Results

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1 General Informations

Platform: ROOT-Sim.
Run type: serial.
Number of elements in the topology: 280.
Number of LPs used in the simulation: 4.
Simulation duration: 43.509 seconds seconds.
Memory usage: 18.98 MB.
All elements reached stability in the simulation.

1.1 Topology Informations

There is one Central node, between the Central node and the Regional layer there is one WAN. Between each regional and its Locals there is a WAN.
There are 4 regional nodes.In total 30 local nodes.
In total there are 180 sensors and 30 actuators.

2 Detailed view

2.1 Central node 0

This element finished the simulation at simulation time: 1400077.147188.

2.1.1 Given parameters

S_t	S_e	S_c	S_b	$aggr_t$	$aggr_e$	$aggr_c$	$aggr_b$
0.033	0.165	0.0165	0.066	5	3	4	2

2.1.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0.504	0.204	0	0.0176

D_t	D_e	D_c	D_b
0.033	0.165	0	0.066

U_t	U_e	U_c	U_b
0.0166	0.0337	0	0.00116

Total Utlization Factor = 0.05146

R_t	R_e	R_c	R_b
0.0348	0.174	0	0.0696

Simulated Model

λ_t	λ_e	λ_c	λ_b
0.504	0.205	0	0.0176

D_t	D_e	D_c	D_b
0.033	0.165	0	0.0663

U_t	U_e	U_c	U_b
0.0166	0.0338	0	0.00117

Total Utlization Factor = 0.05157

R_t	R_e	R_c	R_b
0.0413	0.17	0	0.0718

2.2 Central storage of Node 0

2.2.1 Given parameters

S_t	S_e	S_c	S_b
0.4	0.73	0	0.23

2.2.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0.101	0.184	0	0.019

D_t	D_e	D_c	D_b
0.4	0.73	0	0.23

U_t	U_e	U_c	U_b
0.0403	0.134	0	0.00438

Total Utlization Factor = 0.1787

R_t	R_e	R_c	R_b
0.487	0.889	0	0.28

Simulated Model

λ_t	λ_e	λ_c	λ_b
0.101	0.184	0	0.019

D_t	D_e	D_c	D_b
0.4	0.729	0	0.23

U_t	U_e	U_c	U_b
0.0403	0.134	0	0.00437

Total Utlization Factor = 0.1787

R_t	R_e	R_c	R_b
0.556	0.843	0	0.359

2.3 Regional node 1

This regional node of Type0 has in its subtree:

- 2 local nodes of type Type0

This element finished the simulation at simulation time: 1400067.683964.

2.3.1 Given parameters

S_t	S_e	S_c	S_b	$aggr_t$	$aggr_e$	$aggr_c$	$aggr_b$
0.33	1.65	0.165	0.66	5	3	4	2

2.3.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0.168	0.0151	0.00136	0.00084

D_t	D_e	D_c	D_b
0.33	3.13	0.165	0.66

U_t	U_e	U_c	U_b
0.0554	0.0474	0.000225	0.000554

Total Utlization Factor = 0.1036

R_t	R_e	R_c	R_b
0.368	3.5	0.184	0.736

Simulated Model

λ_t	λ_e	λ_c	λ_b
0.168	0.0151	0.00134	0.000849

D_t	D_e	D_c	D_b
0.331	3.11	0.163	0.629

U_t	U_e	U_c	U_b
0.0556	0.0471	0.000218	0.000534

Total Utlization Factor = 0.1035

R_t	R_e	R_c	R_b
0.431	3.26	0.375	0.707

2.4 Regional node 2

This regional node of Type0 has in its subtree:

- 4 local nodes of type Type0

This element finished the simulation at simulation time: 1400074.900841.

2.4.1 Given parameters

S_t	S_e	S_c	S_b	$aggr_t$	$aggr_e$	$aggr_c$	$aggr_b$
0.33	1.65	0.165	0.66	5	3	4	2

2.4.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0.336	0.0302	0.00272	0.00168

D_t	D_e	D_c	D_b
0.33	3.13	0.165	0.66

U_t	U_e	U_c	U_b
0.111	0.0948	0.000449	0.00111

Total Utlization Factor = 0.2074

R_t	R_e	R_c	R_b
0.416	3.95	0.208	0.833

Simulated Model

λ_t	λ_e	λ_c	λ_b
0.336	0.0303	0.0027	0.00167

D_t	D_e	D_c	D_b
0.33	3.16	0.162	0.643

U_t	U_e	U_c	U_b
0.111	0.0958	0.000436	0.00107

Total Utlization Factor = 0.2083

R_t	R_e	R_c	R_b
0.567	3.59	0.633	0.841

2.5 Regional node 3

This regional node of Type0 has in its subtree:

- 8 local nodes of type Type0

This element finished the simulation at simulation time: 1400077.478736.

2.5.1 Given parameters

S_t	S_e	S_c	S_b	$aggr_t$	$aggr_e$	$aggr_c$	$aggr_b$
0.33	1.65	0.165	0.66	5	3	4	2

2.5.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0.672	0.0605	0.00544	0.00336

D_t	D_e	D_c	D_b
0.33	3.13	0.165	0.66

U_t	U_e	U_c	U_b
0.222	0.19	0.000898	0.00222

Total Utlization Factor = 0.4151

R_t	R_e	R_c	R_b
0.564	5.35	0.282	1.13

Simulated Model

λ_t	λ_e	λ_c	λ_b
0.672	0.0604	0.00545	0.00337

D_t	D_e	D_c	D_b
0.33	3.12	0.162	0.632

U_t	U_e	U_c	U_b
0.222	0.188	0.000886	0.00213

Total Utlization Factor = 0.413

R_t	R_e	R_c	R_b
0.961	4.36	1.28	1.2

2.6 Regional node 4

This regional node of Type0 has in its subtree:

- 16 local nodes of type Type0

This element finished the simulation at simulation time: 1400078.945586.

2.6.1 Given parameters

S_t	S_e	S_c	S_b	$aggr_t$	$aggr_e$	$aggr_c$	$aggr_b$
0.33	1.65	0.165	0.66	5	3	4	2

2.6.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
1.34	0.121	0.0109	0.00672

D_t	D_e	D_c	D_b
0.33	3.13	0.165	0.66

U_t	U_e	U_c	U_b
0.444	0.379	0.0018	0.00444

Total Utlization Factor = 0.8292

R_t	R_e	R_c	R_b
1.93	18.3	0.965	3.86

Simulated Model

λ_t	λ_e	λ_c	λ_b
1.34	0.121	0.0109	0.00676

D_t	D_e	D_c	D_b
0.33	3.14	0.165	0.655

U_t	U_e	U_c	U_b
0.443	0.38	0.0018	0.00443

Total Utlization Factor = 0.8292

R_t	R_e	R_c	R_b
4.87	12	5.5	5.16

2.7 Local node 5

This node is of : Type0
This element finished the simulation at simulation time: 1400079.0.
This node has the same defining characteristics as these other nodes: **6;**

2.7.1 Given parameters

S_t	S_e	S_c	S_b	$aggr_t$	$aggr_e$	$aggr_c$	$aggr_b$
1.65	8.15	0.815	3.3	5	3	4	2

2.7.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0.42	0.0084	0.00144	0.0

D_t	D_e	D_c	D_b
1.65	15.5	0.815	0.0

U_t	U_e	U_c	U_b
0.693	0.13	0.00117	0.0

Total Utlization Factor = 0.8242

R_t	R_e	R_c	R_b
9.39	88.1	4.64	0.0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0.42	0.008415	0.0014	0.0

D_t	D_e	D_c	D_b
1.65	15.45	0.8405	0.0

U_t	U_e	U_c	U_b
0.6945	0.1295	0.001175	0.0

Total Utlization Factor = 0.8252

R_t	R_e	R_c	R_b
15.55	45.2	17.15	0.0

2.8 Local node 7

This node is of : Type0
This element finished the simulation at simulation time: 1400076.435679.
This node has the same defining characteristics as these other nodes: **8; 9; 10;**

