

Департамент образования и науки города Москвы
Государственное автономное образовательное учреждение
высшего образования города Москвы
«Московский городской педагогический университет»
Институт цифрового образования
Департамент информатики, управления и технологий

Практическая работа № 4

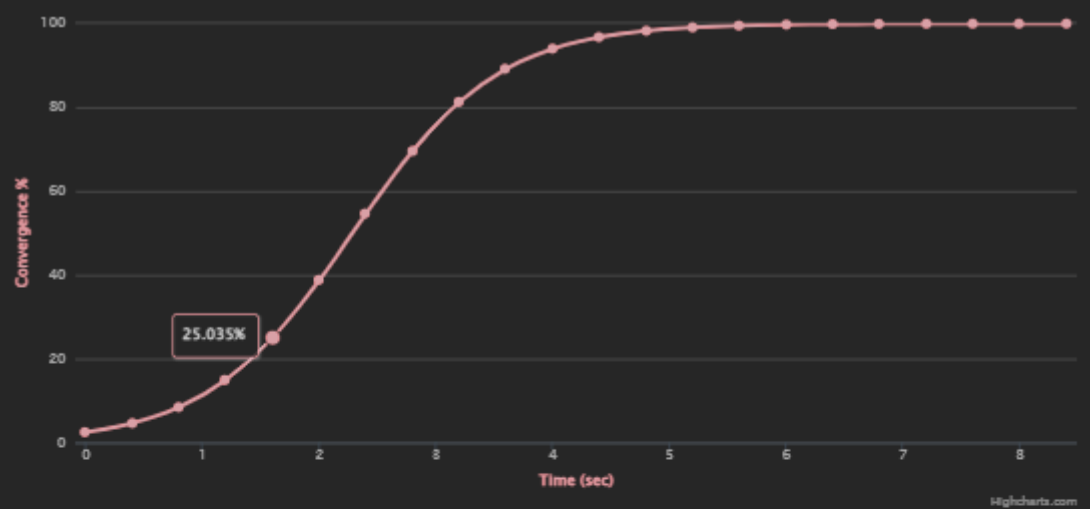
Тема: «Failure detection»

Выполнила: Бринькован В. А., ТП-191

Руководитель: Босенко Т.М.

Москва

2022



Estimated max bandwidth: 109.4 kbps/node

GOSSIP INTERVAL

The gossip interval controls how often messages are gossiped to other nodes

0.4 seconds

GOSSIP FANOUT

The gossip fanout controls how many nodes we gossip with

2 nodes

NODES

This controls how many simulated nodes are in the cluster

38

PACKET LOSS

This controls the amount of simulated packet loss [0, 100)

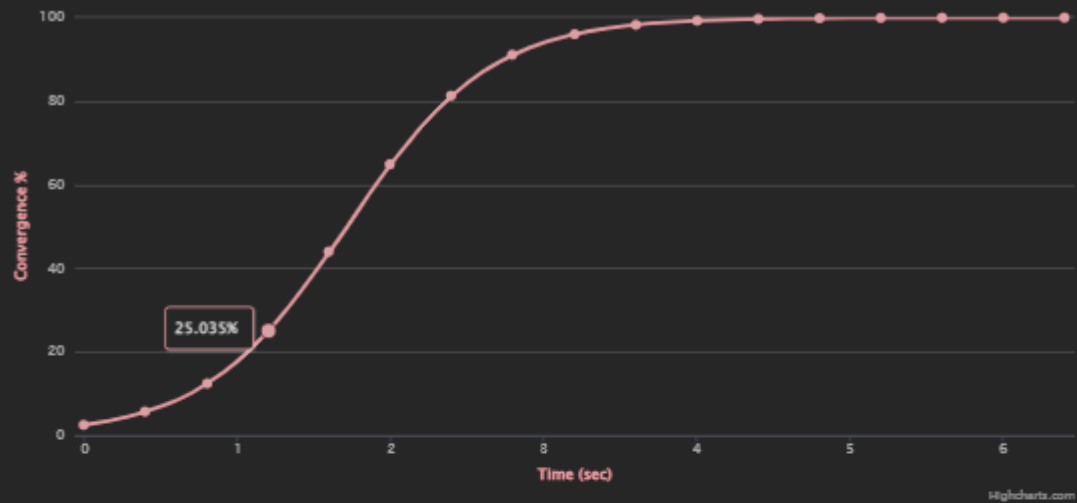
31 % lost packets

NODE FAILURES

This controls what percent of simulated nodes are failed

7 % failed

The default values in the boxes are also the default values that Serf is configured with, where applicable.



Estimated max bandwidth: 164.1 kbps/node

GOSSIP INTERVAL

The gossip interval controls how often messages are gossiped to other nodes

0.4 seconds

GOSSIP FANOUT

The gossip fanout controls how many nodes we gossip with

3 nodes

NODES

This controls how many simulated nodes are in the cluster

38

PACKET LOSS

This controls the amount of simulated packet loss [0, 100]

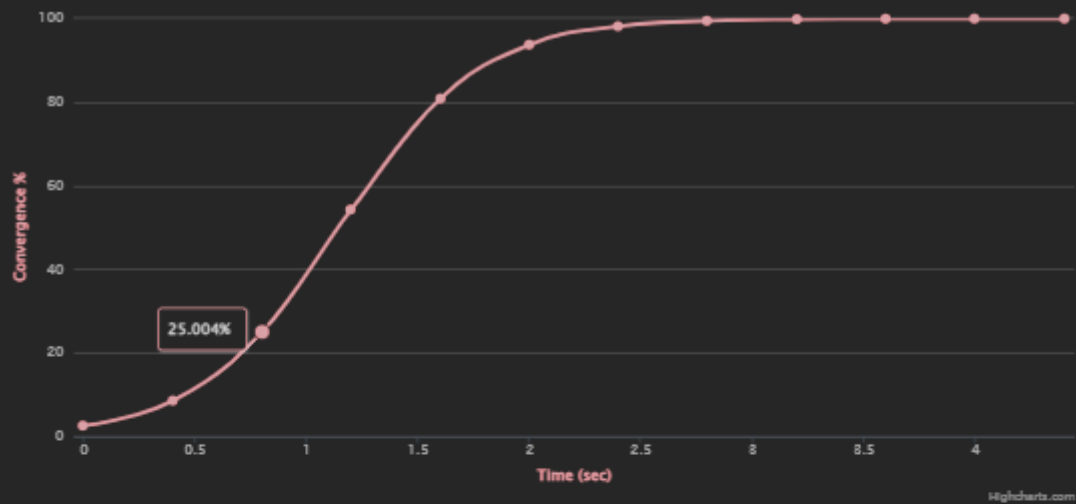
38 % lost packets

NODE FAILURES

This controls what percent of simulated nodes are failed

8 % failed

The default values in the boxes are also the default values that Serf is configured with, where applicable.



Estimated max bandwidth: 218.8 kbps/node

GOSSIP INTERVAL

The gossip interval controls how often messages are gossiped to other nodes

0.4 seconds

GOSSIP FANOUT

The gossip fanout controls how many nodes we gossip with

4 nodes

NODES

This controls how many simulated nodes are in the cluster

31

PACKET LOSS

This controls the amount of simulated packet loss [0, 100)

31 % lost packets

NODE FAILURES

This controls what percent of simulated nodes are failed

8 % failed