

















					Ana	alyti	ic Re	sults	5	48	Ò	Internati Telecom Union
	Topol	og	y Mes	h/ SF p	rotoco	01 / <u>mo</u>	ore and	less use	ed links	Factor of a		
	Topology		ak failuro	Without With		AC (-%)	Without With		AH (±%)	Without With		AE(-%)
-	MSg-9	-	3 1	22.34	21.18	5 22	2 014	2 125	5.51	11.09	9.97	10.17
2	MS-16	re use	4 1	22,34	26 52	2 78	2,014	3 017	2.86	9 30	8 79	5.49
(2 ×:	MSg-25		2.3	38,11	37.35	2,00	3,28	3,347	2,00	11.62	11.16	3,96
	MS-36	ĬĔ	2, 3	48,47	47,61	1,77	3,71	3,781	1,80	13,05	12,59	3,51
	MSq-9	-	8,5	22,34	20,90	6,46	2,01	2,153	6,90	11.09	9,71	12,50
ିର	MS-16	- ŝ	13, 16	27,28	26,52	2,78	2,93	3,017	2,86	9,30	8,79	5,49
2	MSq-25	1	25, 21	38,11	37,43	1,80	3,28	3,34	1,83	11,62	11,21	3,56
	MS-36	1 -	26, 27	48,47	47,61	1,77	3,71	3,781	1,80	13,05	12,59	3,51
	MSq-9	ore used	1, 2	40,91	38,46	5,98	1,65	1,69	2,42	24,79	22,76	8,21
ିତ	MS-16		2, 3	56,07	54,40	2,99	2,14	2,16	0,93	26,20	25,18	3,89
e 🖻	MSq-25		4, 5	73,82	72,27	2,10	2,54	2,56	0,79	29,06	28,23	2,87
	MS-36	Ξ	6, 1	92,15	90,68	1,60	2,93	2,95	0,68	31,45	30,74	2,26
	MSq-9	q	9, 7	40,91	38,46	5,98	1,65	1,69	2,42	24,79	22,76	8,21
ିତ୍ର	MS-16	ns	13, 16	56,07	54,40	2,99	2,14	2,16	0,93	26,20	25,18	3,89
Ë,	MSq-25	SS	21, 22	73,82	72,27	2,10	2,54	2,56	0,79	29,06	28,23	2,87
	MS-36	<u> </u>	32, 31	92,15	90,68	1,60	2,93	2,95	0,68	31,45	30,74	2,26
	MSq-9	ed	2, 1	60,00	59,45	0,92	1,50	1,514	0,93	40,00	39,26	1,84
(¥	MS-16	I SI	1, 2	75,12	74,70	0,56	2,13	2,142	0,56	35,27	34,87	1,12
4	MSq-25	_ E	1, 2	100,00	99,72	0,28	2,50	2,507	0,28	40,00	39,78	0,56
	MS-36	E	1, 2	116,88	116,47	0,36	3,08	3,091	0,36	37,95	37,68	0,71
	MSq-9	2	9, 8	60,00	59,45	0,92	1,50	1,514	0,93	40,00	39,26	1,84
(¥	MS-16	_ š	16, 15	75,12	74,70	0,56	2,13	2,142	0,56	35,27	34,87	1,12
4	MSq-25	es	25, 24	100,00	99,72	0,28	2,50	2,507	0,28	40,00	39,78	0,56
	MS-36	1	36, 35	116,88	116,47	0,36	3,08	3,091	0,36	37,95	37,68	0,71
dia,	13–15 De	c 20'	10:		i						,	,

				Capacity			Number of hops			Factor of performance		
т	opology	Link failure		Without	With	∆C (-%)	Without	With	ΔH (+%)	Without	With	ΔF(-%)
_	Ring-9	+ used	2, 3	20	17,89	10,53	2,25	2,375	5,56	8,89	7,53	15,2
	Ring-16		3, 1	24,02	22,28	7,27	3,33	3,479	4,47	7,21	6,40	11,2
1	Ring-25		3, 1	25,88	24,57	5,07	4,83	4,986	3,23	5,36	4,93	8,0
unid	Ring-9	-used	7, 8	20	17,00	15,00	2,25	2,5	11,11	8,89	6,80	23,
	Ring-16		15, 16	24,02	21,89	8,87	3,33	3,54	6,31	7,21	6,18	14,
	Ring-25		23, 24	25,88	23,93	7,55	4,83	5,12	6,00	5,36	4,67	12,
	Ring-9	used	same	18	14,66	18,58	2,5	2,9	16,00	7,2	5,05	29,
	Ring-16		2, 3	18,78	15,63	16,80	4,26	4,96	16,43	4,41	3,15	28,
	Ring-25	+	same	19,23	16,16	15,96	6,5	7,58	16,62	2,96	2,13	27,
	Ring-9	p	same	18	14,55	19,14	2,5	2,92	16,80	7,2	4,98	30,
5	Ring-16	nse	15, 14	18,78	15,63	16,80	4,26	4,96	16,43	4,41	3,15	28,
	Ring-25	17	same	19,23	16,16	15,96	6,5	7,58	16,62	2,96	2,13	27.