2.8.1 Given parameters

S_t	S_e	S_c	S_b	$aggr_t$	$aggr_e$	$aggr_c$	$aggr_b$
1.65	8.15	0.815	3.3	5	3	4	2

2.8.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0.42	0.0084	0.00144	0.0

D_t	D_e	D_c	D_b
1.65	15.5	0.815	0.0

U_t	U_e	U_c	U_b
0.693	0.13	0.00117	0.0

Total Utlization Factor = 0.8242

R_t	R_e	R_c	R_b
9.39	88.1	4.64	0.0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0.4202	0.008425	0.001425	0.0

D_t	D_e	D_c	D_b
1.65	15.5	0.793	0.0

U_t	U_e	U_c	U_b
0.693	0.1303	0.00113	0.0

Total Utlization Factor = 0.8244

R_t	R_e	R_c	R_b
15.87	46.45	16.4	0.0

2.9 Local node 11

This node is of : Type0
This element finished the simulation at simulation time: 1400077.90905.
This node has the same defining characteristics as these other nodes: **12; 13; 14; 15; 16; 17; 18;**

2.9.1 Given parameters

S_t	S_e	S_c	S_b	$aggr_t$	$aggr_e$	$aggr_c$	$aggr_b$
1.65	8.15	0.815	3.3	5	3	4	2

2.9.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0.42	0.0084	0.00144	0.0

D_t	D_e	D_c	D_b
1.65	15.5	0.815	0.0

U_t	U_e	U_c	U_b
0.693	0.13	0.00117	0.0

Total Utlization Factor = 0.8242

R_t	R_e	R_c	R_b
9.39	88.1	4.64	0.0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0.4202	0.008385	0.001432	0.0

D_t	D_e	D_c	D_b
1.65	15.41	0.8138	0.0

U_t	U_e	U_c	U_b
0.6927	0.1291	0.001166	0.0

Total Utlization Factor = 0.823

R_t	R_e	R_c	R_b
15.32	45.01	15.31	0.0

2.10 Local node 19

This node is of : Type0
This element finished the simulation at simulation time: 1400078.891724.
This node has the same defining characteristics as these other nodes: **20; 21; 22; 23; 24; 25; 26; 27; 28; 29; 30; 31; 32; 33; 34;**

2.10.1 Given parameters

S_t	S_e	S_c	S_b	$aggr_t$	$aggr_e$	$aggr_c$	$aggr_b$
1.65	8.15	0.815	3.3	5	3	4	2

2.10.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0.42	0.0084	0.00144	0.0

D_t	D_e	D_c	D_b
1.65	15.5	0.815	0.0

U_t	U_e	U_c	U_b
0.693	0.13	0.00117	0.0

Total Utlization Factor = 0.8242

R_t	R_e	R_c	R_b
9.39	88.1	4.64	0.0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0.42	0.008413	0.001437	0.0

D_t	D_e	D_c	D_b
1.65	15.48	0.8245	0.0

U_t	U_e	U_c	U_b
0.6928	0.1301	0.001185	0.0

Total Utlization Factor = 0.8241

R_t	R_e	R_c	R_b
15.56	45.17	15.02	0.0

2.11 Actuator 41

This actuator is of Type0
This element finished the simulation at simulation time: 1399750.785343.

2.11.1 Given parameters

S_t	S_e	S_c	S_b
0	0	0.6	0

2.11.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00228	0

D_t	D_e	D_c	D_b
0	0	0.6	0

U_t	U_e	U_c	U_b
0	0	0.00137	0

Total Utlization Factor = 0.00137

R_t	R_e	R_c	R_b
0	0	0.601	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00224	0

D_t	D_e	D_c	D_b
0	0	0.605	0

U_t	U_e	U_c	U_b
0	0	0.00136	0

Total Utlization Factor = 0.00136

R_t	R_e	R_c	R_b
0	0	0.605	0

2.12 Actuator 48

This actuator is of Type0
This element finished the simulation at simulation time: 1399961.164363.

2.12.1 Given parameters

S_t	S_e	S_c	S_b
0	0	0.6	0

2.12.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00228	0

D_t	D_e	D_c	D_b
0	0	0.6	0

U_t	U_e	U_c	U_b
0	0	0.00137	0

Total Utlization Factor = 0.00137

R_t	R_e	R_c	R_b
0	0	0.601	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00228	0

D_t	D_e	D_c	D_b
0	0	0.594	0

U_t	U_e	U_c	U_b
0	0	0.00135	0

Total Utlization Factor = 0.00135

R_t	R_e	R_c	R_b
0	0	0.595	0

2.13 Actuator 55

This actuator is of Type0
This element finished the simulation at simulation time: 1399809.983028.

2.13.1 Given parameters

S_t	S_e	S_c	S_b
0	0	0.6	0

2.13.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00228	0

D_t	D_e	D_c	D_b
0	0	0.6	0

U_t	U_e	U_c	U_b
0	0	0.00137	0

Total Utlization Factor = 0.00137

R_t	R_e	R_c	R_b
0	0	0.601	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00223	0

D_t	D_e	D_c	D_b
0	0	0.59	0

U_t	U_e	U_c	U_b
0	0	0.00132	0

Total Utlization Factor = 0.00132

R_t	R_e	R_c	R_b
0	0	0.591	0

2.14 Actuator 62

This actuator is of Type0
This element finished the simulation at simulation time: 1400061.154427.

2.14.1 Given parameters

S_t	S_e	S_c	S_b
0	0	0.6	0

2.14.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00228	0

D_t	D_e	D_c	D_b
0	0	0.6	0

U_t	U_e	U_c	U_b
0	0	0.00137	0

Total Utlization Factor = 0.00137

R_t	R_e	R_c	R_b
0	0	0.601	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00222	0

D_t	D_e	D_c	D_b
0	0	0.6	0

U_t	U_e	U_c	U_b
0	0	0.00133	0

Total Utlization Factor = 0.00133

R_t	R_e	R_c	R_b
0	0	0.602	0

2.15 Actuator 69

This actuator is of Type0
This element finished the simulation at simulation time: 1400076.002399.

2.15.1 Given parameters

S_t	S_e	S_c	S_b
0	0	0.6	0

2.15.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00228	0

D_t	D_e	D_c	D_b
0	0	0.6	0

U_t	U_e	U_c	U_b
0	0	0.00137	0

Total Utlization Factor = 0.00137

R_t	R_e	R_c	R_b
0	0	0.601	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0	0	0.0023	0

D_t	D_e	D_c	D_b
0	0	0.595	0

U_t	U_e	U_c	U_b
0	0	0.00137	0

Total Utlization Factor = 0.00137

R_t	R_e	R_c	R_b
0	0	0.596	0

2.16 Actuator 76

This actuator is of Type0
This element finished the simulation at simulation time: 1399762.413658.

2.16.1 Given parameters

S_t	S_e	S_c	S_b
0	0	0.6	0

2.16.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00228	0

D_t	D_e	D_c	D_b
0	0	0.6	0

U_t	U_e	U_c	U_b
0	0	0.00137	0

Total Utlization Factor = 0.00137

R_t	R_e	R_c	R_b
0	0	0.601	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00229	0

D_t	D_e	D_c	D_b
0	0	0.585	0

U_t	U_e	U_c	U_b
0	0	0.00134	0

Total Utlization Factor = 0.00134

R_t	R_e	R_c	R_b
0	0	0.587	0

2.17 Actuator 83

This actuator is of Type0
This element finished the simulation at simulation time: 1399955.724473.

2.17.1 Given parameters

S_t	S_e	S_c	S_b
0	0	0.6	0

2.17.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00228	0

D_t	D_e	D_c	D_b
0	0	0.6	0

U_t	U_e	U_c	U_b
0	0	0.00137	0

Total Utlization Factor = 0.00137

R_t	R_e	R_c	R_b
0	0	0.601	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00223	0

D_t	D_e	D_c	D_b
0	0	0.588	0

U_t	U_e	U_c	U_b
0	0	0.00131	0

Total Utlization Factor = 0.00131

R_t	R_e	R_c	R_b
0	0	0.589	0

2.18 Actuator 90

This actuator is of Type0
This element finished the simulation at simulation time: 1400049.901097.

