CENG 492

Progress Report

Team Prime’

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Onur Cem Sırlı

Ongun:

In case of stream add failure there may be duplicate process ID’s. I wrote a code to check the previous processes to detect duplicates and to remove them. Written in PHP.

Tested the Onur Cem’s C++ code with PHP.

Doğan:

Worked on virtual machine configurations for our testing purposes.

- Set up a few linux operating systems on windows host.
- Tried to use linux virtual machines as server but windows machine couldn’t connect to virtual machines like a normal network connection.
- However, when host(windows) machine is set up as server, virtual machines could connect to host machine.
- Even though we could communicate host and VM partially, neither VM can communicate with other computers in the network nor other computers in the network can communicate with the VMs.
- Tried several different VM configurations but results did not improve.

Eventually, it seems like VMs will not be very helpful during our tests. Still maybe we can use a few of them as clients of their host machines just to increase the load on the machine.
Göksu:

Integration of load balancer configuration codes:

- Merged Onur Cem’s load balancer modification program and Ongun’s load balancer restart script on a PHP page.
- Modified stream add and stream remove pages such that they automatically redirect to this newly created PHP page.

Onur Cem:

Load balancer configuration file modification implementation.

- Used C++ for implementation.
- usage: ./confupd a/r backendname ip1 ip2 ip3..
  ex: ./confupd a newbackend 1.23.4.5
  ./confudp r oldbackend

Next Week:

We will focus on testing our system.