

Appendix Three

TABLE of UPD Values for BT, P2P-CONCENTRATE, and Roam by Considering Two Replications for Each Experimental Combination

Serial No	Replica	Number of master servers	Number of zones	Number of cells	BT	P2P-CONCENTRATE	Roam
1	Worst	0	0	1	1	0	0
2	Average	0	0	1	1	0	0
3	Worst	0	1	2	3	2	2
4	Average	0	1	2	3	1	1
5	Worst	0	1	3	3	3	3
6	Average	0	1	3	3	2	2
7	Worst	0	1	4	3	4	4
8	Average	0	1	4	3	2	2
9	Worst	0	1	5	3	5	5
10	Average	0	1	5	3	3	3
11	Worst	1	2	6	5	4	6
12	Average	1	2	6	5	2	3
12	Worst	1	2	7	5	4	7
14	Average	1	2	7	5	2	4
15	Worst	1	2	8	5	4	8
16	Average	1	2	8	5	2	4
17	Worst	1	2	9	5	4	9
18	Average	1	2	9	5	2	5
19	Worst	1	2	10	5	4	10
20	Average	1	2	10	5	2	5
21	Worst	1	3	11	5	5	11
22	Average	1	3	11	5	3	6
23	Worst	1	3	12	5	5	12
24	Average	1	3	12	5	3	6
25	Worst	1	3	13	5	5	13
26	Average	1	3	13	5	3	7
27	Worst	1	3	14	5	5	14
28	Average	1	3	14	5	3	7
29	Worst	1	3	15	5	5	15
30	Average	1	3	15	5	3	8
31	Worst	1	4	16	5	6	16
32	Average	1	4	16	5	3	8
33	Worst	1	4	17	5	6	17
34	Average	1	4	17	5	3	9
35	Worst	1	4	18	5	6	18
36	Average	1	4	18	5	3	9
37	Worst	1	4	19	5	6	19
38	Average	1	4	19	5	3	10
39	Worst	1	4	20	5	6	20

40	Average	1	4	20	5	3	10
41	Worst	1	5	21	5	7	21
42	Average	1	5	21	5	4	11
43	Worst	1	5	22	5	7	22
44	Average	1	5	22	5	4	11
45	Worst	1	5	23	5	7	23
46	Average	1	5	23	5	4	12
47	Worst	1	5	24	5	7	24
48	Average	1	5	24	5	4	12
49	Worst	1	5	25	5	7	25
50	Average	1	5	25	5	4	13
51	Worst	2	6	26	6	6	26
52	Average	2	6	26	6	3	13
53	Worst	2	6	27	6	6	27
54	Average	2	6	27	6	3	14
55	Worst	2	6	28	6	6	28
56	Average	2	6	28	6	3	14
57	Worst	2	6	29	6	6	29
58	Average	2	6	29	6	3	15
59	Worst	2	6	30	6	6	30
60	Average	2	6	30	6	3	15
61	Worst	2	7	31	6	6	31
62	Average	2	7	31	6	3	16
63	Worst	2	7	32	6	6	32
64	Average	2	7	32	6	3	16
65	Worst	2	7	33	6	6	33
66	Average	2	7	33	6	3	17
67	Worst	2	7	34	6	6	34
68	Average	2	7	34	6	3	17
69	Worst	2	7	35	6	6	35
70	Average	2	7	35	6	3	18
71	Worst	2	8	36	6	6	36
72	Average	2	8	36	6	3	18
73	Worst	2	8	37	6	6	37
74	Average	2	8	37	6	3	19
75	Worst	2	8	38	6	6	38
76	Average	2	8	38	6	3	19
77	Worst	2	8	39	6	6	39
78	Average	2	8	39	6	3	20
79	Worst	2	8	40	6	6	40
80	Average	2	8	40	6	3	20
81	Worst	2	9	41	6	6	41
82	Average	2	9	41	6	3	21
83	Worst	2	9	42	6	6	42
84	Average	2	9	42	6	3	21
85	Worst	2	9	43	6	6	43
86	Average	2	9	43	6	3	22
87	Worst	2	9	44	6	6	44
88	Average	2	9	44	6	3	22