2.18.1 Given parameters

S_t	S_e	S_c	S_b
0	0	0.6	0

2.18.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00228	0

D_t	D_e	D_c	D_b
0	0	0.6	0

U_t	U_e	U_c	U_b
0	0	0.00137	0

Total Utlization Factor = 0.00137

R_t	R_e	R_c	R_b
0	0	0.601	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00236	0

D_t	D_e	D_c	D_b
0	0	0.615	0

U_t	U_e	U_c	U_b
0	0	0.00145	0

Total Utlization Factor = 0.00145

R_t	R_e	R_c	R_b
0	0	0.617	0

2.19 Actuator 97

This actuator is of Type0
This element finished the simulation at simulation time: 1399760.683405.

2.19.1 Given parameters

S_t	S_e	S_c	S_b
0	0	0.6	0

2.19.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00228	0

D_t	D_e	D_c	D_b
0	0	0.6	0

U_t	U_e	U_c	U_b
0	0	0.00137	0

Total Utlization Factor = 0.00137

R_t	R_e	R_c	R_b
0	0	0.601	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00224	0

D_t	D_e	D_c	D_b
0	0	0.594	0

U_t	U_e	U_c	U_b
0	0	0.00133	0

Total Utlization Factor = 0.00133

R_t	R_e	R_c	R_b
0	0	0.596	0

2.20 Actuator 104

This actuator is of Type0
This element finished the simulation at simulation time: 1399833.200225.

2.20.1 Given parameters

S_t	S_e	S_c	S_b
0	0	0.6	0

2.20.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00228	0

D_t	D_e	D_c	D_b
0	0	0.6	0

U_t	U_e	U_c	U_b
0	0	0.00137	0

Total Utlization Factor = 0.00137

R_t	R_e	R_c	R_b
0	0	0.601	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00221	0

D_t	D_e	D_c	D_b
0	0	0.579	0

U_t	U_e	U_c	U_b
0	0	0.00128	0

Total Utlization Factor = 0.00128

R_t	R_e	R_c	R_b
0	0	0.58	0

2.21 Actuator 111

This actuator is of Type0
This element finished the simulation at simulation time: 1399793.879333.

2.21.1 Given parameters

S_t	S_e	S_c	S_b
0	0	0.6	0

2.21.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00228	0

D_t	D_e	D_c	D_b
0	0	0.6	0

U_t	U_e	U_c	U_b
0	0	0.00137	0

Total Utlization Factor = 0.00137

R_t	R_e	R_c	R_b
0	0	0.601	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00226	0

D_t	D_e	D_c	D_b
0	0	0.614	0

U_t	U_e	U_c	U_b
0	0	0.00138	0

Total Utlization Factor = 0.00138

R_t	R_e	R_c	R_b
0	0	0.615	0

2.22 Actuator 118

This actuator is of Type0
This element finished the simulation at simulation time: 1399867.573021.

2.22.1 Given parameters

S_t	S_e	S_c	S_b
0	0	0.6	0

2.22.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00228	0

D_t	D_e	D_c	D_b
0	0	0.6	0

U_t	U_e	U_c	U_b
0	0	0.00137	0

Total Utlization Factor = 0.00137

R_t	R_e	R_c	R_b
0	0	0.601	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0	0	0.0023	0

D_t	D_e	D_c	D_b
0	0	0.588	0

U_t	U_e	U_c	U_b
0	0	0.00135	0

Total Utlization Factor = 0.00135

R_t	R_e	R_c	R_b
0	0	0.589	0

2.23 Actuator 125

This actuator is of Type0
This element finished the simulation at simulation time: 1399890.930657.

2.23.1 Given parameters

S_t	S_e	S_c	S_b
0	0	0.6	0

2.23.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00228	0

D_t	D_e	D_c	D_b
0	0	0.6	0

U_t	U_e	U_c	U_b
0	0	0.00137	0

Total Utlization Factor = 0.00137

R_t	R_e	R_c	R_b
0	0	0.601	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00233	0

D_t	D_e	D_c	D_b
0	0	0.591	0

U_t	U_e	U_c	U_b
0	0	0.00137	0

Total Utlization Factor = 0.00137

R_t	R_e	R_c	R_b
0	0	0.591	0

2.24 Actuator 132

This actuator is of Type0
This element finished the simulation at simulation time: 1399852.814208.

2.24.1 Given parameters

S_t	S_e	S_c	S_b
0	0	0.6	0

2.24.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00228	0

D_t	D_e	D_c	D_b
0	0	0.6	0

U_t	U_e	U_c	U_b
0	0	0.00137	0

Total Utlization Factor = 0.00137

R_t	R_e	R_c	R_b
0	0	0.601	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00226	0

D_t	D_e	D_c	D_b
0	0	0.595	0

U_t	U_e	U_c	U_b
0	0	0.00135	0

Total Utlization Factor = 0.00135

R_t	R_e	R_c	R_b
0	0	0.596	0

2.25 Actuator 139

This actuator is of Type0
This element finished the simulation at simulation time: 1400074.291909.

2.25.1 Given parameters

S_t	S_e	S_c	S_b
0	0	0.6	0

2.25.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00228	0

D_t	D_e	D_c	D_b
0	0	0.6	0

U_t	U_e	U_c	U_b
0	0	0.00137	0

Total Utlization Factor = 0.00137

R_t	R_e	R_c	R_b
0	0	0.601	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00215	0

D_t	D_e	D_c	D_b
0	0	0.601	0

U_t	U_e	U_c	U_b
0	0	0.00129	0

Total Utlization Factor = 0.00129

R_t	R_e	R_c	R_b
0	0	0.601	0

2.26 Actuator 146

This actuator is of Type0
This element finished the simulation at simulation time: 1399987.742269.

2.26.1 Given parameters

S_t	S_e	S_c	S_b
0	0	0.6	0

2.26.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00228	0

D_t	D_e	D_c	D_b
0	0	0.6	0

U_t	U_e	U_c	U_b
0	0	0.00137	0

Total Utlization Factor = 0.00137

R_t	R_e	R_c	R_b
0	0	0.601	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00223	0

D_t	D_e	D_c	D_b
0	0	0.595	0

U_t	U_e	U_c	U_b
0	0	0.00133	0

Total Utlization Factor = 0.00133

R_t	R_e	R_c	R_b
0	0	0.596	0

2.27 Actuator 153

This actuator is of Type0
This element finished the simulation at simulation time: 1400022.206696.

2.27.1 Given parameters

S_t	S_e	S_c	S_b
0	0	0.6	0

2.27.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00228	0

D_t	D_e	D_c	D_b
0	0	0.6	0

U_t	U_e	U_c	U_b
0	0	0.00137	0

Total Utlization Factor = 0.00137

R_t	R_e	R_c	R_b
0	0	0.601	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0	0	0.0023	0

D_t	D_e	D_c	D_b
0	0	0.586	0

U_t	U_e	U_c	U_b
0	0	0.00135	0

Total Utlization Factor = 0.00135

R_t	R_e	R_c	R_b
0	0	0.588	0

2.28 Actuator 160

This actuator is of Type0
This element finished the simulation at simulation time: 1399866.739896.

2.28.1 Given parameters

S_t	S_e	S_c	S_b
0	0	0.6	0

2.28.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00228	0

D_t	D_e	D_c	D_b
0	0	0.6	0

U_t	U_e	U_c	U_b
0	0	0.00137	0

Total Utlization Factor = 0.00137

R_t	R_e	R_c	R_b
0	0	0.601	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00224	0

D_t	D_e	D_c	D_b
0	0	0.596	0

U_t	U_e	U_c	U_b
0	0	0.00133	0

Total Utlization Factor = 0.00133

R_t	R_e	R_c	R_b
0	0	0.596	0

2.29 Actuator 167

This actuator is of Type0
This element finished the simulation at simulation time: 1399812.051126.

2.29.1 Given parameters

S_t	S_e	S_c	S_b
0	0	0.6	0

2.29.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00228	0

D_t	D_e	D_c	D_b
0	0	0.6	0

U_t	U_e	U_c	U_b
0	0	0.00137	0

Total Utlization Factor = 0.00137

R_t	R_e	R_c	R_b
0	0	0.601	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0	0	0.0023	0

D_t	D_e	D_c	D_b
0	0	0.622	0

U_t	U_e	U_c	U_b
0	0	0.00143	0

Total Utlization Factor = 0.00143

R_t	R_e	R_c	R_b
0	0	0.623	0

2.30 Actuator 174

This actuator is of Type0
This element finished the simulation at simulation time: 1399834.840089.

