

1 Plotting all figures

1.1

Listing 1. Cluster and Node Placement Times

	cluster-placement-time	node-placement-time
light-memory	0,00	3,00
medium-memory	0,00	2,00
large-memory	1,00	2,00
mixture-memory	0,00	2,00

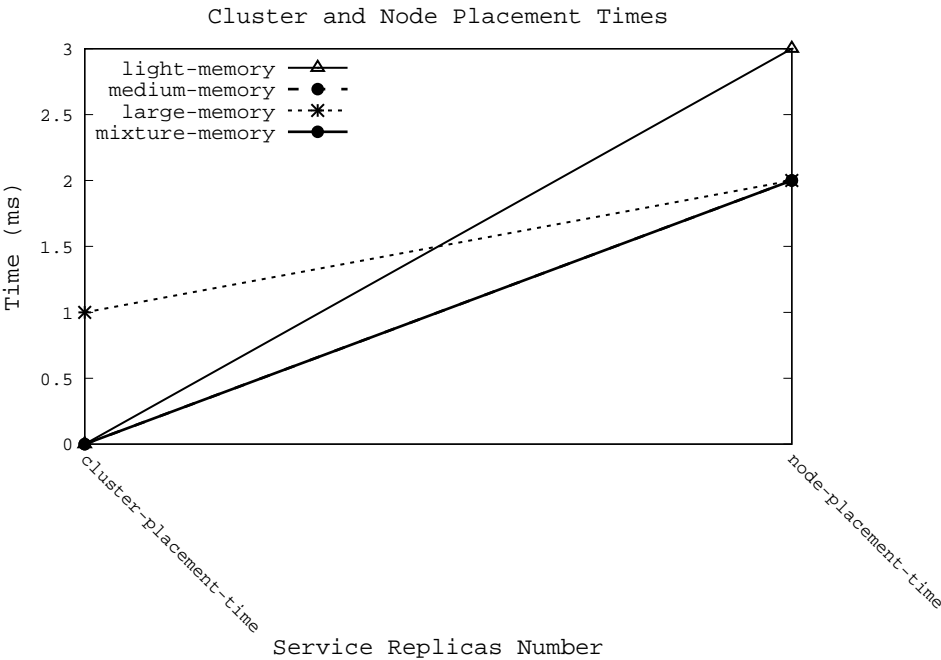


Fig. 1. Cluster and Node Placement Times

1.2

Listing 2. Cluster CPU Utilization

	cluster-1	cluster-2	cluster-3
light-memory	100,00	33,00	100,00
medium-memory	100,00	33,00	50,00
large-memory	100,00	0,00	0,00
mixture-memory	100,00	0,00	62,00

