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Практическая работа № 4

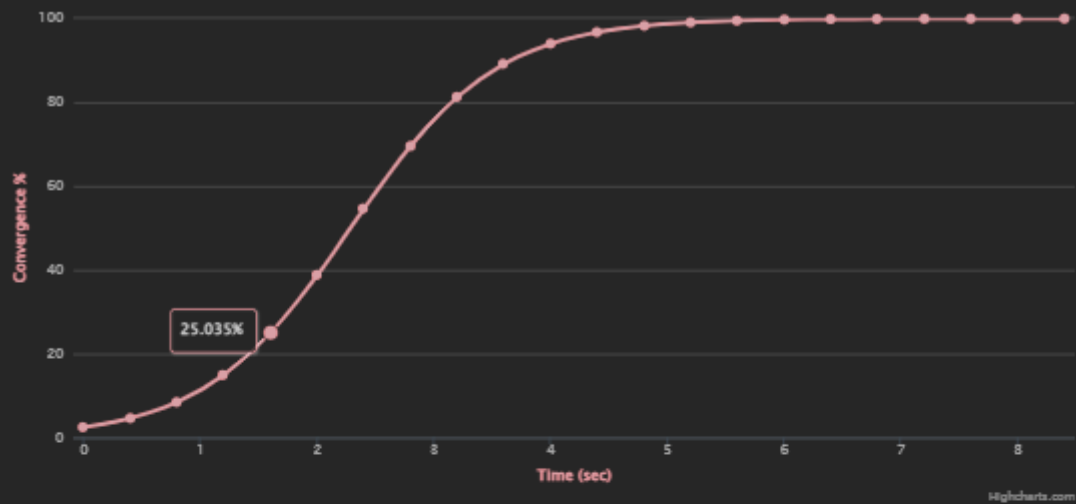
Тема: «Failure detection»

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Москва

2022



Estimated max bandwidth: 109.4 kbps/node

GOSSIP INTERVAL

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

seconds

GOSSIP FANOUT

The gossip fanout controls how many nodes we gossip with

nodes

NODES

This controls how many simulated nodes are in the cluster

PACKET LOSS

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

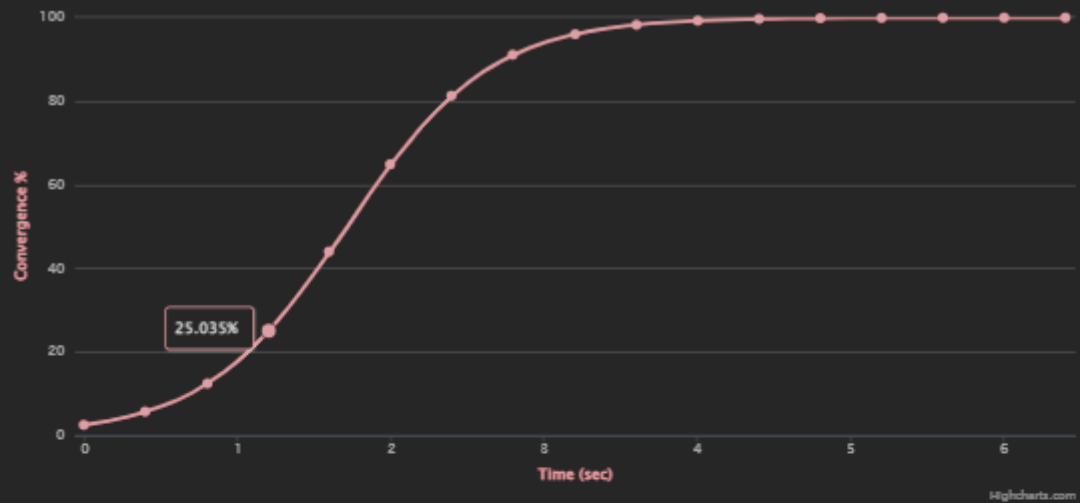
% lost packets

NODE FAILURES

This controls what percent of simulated nodes are failed

% 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)

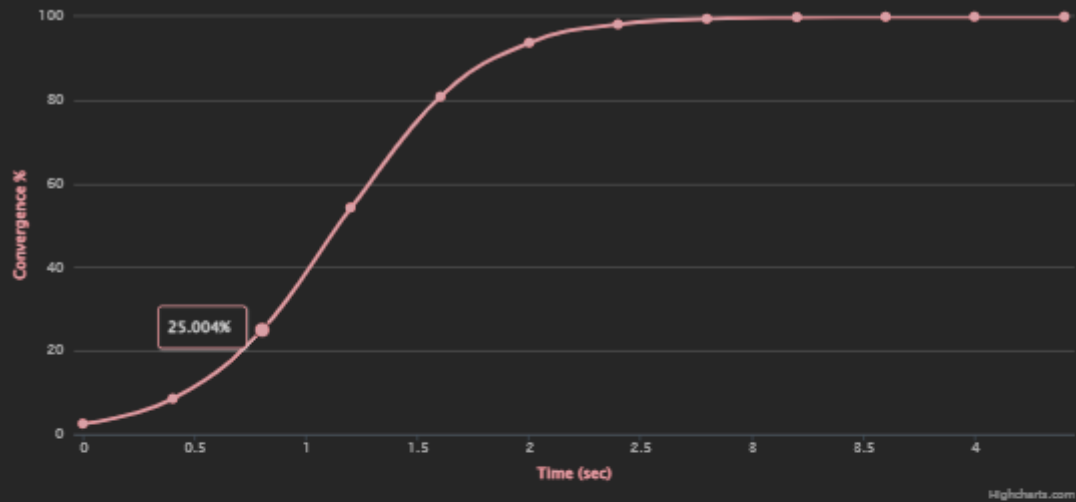
38 % lost packets

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