2.30.1 Given parameters

S_t	S_e	S_c	S_b
0	0	0.6	0

2.30.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00228	0

D_t	D_e	D_c	D_b
0	0	0.6	0

U_t	U_e	U_c	U_b
0	0	0.00137	0

Total Utlization Factor = 0.00137

R_t	R_e	R_c	R_b
0	0	0.601	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00218	0

D_t	D_e	D_c	D_b
0	0	0.647	0

U_t	U_e	U_c	U_b
0	0	0.00141	0

Total Utlization Factor = 0.00141

R_t	R_e	R_c	R_b
0	0	0.65	0

2.31 Actuator 181

This actuator is of Type0
This element finished the simulation at simulation time: 1399966.573551.

2.31.1 Given parameters

S_t	S_e	S_c	S_b
0	0	0.6	0

2.31.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00228	0

D_t	D_e	D_c	D_b
0	0	0.6	0

U_t	U_e	U_c	U_b
0	0	0.00137	0

Total Utlization Factor = 0.00137

R_t	R_e	R_c	R_b
0	0	0.601	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00231	0

D_t	D_e	D_c	D_b
0	0	0.613	0

U_t	U_e	U_c	U_b
0	0	0.00142	0

Total Utlization Factor = 0.00142

R_t	R_e	R_c	R_b
0	0	0.614	0

2.32 Actuator 188

This actuator is of Type0
This element finished the simulation at simulation time: 1399555.383775.

2.32.1 Given parameters

S_t	S_e	S_c	S_b
0	0	0.6	0

2.32.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00228	0

D_t	D_e	D_c	D_b
0	0	0.6	0

U_t	U_e	U_c	U_b
0	0	0.00137	0

Total Utlization Factor = 0.00137

R_t	R_e	R_c	R_b
0	0	0.601	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00233	0

D_t	D_e	D_c	D_b
0	0	0.602	0

U_t	U_e	U_c	U_b
0	0	0.0014	0

Total Utlization Factor = 0.0014

R_t	R_e	R_c	R_b
0	0	0.602	0

2.33 Actuator 195

This actuator is of Type0
This element finished the simulation at simulation time: 1399792.174109.

2.33.1 Given parameters

S_t	S_e	S_c	S_b
0	0	0.6	0

2.33.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00228	0

D_t	D_e	D_c	D_b
0	0	0.6	0

U_t	U_e	U_c	U_b
0	0	0.00137	0

Total Utlization Factor = 0.00137

R_t	R_e	R_c	R_b
0	0	0.601	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00226	0

D_t	D_e	D_c	D_b
0	0	0.587	0

U_t	U_e	U_c	U_b
0	0	0.00133	0

Total Utlization Factor = 0.00133

R_t	R_e	R_c	R_b
0	0	0.587	0

2.34 Actuator 202

This actuator is of Type0
This element finished the simulation at simulation time: 1399854.887162.

2.34.1 Given parameters

S_t	S_e	S_c	S_b
0	0	0.6	0

2.34.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00228	0

D_t	D_e	D_c	D_b
0	0	0.6	0

U_t	U_e	U_c	U_b
0	0	0.00137	0

Total Utlization Factor = 0.00137

R_t	R_e	R_c	R_b
0	0	0.601	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00229	0

D_t	D_e	D_c	D_b
0	0	0.603	0

U_t	U_e	U_c	U_b
0	0	0.00138	0

Total Utlization Factor = 0.00138

R_t	R_e	R_c	R_b
0	0	0.603	0

2.35 Actuator 209

This actuator is of Type0
This element finished the simulation at simulation time: 1400042.627675.

2.35.1 Given parameters

S_t	S_e	S_c	S_b
0	0	0.6	0

2.35.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00228	0

D_t	D_e	D_c	D_b
0	0	0.6	0

U_t	U_e	U_c	U_b
0	0	0.00137	0

Total Utlization Factor = 0.00137

R_t	R_e	R_c	R_b
0	0	0.601	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00223	0

D_t	D_e	D_c	D_b
0	0	0.596	0

U_t	U_e	U_c	U_b
0	0	0.00133	0

Total Utlization Factor = 0.00133

R_t	R_e	R_c	R_b
0	0	0.597	0

2.36 Actuator 216

This actuator is of Type0
This element finished the simulation at simulation time: 1400047.645349.

2.36.1 Given parameters

S_t	S_e	S_c	S_b
0	0	0.6	0

2.36.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00228	0

D_t	D_e	D_c	D_b
0	0	0.6	0

U_t	U_e	U_c	U_b
0	0	0.00137	0

Total Utlization Factor = 0.00137

R_t	R_e	R_c	R_b
0	0	0.601	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00233	0

D_t	D_e	D_c	D_b
0	0	0.6	0

U_t	U_e	U_c	U_b
0	0	0.0014	0

Total Utlization Factor = 0.0014

R_t	R_e	R_c	R_b
0	0	0.601	0

2.37 Actuator 223

This actuator is of Type0
This element finished the simulation at simulation time: 1400069.906578.

2.37.1 Given parameters

S_t	S_e	S_c	S_b
0	0	0.6	0

2.37.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00228	0

D_t	D_e	D_c	D_b
0	0	0.6	0

U_t	U_e	U_c	U_b
0	0	0.00137	0

Total Utlization Factor = 0.00137

R_t	R_e	R_c	R_b
0	0	0.601	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00234	0

D_t	D_e	D_c	D_b
0	0	0.607	0

U_t	U_e	U_c	U_b
0	0	0.00142	0

Total Utlization Factor = 0.00142

R_t	R_e	R_c	R_b
0	0	0.608	0

2.38 Actuator 230

This actuator is of Type0
This element finished the simulation at simulation time: 1399844.420506.

2.38.1 Given parameters

S_t	S_e	S_c	S_b
0	0	0.6	0

2.38.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00228	0

D_t	D_e	D_c	D_b
0	0	0.6	0

U_t	U_e	U_c	U_b
0	0	0.00137	0

Total Utlization Factor = 0.00137

R_t	R_e	R_c	R_b
0	0	0.601	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00229	0

D_t	D_e	D_c	D_b
0	0	0.605	0

U_t	U_e	U_c	U_b
0	0	0.00139	0

Total Utlization Factor = 0.00139

R_t	R_e	R_c	R_b
0	0	0.606	0

2.39 Actuator 237

This actuator is of Type0
This element finished the simulation at simulation time: 1399688.778528.

2.39.1 Given parameters

S_t	S_e	S_c	S_b
0	0	0.6	0

2.39.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00228	0

D_t	D_e	D_c	D_b
0	0	0.6	0

U_t	U_e	U_c	U_b
0	0	0.00137	0

Total Utlization Factor = 0.00137

R_t	R_e	R_c	R_b
0	0	0.601	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0	0	0.0023	0

D_t	D_e	D_c	D_b
0	0	0.565	0

U_t	U_e	U_c	U_b
0	0	0.0013	0

Total Utlization Factor = 0.0013

R_t	R_e	R_c	R_b
0	0	0.567	0

2.40 Actuator 244

This actuator is of Type0
This element finished the simulation at simulation time: 1399986.234006.

2.40.1 Given parameters

S_t	S_e	S_c	S_b
0	0	0.6	0

2.40.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00228	0

D_t	D_e	D_c	D_b
0	0	0.6	0

U_t	U_e	U_c	U_b
0	0	0.00137	0

Total Utlization Factor = 0.00137

R_t	R_e	R_c	R_b
0	0	0.601	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00235	0

D_t	D_e	D_c	D_b
0	0	0.596	0

U_t	U_e	U_c	U_b
0	0	0.0014	0

Total Utlization Factor = 0.0014

R_t	R_e	R_c	R_b
0	0	0.599	0

2.41 Lan IN 250

This element finished the simulation at simulation time: 1400078.378125.

