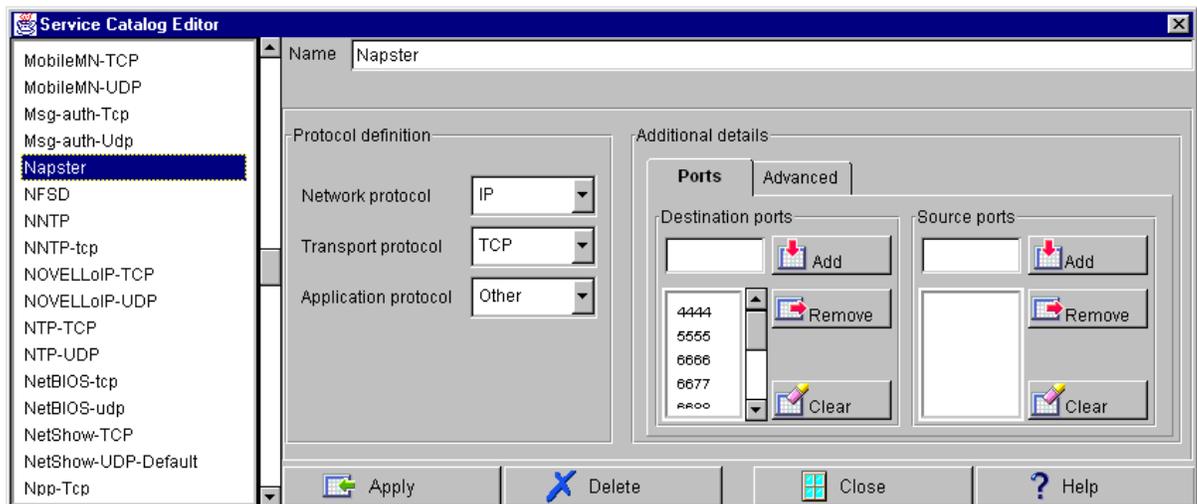
Transport protocol: TCP

Application protocol: Other

Destination ports: 4444, 5555, 6666, 6677, 6688, 6697, 6699, 6700, 7777, 8875, 8888, 9999

## Step by step procedure — how to control Napster service using the NetEnforcer:

1. Define a service in the Service Catalog

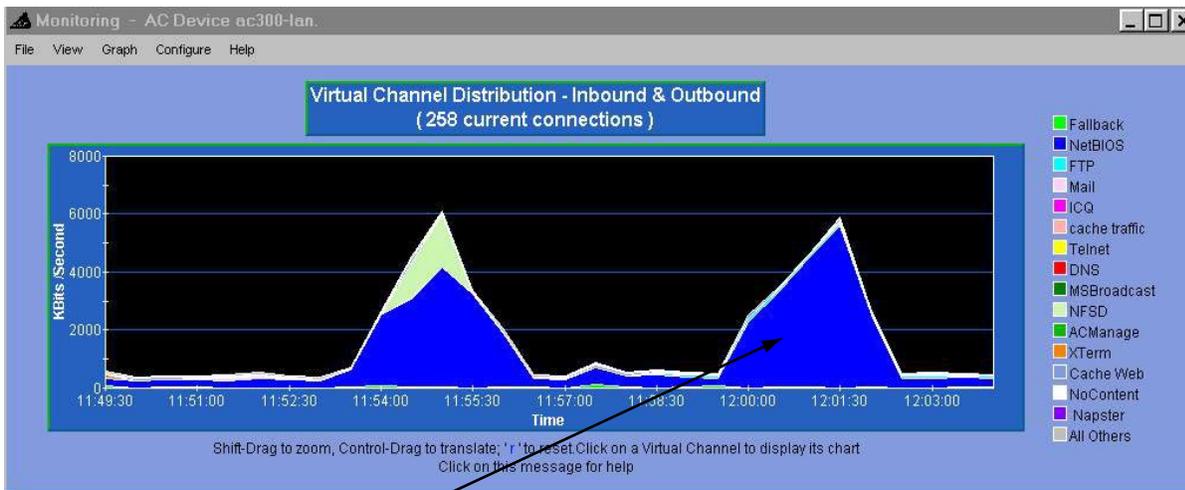


2. Define a virtual channel in your Virtual Channel Editor and SAVE.

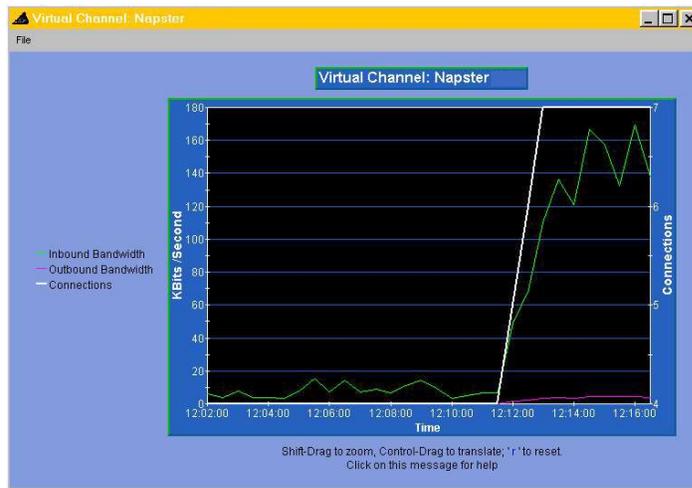
Virtual Channel Name	In Use	Connection Source	Connection Destination	Service	TOS	Time	Access Control	Quality Of Service	Connection Control
Gold Customers	✓	Gold	Any	All IP	Any	Always	➔	Gold Service	Pass As Is
Silver Customers	✓	Silver	Any	All IP	Any	Always	➔	Silver Service	Pass As Is
Bronze Customer	✓	Bronze	Any	All IP	Any	Always	➔	Bronze Service	Pass As Is
Napster	✓	Any	Any	Napster	Any	Always	➔	Max 170Kbps	Pass As Is

(Select a Quality of Service catalog entry to limit the bandwidth, as you wish)

3. Open the Monitoring application to view the Napster Virtual Channel



4. Double click on the Napster Virtual Channel to view the traffic in real time.



5. Re-evaluate whether you want to change Napster bandwidth usage.

Please forward your questions to: [info@allot.com](mailto:info@allot.com).

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