

NVM-DRAM comparison

Nodes 1,000,000
edges 16,000,000

DRAM-only				
	Totalt	iterasjon	analyse	
8	107.43	105.77	1.66	
9	97.21	95.66	1.55	
10	89.08	87.65	1.42	
11	81.05	79.74	1.31	
12	76.45	75.22	1.23	
13	71.00	69.80	1.20	
14	66.82	65.69	1.12	
15	62.90	61.84	1.06	
16	60.37	59.37	1.00	

NVDIMM				
	Totalt	iterasjon	analyse	
8	307.87	305.96	1.91	
9	269.52	267.76	1.77	
10	253.76	252.16	1.61	
11	234.31	232.84	1.48	
12	221.12	219.73	1.39	
13	206.90	205.57	1.33	
14	194.31	193.06	1.25	
15	183.59	182.41	1.18	
16	172.20	171.08	1.12	

Couolumn 1 Total amount of cores
Couolumn 2 Cores used on data generation
Couolumn 3 Cores used on data analyzing
iter time Time spent on genereating data and doing nothing
iter idle t. Time Data generating threads are spent doing nothing
analyze t Time doing data transfer, analyzing and doing nothing
ana. Idle t. Time analyze threads are spent doing nothing
transfer t. Time analyze threads spent on transferring data
analyze Time analyze threads spent on analyzing data
total time Total time from the program split in two until it ended.

NVM-DRAM comparison

			iter time	iter idle t.	analyze t	ana. Idle t.	transfer t.	analyze	total time
16	15	1	63.20	0.00	63.21	3.31	20.83	39.06	63.21
16	14	2	66.51	0.00	66.52	36.59	10.49	19.43	66.52
16	13	3	71.39	0.01	71.39	51.45	7.10	12.83	71.39
16	12	4	76.38	0.00	76.38	61.37	5.40	9.59	76.38
16	11	5	82.52	0.01	82.52	70.43	4.36	7.70	82.52
16	10	6	89.01	0.00	89.01	78.97	3.65	6.38	89.01
16	9	7	97.40	0.00	97.41	88.82	3.11	5.46	97.41
16	8	8	108.29	0.00	108.29	100.81	2.69	4.76	108.29
16	7	9	121.85	0.00	121.85	115.15	2.42	4.26	121.85
16	6	10	137.81	0.00	137.81	131.73	2.20	3.86	137.81
16	5	11	164.33	0.00	164.33	158.68	2.10	3.52	164.33
16	4	12	202.00	0.00	202.01	195.79	2.90	3.29	202.01
16	3	13	264.57	0.00	264.57	258.69	2.80	3.05	264.57
16	2	14	386.81	0.00	386.81	381.22	2.71	2.86	386.81
16	1	15	780.13	0.00	780.13	774.11	3.19	2.80	780.13