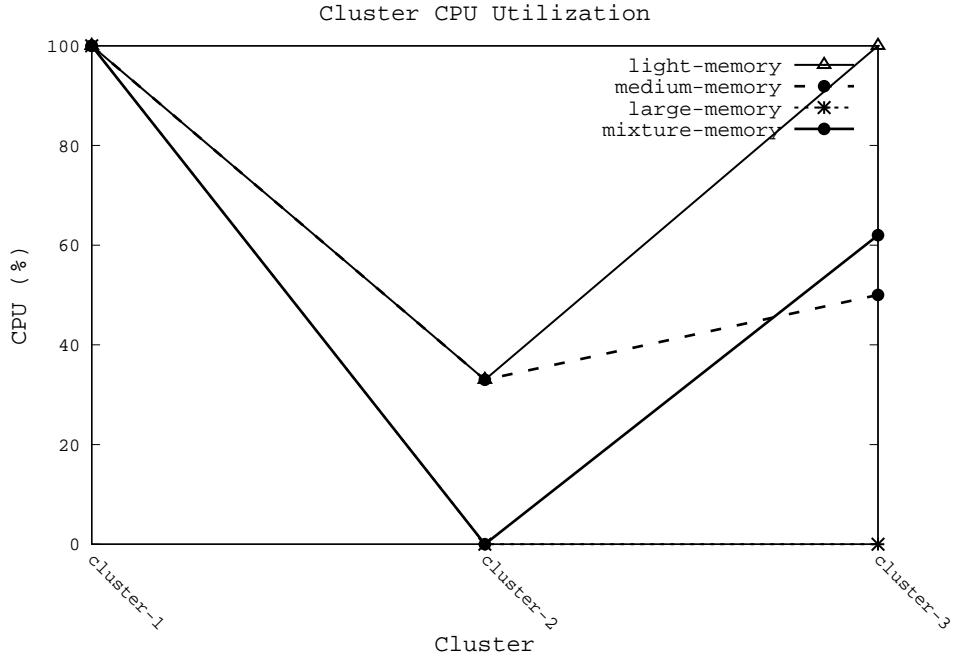


Fig. 2. Cluster CPU Utilization

1.3

Listing 3. Cluster Memory Utilization

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Cluster Memory Utilization (%)
clusters cluster-1 cluster-2 cluster-3
light-memory 6,00 2,00 48,00
medium-memory 25,00 8,00 100,00
large-memory 100,00 0,00 0,00
mixture-memory 6,00 0,00 49,00

```

1.4

Listing 4. Cluster Node Utilization

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Cluster Node Utilization (%)
clusters cluster-1 cluster-2 cluster-3
light-memory 100,00 100,00 100,00
medium-memory 100,00 100,00 100,00
large-memory 100,00 0,00 0,00
mixture-memory 100,00 0,00 100,00