2.41.1 Given parameters

S_t	S_e	S_c	S_b
0	0	0.01	0

2.41.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00228	0

D_t	D_e	D_c	D_b
0	0	0.01	0

U_t	U_e	U_c	U_b
0	0	$2.28e-05$	0

Total Utlization Factor = $2.28e-05$

R_t	R_e	R_c	R_b
0	0	0.01	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00224	0

D_t	D_e	D_c	D_b
0	0	0.0098	0

U_t	U_e	U_c	U_b
0	0	$2.19e-05$	0

Total Utlization Factor = $2.19e-05$

R_t	R_e	R_c	R_b
0	0	0.0098	0

2.42 Lan OUT 250

2.42.1 Given parameters

S_t	S_e	S_c	S_b
0.02	0.02	0	0

2.42.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0.42	0.0084	0	0

D_t	D_e	D_c	D_b
0.02	0.02	0	0

U_t	U_e	U_c	U_b
0.0084	0.000168	0	0

Total Utlization Factor = 0.008568

R_t	R_e	R_c	R_b
0.0202	0.0202	0	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0.42	0.00839	0	0

D_t	D_e	D_c	D_b
0.02	0.0198	0	0

U_t	U_e	U_c	U_b
0.00839	0.000166	0	0

Total Utlization Factor = 0.008556

R_t	R_e	R_c	R_b
0.0201	0.02	0	0

2.43 Lan IN 251

This element finished the simulation at simulation time: 1400077.241811.

2.43.1 Given parameters

S_t	S_e	S_c	S_b
0	0	0.01	0

2.43.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00228	0

D_t	D_e	D_c	D_b
0	0	0.01	0

U_t	U_e	U_c	U_b
0	0	$2.28e-05$	0

Total Utlization Factor = $2.28e-05$

R_t	R_e	R_c	R_b
0	0	0.01	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00228	0

D_t	D_e	D_c	D_b
0	0	0.00987	0

U_t	U_e	U_c	U_b
0	0	$2.25e-05$	0

Total Utlization Factor = $2.25e-05$

R_t	R_e	R_c	R_b
0	0	0.00987	0

2.44 Lan OUT 251

2.44.1 Given parameters

S_t	S_e	S_c	S_b
0.02	0.02	0	0

2.44.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0.42	0.0084	0	0

D_t	D_e	D_c	D_b
0.02	0.02	0	0

U_t	U_e	U_c	U_b
0.0084	0.000168	0	0

Total Utlization Factor = 0.008568

R_t	R_e	R_c	R_b
0.0202	0.0202	0	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0.42	0.00847	0	0

D_t	D_e	D_c	D_b
0.02	0.0201	0	0

U_t	U_e	U_c	U_b
0.00841	0.00017	0	0

Total Utlization Factor = 0.00858

R_t	R_e	R_c	R_b
0.0202	0.0202	0	0

2.45 Lan IN 252

This element finished the simulation at simulation time: 1400076.10135.

2.45.1 Given parameters

S_t	S_e	S_c	S_b
0	0	0.01	0

2.45.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00228	0

D_t	D_e	D_c	D_b
0	0	0.01	0

U_t	U_e	U_c	U_b
0	0	$2.28e-05$	0

Total Utlization Factor = $2.28e-05$

R_t	R_e	R_c	R_b
0	0	0.01	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00223	0

D_t	D_e	D_c	D_b
0	0	0.01	0

U_t	U_e	U_c	U_b
0	0	$2.23e-05$	0

Total Utlization Factor = $2.23e-05$

R_t	R_e	R_c	R_b
0	0	0.01	0

2.46 Lan OUT 252

2.46.1 Given parameters

S_t	S_e	S_c	S_b
0.02	0.02	0	0

2.46.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0.42	0.0084	0	0

D_t	D_e	D_c	D_b
0.02	0.02	0	0

U_t	U_e	U_c	U_b
0.0084	0.000168	0	0

Total Utlization Factor = 0.008568

R_t	R_e	R_c	R_b
0.0202	0.0202	0	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0.42	0.00829	0	0

D_t	D_e	D_c	D_b
0.02	0.0203	0	0

U_t	U_e	U_c	U_b
0.0084	0.000168	0	0

Total Utlization Factor = 0.008568

R_t	R_e	R_c	R_b
0.0202	0.0205	0	0

2.47 Lan IN 253

This element finished the simulation at simulation time: 1400077.855375.

2.47.1 Given parameters

S_t	S_e	S_c	S_b
0	0	0.01	0

2.47.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00228	0

D_t	D_e	D_c	D_b
0	0	0.01	0

U_t	U_e	U_c	U_b
0	0	$2.28e-05$	0

Total Utlization Factor = $2.28e-05$

R_t	R_e	R_c	R_b
0	0	0.01	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00222	0

D_t	D_e	D_c	D_b
0	0	0.0103	0

U_t	U_e	U_c	U_b
0	0	$2.28e-05$	0

Total Utlization Factor = $2.28e-05$

R_t	R_e	R_c	R_b
0	0	0.0103	0

2.48 Lan OUT 253

2.48.1 Given parameters

S_t	S_e	S_c	S_b
0.02	0.02	0	0

2.48.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0.42	0.0084	0	0

D_t	D_e	D_c	D_b
0.02	0.02	0	0

U_t	U_e	U_c	U_b
0.0084	0.000168	0	0

Total Utlization Factor = 0.008568

R_t	R_e	R_c	R_b
0.0202	0.0202	0	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0.42	0.00848	0	0

D_t	D_e	D_c	D_b
0.02	0.02	0	0

U_t	U_e	U_c	U_b
0.00838	0.00017	0	0

Total Utlization Factor = 0.00855

R_t	R_e	R_c	R_b
0.0201	0.0202	0	0

2.49 Lan IN 254

This element finished the simulation at simulation time: 1400078.413033.

2.49.1 Given parameters

S_t	S_e	S_c	S_b
0	0	0.01	0

2.49.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00228	0

D_t	D_e	D_c	D_b
0	0	0.01	0

U_t	U_e	U_c	U_b
0	0	$2.28e-05$	0

Total Utlization Factor = $2.28e-05$

R_t	R_e	R_c	R_b
0	0	0.01	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00229	0

D_t	D_e	D_c	D_b
0	0	0.00999	0

U_t	U_e	U_c	U_b
0	0	$2.29e-05$	0

Total Utlization Factor = $2.29e-05$

R_t	R_e	R_c	R_b
0	0	0.00999	0

2.50 Lan OUT 254

2.50.1 Given parameters

S_t	S_e	S_c	S_b
0.02	0.02	0	0

2.50.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0.42	0.0084	0	0

D_t	D_e	D_c	D_b
0.02	0.02	0	0

U_t	U_e	U_c	U_b
0.0084	0.000168	0	0

Total Utlization Factor = 0.008568

R_t	R_e	R_c	R_b
0.0202	0.0202	0	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0.421	0.00845	0	0

D_t	D_e	D_c	D_b
0.02	0.0198	0	0

U_t	U_e	U_c	U_b
0.00841	0.000167	0	0

Total Utlization Factor = 0.008577

R_t	R_e	R_c	R_b
0.0201	0.02	0	0

2.51 Lan IN 255

This element finished the simulation at simulation time: 1400076.561036.

2.51.1 Given parameters

S_t	S_e	S_c	S_b
0	0	0.01	0

2.51.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00228	0

D_t	D_e	D_c	D_b
0	0	0.01	0

U_t	U_e	U_c	U_b
0	0	$2.28e-05$	0

Total Utlization Factor = $2.28e-05$

R_t	R_e	R_c	R_b
0	0	0.01	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00229	0

D_t	D_e	D_c	D_b
0	0	0.0102	0

U_t	U_e	U_c	U_b
0	0	$2.33e-05$	0

Total Utlization Factor = $2.33e-05$

R_t	R_e	R_c	R_b
0	0	0.0102	0

2.52 Lan OUT 255

2.52.1 Given parameters

S_t	S_e	S_c	S_b
0.02	0.02	0	0

2.52.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0.42	0.0084	0	0

D_t	D_e	D_c	D_b
0.02	0.02	0	0

U_t	U_e	U_c	U_b
0.0084	0.000168	0	0

Total Utlization Factor = 0.008568

R_t	R_e	R_c	R_b
0.0202	0.0202	0	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0.42	0.00847	0	0

D_t	D_e	D_c	D_b
0.02	0.0202	0	0

U_t	U_e	U_c	U_b
0.00842	0.000171	0	0

Total Utlization Factor = 0.008591

R_t	R_e	R_c	R_b
0.0202	0.0203	0	0

2.53 Lan IN 256

This element finished the simulation at simulation time: 1400077.610109.

