

Results for R1 instances (VRPSD)

Keld Helsgaun, November 19, 2017

Instance	BKS	LKH-3	Gap (%)
20_2_01	463.05	463.39	0.07
20_2_02	242.45	242.45	0.00
20_2_03	447.28	447.28	0.00
20_2_04	397.74	397.74	0.00
20_2_05	400.01	401.06	0.26
20_2_06	277.31	277.31	0.00
20_2_07	356.18	356.98	0.22
20_2_08	414.44	415.08	0.15
20_2_09	375.54	375.54	0.00
20_2_10	479.07	479.07	0.00
20_3_01	384.55	386.36	0.47
20_3_02	566.26	572.57	1.11
20_3_03	400.65	402.23	0.39
20_3_04	422.98	431.79	2.08
20_3_05	424.77	431.71	1.63
20_3_06	518.50	518.63	0.03
20_3_07	328.57	336.51	2.42
20_3_08	436.13	445.34	2.11
20_3_09	455.55	457.36	0.40
20_3_10	566.50	579.58	2.31
30_2_01	477.83	478.43	0.13
30_2_02	444.62	447.26	0.59
30_2_03	504.36	506.32	0.39
30_2_04	487.40	487.40	0.00
30_2_05	445.74	450.19	1.00
30_2_06	487.62	489.52	0.39
30_2_07	530.92	531.86	0.18
30_2_08	383.59	384.27	0.18
30_2_09	432.26	433.79	0.35
30_2_10	443.89	444.39	0.11
30_3_01	571.93	575.44	0.61
30_3_02	563.58	565.30	0.31
30_3_03	590.81	594.72	0.66
30_3_04	594.23	596.17	0.33
30_3_05	460.37	461.22	0.18
30_3_06	592.52	593.18	0.11
30_3_07	475.01	476.74	0.36
30_3_08	489.39	491.83	0.50
30_3_09	471.64	477.39	1.22
30_3_10	542.82	544.28	0.27
40_4_01	599.62	599.70	0.01
40_4_02	725.21	726.10	0.12

40_4_03	546.14	549.06	0.53
40_4_04	757.00	767.22	1.35
40_4_05	723.29	725.75	0.34
40_4_06	675.30	682.84	1.12
40_4_07	571.73	554.74	-2.97
40_4_08	595.36	595.75	0.07
40_4_09	465.89	465.89	0.00
40_4_10	526.13	530.08	0.75
40_5_01	601.70	606.10	0.73
40_5_02	641.76	649.31	1.18
40_5_03	597.22	604.49	1.22
40_5_04	693.94	700.89	1.00
40_5_05	644.23	648.23	0.62
40_5_06	615.24	619.37	0.67
40_5_07	628.52	645.04	2.63
40_5_08	693.23	696.70	0.50
40_5_09	918.35	936.00	1.92
40_5_10	679.94	692.14	1.79
50_4_01	581.29	582.24	0.16
50_4_02	563.18	565.64	0.44
50_4_03	609.00	609.96	0.16
50_4_04	532.78	533.46	0.13
50_4_05	635.10	641.99	1.08
50_4_06	576.96	578.91	0.34
50_4_07	600.42	608.36	1.32
50_4_08	596.69	605.69	1.51
50_4_09	603.97	614.08	1.67
50_4_10	661.80	665.20	0.51
50_5_01	787.42	797.47	1.28
50_5_02	737.43	743.12	0.77
50_5_03	653.81	658.97	0.79
50_5_04	764.65	769.93	0.69
50_5_05	658.98	668.48	1.44
50_5_06	739.91	746.10	0.84
50_5_07	691.01	695.10	0.59
50_5_08	675.89	679.64	0.55
50_5_09	625.24	630.99	0.92
50_5_10	791.16	797.72	0.83
60_5_01	685.60	692.51	1.01
60_5_02	569.77	573.62	0.68
60_5_03	670.02	681.36	1.69
60_5_04	725.69	729.73	0.56
60_5_05	698.85	708.15	1.33
60_5_06	627.89	630.45	0.41
60_5_07	651.62	665.01	2.05
60_5_08	502.06	504.24	0.43

60_5_09	666.91	670.02	0.47
60_5_10	744.69	750.57	0.79
60_6_01	703.49	704.13	0.09
60_6_02	836.22	847.19	1.31
60_6_03	829.71	847.58	2.15
60_6_04	777.86	783.55	0.73
60_6_05	775.00	777.58	0.33
60_6_06	756.04	764.31	1.09
60_6_07	740.27	747.59	0.99
60_6_08	680.60	682.14	0.23
60_6_09	763.40	774.30	1.43
60_6_10	660.42	666.69	0.95