```

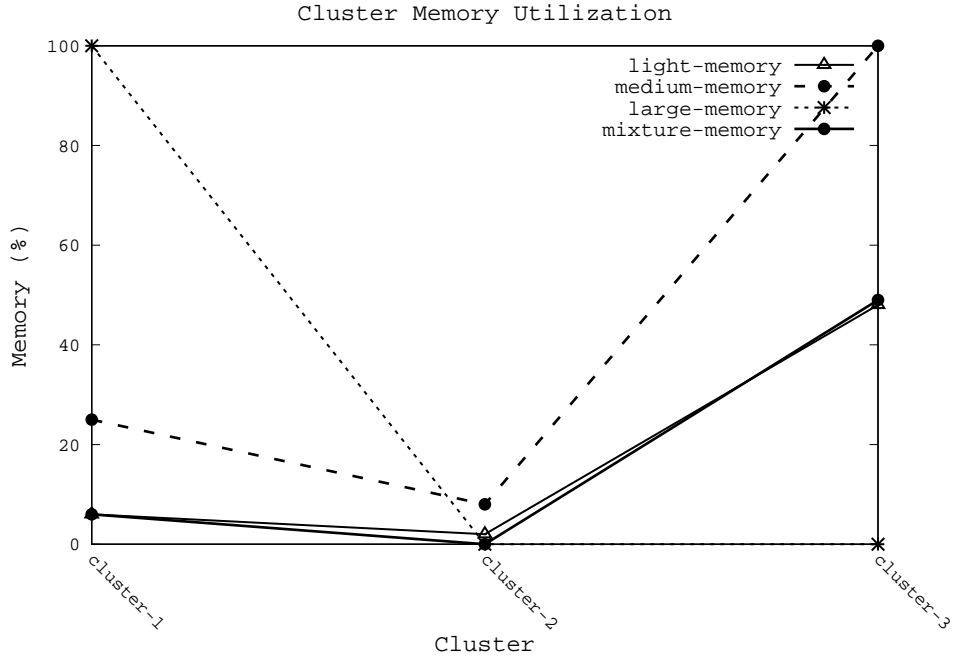


Fig. 3. Cluster Memory Utilization

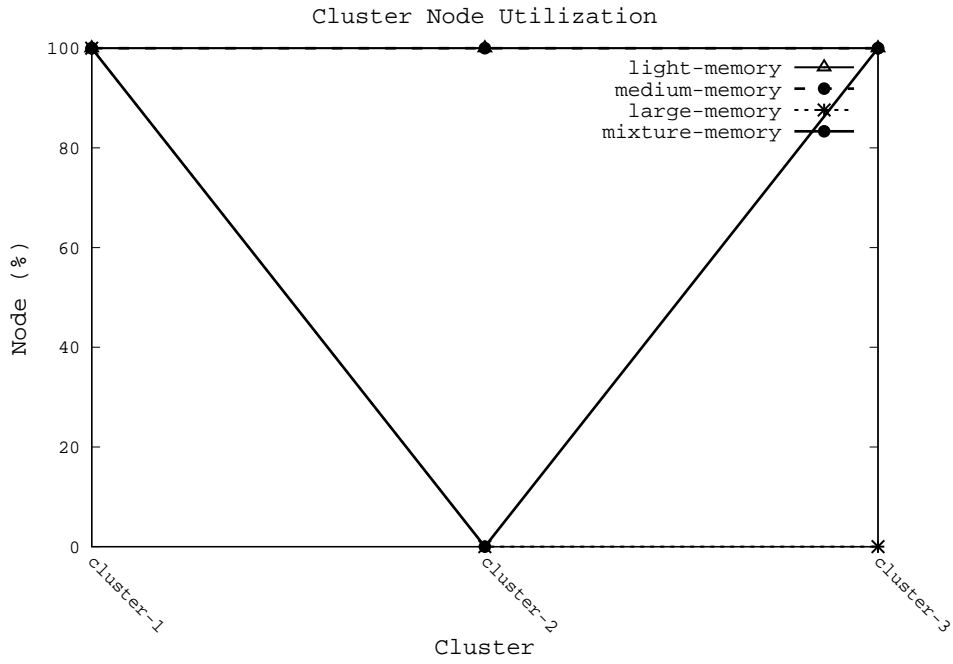


Fig. 4. Cluster Node Utilization

1.5

Listing 5. Node CPU Utilization
Node CPU Utilization (%)

nodes	cluster-1-node1	cluster-1-node2	cluster-2-node1	cluster-2-node2	cluster-2-node3	cluster-3-node1	cluster-3-node2	cluster-3-node3	cluster-3-node4
light-memory	100,00	100,00	100,00	0,00	0,00	0,00	100,00	99,00	100,00
medium-memory	100,00	100,00	100,00	0,00	0,00	0,00	50,00	50,00	50,00
large-memory	100,00	100,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
mixture-memory	100,00	100,00	0,00	0,00	0,00	0,00	100,00	50,00	50,00