2.53.1 Given parameters

S_t	S_e	S_c	S_b
0	0	0.01	0

2.53.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00228	0

D_t	D_e	D_c	D_b
0	0	0.01	0

U_t	U_e	U_c	U_b
0	0	$2.28e-05$	0

Total Utlization Factor = $2.28e-05$

R_t	R_e	R_c	R_b
0	0	0.01	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00223	0

D_t	D_e	D_c	D_b
0	0	0.01	0

U_t	U_e	U_c	U_b
0	0	$2.23e-05$	0

Total Utlization Factor = $2.23e-05$

R_t	R_e	R_c	R_b
0	0	0.01	0

2.54 Lan OUT 256

2.54.1 Given parameters

S_t	S_e	S_c	S_b
0.02	0.02	0	0

2.54.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0.42	0.0084	0	0

D_t	D_e	D_c	D_b
0.02	0.02	0	0

U_t	U_e	U_c	U_b
0.0084	0.000168	0	0

Total Utlization Factor = 0.008568

R_t	R_e	R_c	R_b
0.0202	0.0202	0	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0.421	0.00838	0	0

D_t	D_e	D_c	D_b
0.02	0.02	0	0

U_t	U_e	U_c	U_b
0.00841	0.000168	0	0

Total Utlization Factor = 0.008578

R_t	R_e	R_c	R_b
0.0202	0.0202	0	0

2.55 Lan IN 257

This element finished the simulation at simulation time: 1400078.906074.

2.55.1 Given parameters

S_t	S_e	S_c	S_b
0	0	0.01	0

2.55.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00228	0

D_t	D_e	D_c	D_b
0	0	0.01	0

U_t	U_e	U_c	U_b
0	0	$2.28e-05$	0

Total Utlization Factor = $2.28e-05$

R_t	R_e	R_c	R_b
0	0	0.01	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00236	0

D_t	D_e	D_c	D_b
0	0	0.00975	0

U_t	U_e	U_c	U_b
0	0	$2.3e-05$	0

Total Utlization Factor = $2.3e-05$

R_t	R_e	R_c	R_b
0	0	0.00975	0

2.56 Lan OUT 257

2.56.1 Given parameters

S_t	S_e	S_c	S_b
0.02	0.02	0	0

2.56.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0.42	0.0084	0	0

D_t	D_e	D_c	D_b
0.02	0.02	0	0

U_t	U_e	U_c	U_b
0.0084	0.000168	0	0

Total Utlization Factor = 0.008568

R_t	R_e	R_c	R_b
0.0202	0.0202	0	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0.42	0.0083	0	0

D_t	D_e	D_c	D_b
0.02	0.0201	0	0

U_t	U_e	U_c	U_b
0.00839	0.000167	0	0

Total Utlization Factor = 0.008557

R_t	R_e	R_c	R_b
0.0201	0.0203	0	0

2.57 Lan IN 258

This element finished the simulation at simulation time: 1400077.914152.

2.57.1 Given parameters

S_t	S_e	S_c	S_b
0	0	0.01	0

2.57.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00228	0

D_t	D_e	D_c	D_b
0	0	0.01	0

U_t	U_e	U_c	U_b
0	0	$2.28e-05$	0

Total Utlization Factor = $2.28e-05$

R_t	R_e	R_c	R_b
0	0	0.01	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00224	0

D_t	D_e	D_c	D_b
0	0	0.0101	0

U_t	U_e	U_c	U_b
0	0	$2.26e-05$	0

Total Utlization Factor = $2.26e-05$

R_t	R_e	R_c	R_b
0	0	0.0101	0

2.58 Lan OUT 258

2.58.1 Given parameters

S_t	S_e	S_c	S_b
0.02	0.02	0	0

2.58.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0.42	0.0084	0	0

D_t	D_e	D_c	D_b
0.02	0.02	0	0

U_t	U_e	U_c	U_b
0.0084	0.000168	0	0

Total Utlization Factor = 0.008568

R_t	R_e	R_c	R_b
0.0202	0.0202	0	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0.42	0.00839	0	0

D_t	D_e	D_c	D_b
0.02	0.02	0	0

U_t	U_e	U_c	U_b
0.00837	0.000168	0	0

Total Utlization Factor = 0.008538

R_t	R_e	R_c	R_b
0.0201	0.0202	0	0

2.59 Lan IN 259

This element finished the simulation at simulation time: 1400073.600428.

2.59.1 Given parameters

S_t	S_e	S_c	S_b
0	0	0.01	0

2.59.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00228	0

D_t	D_e	D_c	D_b
0	0	0.01	0

U_t	U_e	U_c	U_b
0	0	$2.28e-05$	0

Total Utlization Factor = $2.28e-05$

R_t	R_e	R_c	R_b
0	0	0.01	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0	0	0.0022	0

D_t	D_e	D_c	D_b
0	0	0.00986	0

U_t	U_e	U_c	U_b
0	0	$2.17e-05$	0

Total Utlization Factor = $2.17e-05$

R_t	R_e	R_c	R_b
0	0	0.00986	0

2.60 Lan OUT 259

2.60.1 Given parameters

S_t	S_e	S_c	S_b
0.02	0.02	0	0

2.60.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0.42	0.0084	0	0

D_t	D_e	D_c	D_b
0.02	0.02	0	0

U_t	U_e	U_c	U_b
0.0084	0.000168	0	0

Total Utlization Factor = 0.008568

R_t	R_e	R_c	R_b
0.0202	0.0202	0	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0.42	0.00829	0	0

D_t	D_e	D_c	D_b
0.0201	0.0197	0	0

U_t	U_e	U_c	U_b
0.00843	0.000164	0	0

Total Utlization Factor = 0.008594

R_t	R_e	R_c	R_b
0.0202	0.02	0	0

2.61 Lan IN 260

This element finished the simulation at simulation time: 1400075.130204.

2.61.1 Given parameters

S_t	S_e	S_c	S_b
0	0	0.01	0

2.61.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00228	0

D_t	D_e	D_c	D_b
0	0	0.01	0

U_t	U_e	U_c	U_b
0	0	$2.28e-05$	0

Total Utlization Factor = $2.28e-05$

R_t	R_e	R_c	R_b
0	0	0.01	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00226	0

D_t	D_e	D_c	D_b
0	0	0.00978	0

U_t	U_e	U_c	U_b
0	0	$2.21e-05$	0

Total Utlization Factor = $2.21e-05$

R_t	R_e	R_c	R_b
0	0	0.00978	0

2.62 Lan OUT 260

2.62.1 Given parameters

S_t	S_e	S_c	S_b
0.02	0.02	0	0

2.62.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0.42	0.0084	0	0

D_t	D_e	D_c	D_b
0.02	0.02	0	0

U_t	U_e	U_c	U_b
0.0084	0.000168	0	0

Total Utlization Factor = 0.008568

R_t	R_e	R_c	R_b
0.0202	0.0202	0	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0.421	0.0085	0	0

D_t	D_e	D_c	D_b
0.02	0.02	0	0

U_t	U_e	U_c	U_b
0.00843	0.00017	0	0

Total Utlization Factor = 0.0086

R_t	R_e	R_c	R_b
0.0202	0.0202	0	0

2.63 Lan IN 261

This element finished the simulation at simulation time: 1400078.586898.

2.63.1 Given parameters

S_t	S_e	S_c	S_b
0	0	0.01	0

2.63.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00228	0

D_t	D_e	D_c	D_b
0	0	0.01	0

U_t	U_e	U_c	U_b
0	0	$2.28e-05$	0

Total Utlization Factor = $2.28e-05$

R_t	R_e	R_c	R_b
0	0	0.01	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0	0	0.0023	0

D_t	D_e	D_c	D_b
0	0	0.0102	0

U_t	U_e	U_c	U_b
0	0	$2.35e-05$	0

Total Utlization Factor = $2.35e-05$

R_t	R_e	R_c	R_b
0	0	0.0102	0

2.64 Lan OUT 261

2.64.1 Given parameters

S_t	S_e	S_c	S_b
0.02	0.02	0	0

2.64.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0.42	0.0084	0	0

D_t	D_e	D_c	D_b
0.02	0.02	0	0

U_t	U_e	U_c	U_b
0.0084	0.000168	0	0

Total Utlization Factor = 0.008568

R_t	R_e	R_c	R_b
0.0202	0.0202	0	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0.42	0.00833	0	0

D_t	D_e	D_c	D_b
0.02	0.0203	0	0

U_t	U_e	U_c	U_b
0.00839	0.000169	0	0

Total Utlization Factor = 0.008559

R_t	R_e	R_c	R_b
0.0202	0.0204	0	0

2.65 Lan IN 262

This element finished the simulation at simulation time: 1400076.210529.