89	Worst	2	9	45	6	6	45
90	Average	2	9	45	6	3	23
91	Worst	2	10	46	6	6	46
92	Average	2	10	46	6	3	23
93	Worst	2	10	47	6	6	47
94	Average	2	10	47	6	3	24
95	Worst	2	10	48	6	6	48
96	Average	2	10	48	6	3	24
97	Worst	2	10	49	6	6	49
98	Average	2	10	49	6	3	25
99	Worst	2	10	50	6	6	50
100	Average	2	10	50	6	3	25
101	Worst	3	11	51	7	7	51
102	Average	3	11	51	7	4	26
103	Worst	3	11	52	7	7	52
104	Average	3	11	52	7	4	26
105	Worst	3	11	53	7	7	53
106	Average	3	11	53	7	4	27
107	Worst	3	11	54	7	7	54
108	Average	3	11	54	7	4	27
109	Worst	3	11	55	7	7	55
110	Average	3	11	55	7	4	28
111	Worst	3	12	56	7	7	56
112	Average	3	12	56	7	4	28
113	Worst	3	12	57	7	7	57
114	Average	3	12	57	7	4	29
115	Worst	3	12	58	7	7	58
116	Average	3	12	58	7	4	29
117	Worst	3	12	59	7	7	59
118	Average	3	12	59	7	4	30
119	Worst	3	12	60	7	7	60
120	Average	3	12	60	7	4	30
121	Worst	3	13	61	7	7	61
122	Average	3	13	61	7	4	31
123	Worst	3	13	62	7	7	62
124	Average	3	13	62	7	4	31
125	Worst	3	13	63	7	7	63
126	Average	3	13	63	7	4	32
127	Worst	3	13	64	7	7	64
128	Average	3	13	64	7	4	32
129	Worst	3	13	65	7	7	65
130	Average	3	13	65	7	4	33
131	Worst	3	14	66	7	7	66
132	Average	3	14	66	7	4	33
133	Worst	3	14	67	7	7	67
134	Average	3	14	67	7	4	34
135	Worst	3	14	68	7	7	68
136	Average	3	14	68	7	4	34
137	Worst	3	14	69	7	7	69

138	Average	3	14	69	7	4	35
139	Worst	3	14	70	7	7	70
140	Average	3	14	70	7	4	35
141	Worst	3	15	71	7	7	71
142	Average	3	15	71	7	4	36
143	Worst	3	15	72	7	7	72
144	Average	3	15	72	7	4	36
145	Worst	3	15	73	7	7	73
146	Average	3	15	73	7	4	37
147	Worst	3	15	74	7	7	74
148	Average	3	15	74	7	4	37
149	Worst	3	15	75	7	7	75
150	Average	3	15	75	7	4	38
151	Worst	4	16	76	8	8	76
152	Average	4	16	76	8	4	38
153	Worst	4	16	77	8	8	77
154	Average	4	16	77	8	4	39
155	Worst	4	16	78	8	8	78
156	Average	4	16	78	8	4	39
157	Worst	4	16	79	8	8	79
158	Average	4	16	79	8	4	40
159	Worst	4	16	80	8	8	80
160	Average	4	16	80	8	4	40
161	Worst	4	17	81	8	8	81
162	Average	4	17	81	8	4	41
163	Worst	4	17	82	8	8	82
164	Average	4	17	82	8	4	41
165	Worst	4	17	83	8	8	83
166	Average	4	17	83	8	4	42
167	Worst	4	17	84	8	8	84
168	Average	4	17	84	8	4	42
169	Worst	4	17	85	8	8	85
170	Average	4	17	85	8	4	43
171	Worst	4	18	86	8	8	86
172	Average	4	18	86	8	4	43
173	Worst	4	18	87	8	8	87
174	Average	4	18	87	8	4	44
175	Worst	4	18	88	8	8	88
176	Average	4	18	88	8	4	44
177	Worst	4	18	89	8	8	89
178	Average	4	18	89	8	4	45
179	Worst	4	18	90	8	8	90
180	Average	4	18	90	8	4	45
181	Worst	4	19	91	8	8	91
182	Average	4	19	91	8	4	46
183	Worst	4	19	92	8	8	92
184	Average	4	19	92	8	4	46
185	Worst	4	19	93	8	8	93
186	Average	4	19	93	8	4	47

187	Worst	4	19	94	8	8	94
188	Average	4	19	94	8	4	47
189	Worst	4	19	95	8	8	95
190	Average	4	19	95	8	4	48
191	Worst	4	20	96	8	8	96
192	Average	4	20	96	8	4	48
193	Worst	4	20	97	8	8	97
194	Average	4	20	97	8	4	49
195	Worst	4	20	98	8	8	98
196	Average	4	20	98	8	4	49
197	Worst	4	20	99	8	8	99
198	Average	4	20	99	8	4	50
199	Worst	4	20	100	8	8	100
200	Average	4	20	100	8	4	50