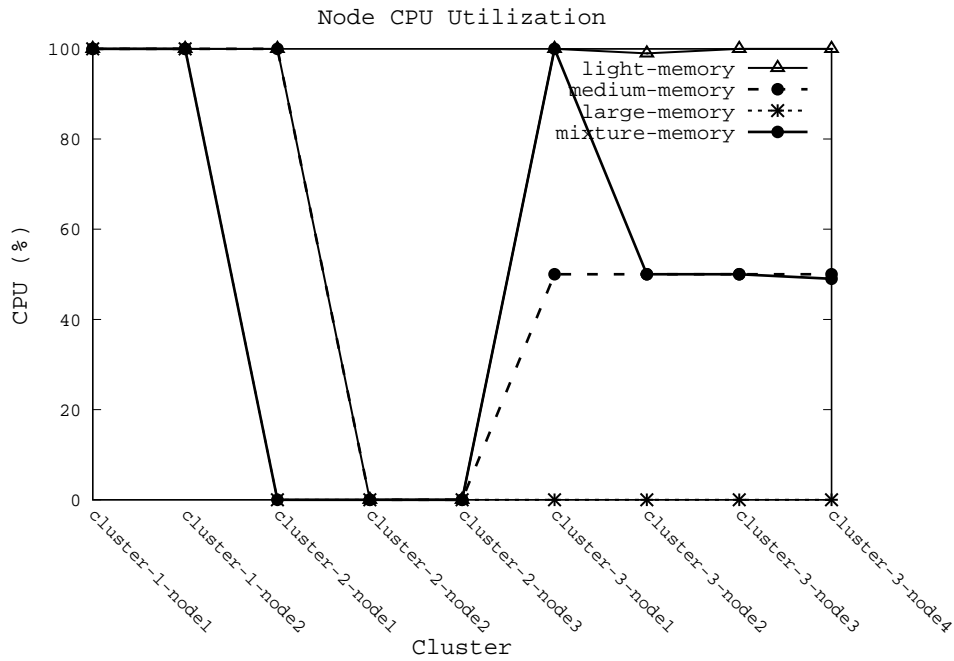


Fig. 5. Node CPU Utilization

1.6

Listing 6. Node Memory Utilization

Node Memory Utilization (%)								
nodes	cluster-1-node1	cluster-1-node2	cluster-2-node1	cluster-2-node2	cluster-2-node3	cluster-3-node1	cluster-3-node2	cluster-3-node3
light-memory	6,00	6,00	6,00	0,00	0,00	48,00	48,00	48,00
medium-memory	25,00	25,00	25,00	0,00	0,00	100,00	100,00	100,00
large-memory	100,00	100,00	100,00	0,00	0,00	0,00	0,00	0,00

large-memory	100,00	100,00	0,00	0,00	0,00	0,00	0,00
	0,00	0,00					
mixture-memory	6,00	6,00	0,00	0,00	0,00	124,00	24,00
	24,00	24,00					

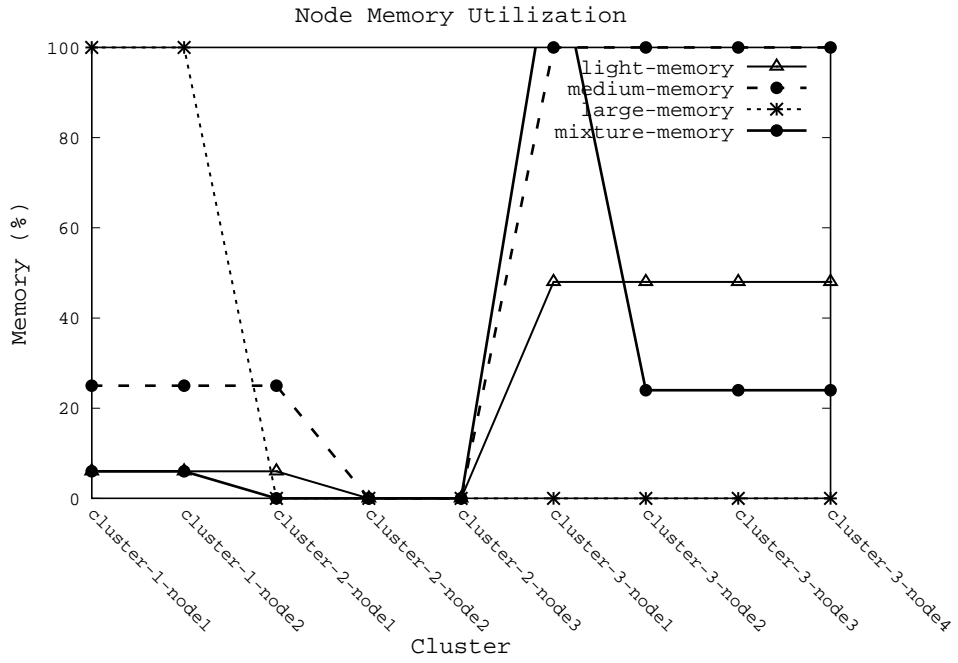


Fig. 6. Node Memory Utilization