2.65.1 Given parameters

S_t	S_e	S_c	S_b
0	0	0.01	0

2.65.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00228	0

D_t	D_e	D_c	D_b
0	0	0.01	0

U_t	U_e	U_c	U_b
0	0	$2.28e-05$	0

Total Utlization Factor = $2.28e-05$

R_t	R_e	R_c	R_b
0	0	0.01	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00233	0

D_t	D_e	D_c	D_b
0	0	0.00995	0

U_t	U_e	U_c	U_b
0	0	$2.31e-05$	0

Total Utlization Factor = $2.31e-05$

R_t	R_e	R_c	R_b
0	0	0.00995	0

2.66 Lan OUT 262

2.66.1 Given parameters

S_t	S_e	S_c	S_b
0.02	0.02	0	0

2.66.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0.42	0.0084	0	0

D_t	D_e	D_c	D_b
0.02	0.02	0	0

U_t	U_e	U_c	U_b
0.0084	0.000168	0	0

Total Utlization Factor = 0.008568

R_t	R_e	R_c	R_b
0.0202	0.0202	0	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0.42	0.0084	0	0

D_t	D_e	D_c	D_b
0.02	0.0202	0	0

U_t	U_e	U_c	U_b
0.0084	0.000169	0	0

Total Utlization Factor = 0.008569

R_t	R_e	R_c	R_b
0.0202	0.0203	0	0

2.67 Lan IN 263

This element finished the simulation at simulation time: 1400078.493778.

2.67.1 Given parameters

S_t	S_e	S_c	S_b
0	0	0.01	0

2.67.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00228	0

D_t	D_e	D_c	D_b
0	0	0.01	0

U_t	U_e	U_c	U_b
0	0	$2.28e-05$	0

Total Utlization Factor = $2.28e-05$

R_t	R_e	R_c	R_b
0	0	0.01	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00227	0

D_t	D_e	D_c	D_b
0	0	0.00983	0

U_t	U_e	U_c	U_b
0	0	$2.23e-05$	0

Total Utlization Factor = $2.23e-05$

R_t	R_e	R_c	R_b
0	0	0.00983	0

2.68 Lan OUT 263

2.68.1 Given parameters

S_t	S_e	S_c	S_b
0.02	0.02	0	0

2.68.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0.42	0.0084	0	0

D_t	D_e	D_c	D_b
0.02	0.02	0	0

U_t	U_e	U_c	U_b
0.0084	0.000168	0	0

Total Utlization Factor = 0.008568

R_t	R_e	R_c	R_b
0.0202	0.0202	0	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0.42	0.00851	0	0

D_t	D_e	D_c	D_b
0.02	0.0201	0	0

U_t	U_e	U_c	U_b
0.00839	0.000171	0	0

Total Utlization Factor = 0.008561

R_t	R_e	R_c	R_b
0.0202	0.0203	0	0

2.69 Lan IN 264

This element finished the simulation at simulation time: 1400078.891724.

2.69.1 Given parameters

S_t	S_e	S_c	S_b
0	0	0.01	0

2.69.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00228	0

D_t	D_e	D_c	D_b
0	0	0.01	0

U_t	U_e	U_c	U_b
0	0	$2.28e-05$	0

Total Utlization Factor = $2.28e-05$

R_t	R_e	R_c	R_b
0	0	0.01	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00215	0

D_t	D_e	D_c	D_b
0	0	0.0102	0

U_t	U_e	U_c	U_b
0	0	$2.19e-05$	0

Total Utlization Factor = $2.19e-05$

R_t	R_e	R_c	R_b
0	0	0.0102	0

2.70 Lan OUT 264

2.70.1 Given parameters

S_t	S_e	S_c	S_b
0.02	0.02	0	0

2.70.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0.42	0.0084	0	0

D_t	D_e	D_c	D_b
0.02	0.02	0	0

U_t	U_e	U_c	U_b
0.0084	0.000168	0	0

Total Utlization Factor = 0.008568

R_t	R_e	R_c	R_b
0.0202	0.0202	0	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0.42	0.00852	0	0

D_t	D_e	D_c	D_b
0.02	0.0198	0	0

U_t	U_e	U_c	U_b
0.0084	0.000169	0	0

Total Utlization Factor = 0.008569

R_t	R_e	R_c	R_b
0.0202	0.02	0	0

2.71 Lan IN 265

This element finished the simulation at simulation time: 1400078.608819.

2.71.1 Given parameters

S_t	S_e	S_c	S_b
0	0	0.01	0

2.71.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00228	0

D_t	D_e	D_c	D_b
0	0	0.01	0

U_t	U_e	U_c	U_b
0	0	$2.28e-05$	0

Total Utlization Factor = $2.28e-05$

R_t	R_e	R_c	R_b
0	0	0.01	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00223	0

D_t	D_e	D_c	D_b
0	0	0.00991	0

U_t	U_e	U_c	U_b
0	0	$2.21e-05$	0

Total Utlization Factor = $2.21e-05$

R_t	R_e	R_c	R_b
0	0	0.00991	0

2.72 Lan OUT 265

2.72.1 Given parameters

S_t	S_e	S_c	S_b
0.02	0.02	0	0

2.72.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0.42	0.0084	0	0

D_t	D_e	D_c	D_b
0.02	0.02	0	0

U_t	U_e	U_c	U_b
0.0084	0.000168	0	0

Total Utlization Factor = 0.008568

R_t	R_e	R_c	R_b
0.0202	0.0202	0	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0.419	0.00845	0	0

D_t	D_e	D_c	D_b
0.02	0.02	0	0

U_t	U_e	U_c	U_b
0.00838	0.000169	0	0

Total Utlization Factor = 0.008549

R_t	R_e	R_c	R_b
0.0202	0.0202	0	0

2.73 Lan IN 266

This element finished the simulation at simulation time: 1400077.46108.

2.73.1 Given parameters

S_t	S_e	S_c	S_b
0	0	0.01	0

2.73.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00228	0

D_t	D_e	D_c	D_b
0	0	0.01	0

U_t	U_e	U_c	U_b
0	0	$2.28e-05$	0

Total Utlization Factor = $2.28e-05$

R_t	R_e	R_c	R_b
0	0	0.01	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0	0	0.0023	0

D_t	D_e	D_c	D_b
0	0	0.0104	0

U_t	U_e	U_c	U_b
0	0	$2.39e-05$	0

Total Utlization Factor = $2.39e-05$

R_t	R_e	R_c	R_b
0	0	0.0104	0

2.74 Lan OUT 266

2.74.1 Given parameters

S_t	S_e	S_c	S_b
0.02	0.02	0	0

2.74.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0.42	0.0084	0	0

D_t	D_e	D_c	D_b
0.02	0.02	0	0

U_t	U_e	U_c	U_b
0.0084	0.000168	0	0

Total Utlization Factor = 0.008568

R_t	R_e	R_c	R_b
0.0202	0.0202	0	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0.421	0.00831	0	0

D_t	D_e	D_c	D_b
0.02	0.0203	0	0

U_t	U_e	U_c	U_b
0.00841	0.000169	0	0

Total Utlization Factor = 0.008579

R_t	R_e	R_c	R_b
0.0202	0.0205	0	0

2.75 Lan IN 267

This element finished the simulation at simulation time: 1400077.99159.

