Erratum: Storage management and caching in PAST, a large-scale, persistent peer-to-peer storage utility

Antony Rowstron
Microsoft Research
St. George House, 1 Guildhall Street
Cambridge, CB2 3NH, United Kingdom.

antr@microsoft.com

Peter Druschel
Rice University
6100 Main Street, MS 132
Houston, TX 77005-1892, USA.

druschel@cs.rice.edu

In the published paper there were three errors: Table 3 and Figures 2 and 3. In this erratum we present the correct table and figures. The results still support the choice of t_{pri} and t_{div} that were used in the paper.

t_{pri}	Succeed	Fail	File divers.	Replica divers.	Util.
0.5	88.02%	11.98%	4.43%	18.80%	99.7%
0.2	96.57%	3.43%	4.41%	18.13%	99.4%
0.1	99.34%	0.66%	3.47%	16.10%	98.2%
0.05	99.73%	0.27%	2.17%	12.86%	97.4%

Table 3: Insertion statistics and utilization of PAST as t_{pri} is varied and $t_{div} = 0.05$.
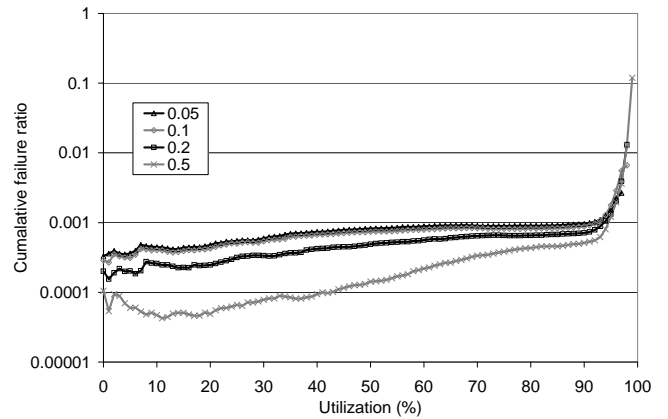

Figure 2: Cumulative failure ratio versus storage utilization achieved by varying the t_{pri} parameter and $t_{div} = 0.05$.
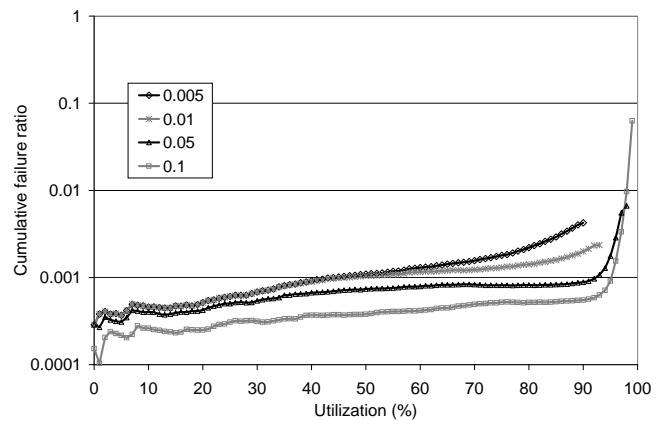

Figure 3: Cumulative failure ratio versus storage utilization achieved by varying the t_{div} parameter and $t_{pri} = 0.1$.