

Social Network resilience demo

Gate status: FAILED

Violations: /compose-post-service @ pfail=0.5 -> 0.0231, /home-timeline-service @ pfail=0.5 -> 0.2812, /nginx-web-server @ pfail=0.5 -> 0.1384, /social-graph-service @ pfail=0.5 -> 0.5625, /text-service @ pfail=0.5 -> 0.1250, /user-service @ pfail=0.5 -> 0.5625, /user-timeline-service @ pfail=0.5 -> 0.5625; min reliability=0.0231 (threshold=0.95)

Threshold: 0.95 — Mode: any

Filters: (all endpoints)

Simulated pfail values: 0.1, 0.3, 0.5

Gate checks only the replicated (repl) columns; norepl is shown for context. Violations list the lowest-reliability pfail per endpoint. Cell colors: green meets threshold (repl), red is below (repl), blue is baseline (norepl, not gated), gray is missing.

Gate mode `any` : fail if any endpoint's lowest repl reliability across the simulated pfail values is below the threshold.

Endpoint reliability

Endpoint	pfail=0.1		pfail=0.3		pfail=0.5	
	norepl (ref)	repl (gated)	norepl (ref)	repl (gated)	norepl (ref)	repl (gated)
/compose-post-service	43.05%	63.60%	5.76%	17.60%	0.39%	2.31%
/home-timeline-service	72.90%	88.21%	34.30%	57.97%	12.50%	28.12%
/nginx-web-server	53.14%	86.37%	11.76%	46.71%	1.56%	13.84%
/social-graph-service	81.00%	98.01%	49.00%	82.81%	25.00%	56.25%
/text-service	72.90%	72.90%	34.30%	34.30%	12.50%	12.50%