2.75.1 Given parameters

S_t	S_e	S_c	S_b
0	0	0.01	0

2.75.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00228	0

D_t	D_e	D_c	D_b
0	0	0.01	0

U_t	U_e	U_c	U_b
0	0	$2.28e-05$	0

Total Utlization Factor = $2.28e-05$

R_t	R_e	R_c	R_b
0	0	0.01	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00224	0

D_t	D_e	D_c	D_b
0	0	0.00981	0

U_t	U_e	U_c	U_b
0	0	$2.2e-05$	0

Total Utlization Factor = $2.2e-05$

R_t	R_e	R_c	R_b
0	0	0.00981	0

2.76 Lan OUT 267

2.76.1 Given parameters

S_t	S_e	S_c	S_b
0.02	0.02	0	0

2.76.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0.42	0.0084	0	0

D_t	D_e	D_c	D_b
0.02	0.02	0	0

U_t	U_e	U_c	U_b
0.0084	0.000168	0	0

Total Utlization Factor = 0.008568

R_t	R_e	R_c	R_b
0.0202	0.0202	0	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0.419	0.0084	0	0

D_t	D_e	D_c	D_b
0.02	0.02	0	0

U_t	U_e	U_c	U_b
0.00839	0.000168	0	0

Total Utlization Factor = 0.008558

R_t	R_e	R_c	R_b
0.0202	0.0203	0	0

2.77 Lan IN 268

This element finished the simulation at simulation time: 1400077.166735.

2.77.1 Given parameters

S_t	S_e	S_c	S_b
0	0	0.01	0

2.77.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00228	0

D_t	D_e	D_c	D_b
0	0	0.01	0

U_t	U_e	U_c	U_b
0	0	$2.28e-05$	0

Total Utlization Factor = $2.28e-05$

R_t	R_e	R_c	R_b
0	0	0.01	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0	0	0.0023	0

D_t	D_e	D_c	D_b
0	0	0.0104	0

U_t	U_e	U_c	U_b
0	0	$2.39e-05$	0

Total Utlization Factor = $2.39e-05$

R_t	R_e	R_c	R_b
0	0	0.0104	0

2.78 Lan OUT 268

2.78.1 Given parameters

S_t	S_e	S_c	S_b
0.02	0.02	0	0

2.78.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0.42	0.0084	0	0

D_t	D_e	D_c	D_b
0.02	0.02	0	0

U_t	U_e	U_c	U_b
0.0084	0.000168	0	0

Total Utlization Factor = 0.008568

R_t	R_e	R_c	R_b
0.0202	0.0202	0	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0.419	0.00839	0	0

D_t	D_e	D_c	D_b
0.02	0.0197	0	0

U_t	U_e	U_c	U_b
0.00838	0.000166	0	0

Total Utlization Factor = 0.008546

R_t	R_e	R_c	R_b
0.0202	0.0199	0	0

2.79 Lan IN 269

This element finished the simulation at simulation time: 1400078.557603.

2.79.1 Given parameters

S_t	S_e	S_c	S_b
0	0	0.01	0

2.79.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00228	0

D_t	D_e	D_c	D_b
0	0	0.01	0

U_t	U_e	U_c	U_b
0	0	$2.28e-05$	0

Total Utlization Factor = $2.28e-05$

R_t	R_e	R_c	R_b
0	0	0.01	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00218	0

D_t	D_e	D_c	D_b
0	0	0.0106	0

U_t	U_e	U_c	U_b
0	0	$2.31e-05$	0

Total Utlization Factor = $2.31e-05$

R_t	R_e	R_c	R_b
0	0	0.0106	0

2.80 Lan OUT 269

2.80.1 Given parameters

S_t	S_e	S_c	S_b
0.02	0.02	0	0

2.80.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0.42	0.0084	0	0

D_t	D_e	D_c	D_b
0.02	0.02	0	0

U_t	U_e	U_c	U_b
0.0084	0.000168	0	0

Total Utlization Factor = 0.008568

R_t	R_e	R_c	R_b
0.0202	0.0202	0	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0.421	0.00826	0	0

D_t	D_e	D_c	D_b
0.02	0.0203	0	0

U_t	U_e	U_c	U_b
0.00841	0.000167	0	0

Total Utlization Factor = 0.008577

R_t	R_e	R_c	R_b
0.0202	0.0205	0	0

2.81 Lan IN 270

This element finished the simulation at simulation time: 1400075.956784.

2.81.1 Given parameters

S_t	S_e	S_c	S_b
0	0	0.01	0

2.81.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00228	0

D_t	D_e	D_c	D_b
0	0	0.01	0

U_t	U_e	U_c	U_b
0	0	$2.28e-05$	0

Total Utlization Factor = $2.28e-05$

R_t	R_e	R_c	R_b
0	0	0.01	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00231	0

D_t	D_e	D_c	D_b
0	0	0.00972	0

U_t	U_e	U_c	U_b
0	0	$2.25e-05$	0

Total Utlization Factor = $2.25e-05$

R_t	R_e	R_c	R_b
0	0	0.00972	0

2.82 Lan OUT 270

2.82.1 Given parameters

S_t	S_e	S_c	S_b
0.02	0.02	0	0

2.82.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0.42	0.0084	0	0

D_t	D_e	D_c	D_b
0.02	0.02	0	0

U_t	U_e	U_c	U_b
0.0084	0.000168	0	0

Total Utlization Factor = 0.008568

R_t	R_e	R_c	R_b
0.0202	0.0202	0	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0.421	0.00837	0	0

D_t	D_e	D_c	D_b
0.02	0.0198	0	0

U_t	U_e	U_c	U_b
0.00842	0.000166	0	0

Total Utlization Factor = 0.008586

R_t	R_e	R_c	R_b
0.0202	0.0199	0	0

2.83 Lan IN 271

This element finished the simulation at simulation time: 1400077.225178.

2.83.1 Given parameters

S_t	S_e	S_c	S_b
0	0	0.01	0

2.83.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00228	0

D_t	D_e	D_c	D_b
0	0	0.01	0

U_t	U_e	U_c	U_b
0	0	$2.28e-05$	0

Total Utlization Factor = $2.28e-05$

R_t	R_e	R_c	R_b
0	0	0.01	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00233	0

D_t	D_e	D_c	D_b
0	0	0.0102	0

U_t	U_e	U_c	U_b
0	0	$2.37e-05$	0

Total Utlization Factor = $2.37e-05$

R_t	R_e	R_c	R_b
0	0	0.0102	0

2.84 Lan OUT 271

2.84.1 Given parameters

S_t	S_e	S_c	S_b
0.02	0.02	0	0

2.84.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0.42	0.0084	0	0

D_t	D_e	D_c	D_b
0.02	0.02	0	0

U_t	U_e	U_c	U_b
0.0084	0.000168	0	0

Total Utlization Factor = 0.008568

R_t	R_e	R_c	R_b
0.0202	0.0202	0	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0.42	0.00845	0	0

D_t	D_e	D_c	D_b
0.02	0.02	0	0

U_t	U_e	U_c	U_b
0.0084	0.000169	0	0

Total Utlization Factor = 0.008569

R_t	R_e	R_c	R_b
0.0202	0.0202	0	0

2.85 Lan IN 272

This element finished the simulation at simulation time: 1400078.327944.

2.85.1 Given parameters

S_t	S_e	S_c	S_b
0	0	0.01	0

2.85.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00228	0

D_t	D_e	D_c	D_b
0	0	0.01	0

U_t	U_e	U_c	U_b
0	0	$2.28e-05$	0

Total Utlization Factor = $2.28e-05$

R_t	R_e	R_c	R_b
0	0	0.01	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00226	0

D_t	D_e	D_c	D_b
0	0	0.0103	0

U_t	U_e	U_c	U_b
0	0	$2.32e-05$	0

Total Utlization Factor = $2.32e-05$

R_t	R_e	R_c	R_b
0	0	0.0103	0

2.86 Lan OUT 272

2.86.1 Given parameters

S_t	S_e	S_c	S_b
0.02	0.02	0	0

2.86.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0.42	0.0084	0	0

D_t	D_e	D_c	D_b
0.02	0.02	0	0

U_t	U_e	U_c	U_b
0.0084	0.000168	0	0

Total Utlization Factor = 0.008568

R_t	R_e	R_c	R_b
0.0202	0.0202	0	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0.42	0.0084	0	0

D_t	D_e	D_c	D_b
0.02	0.0201	0	0

U_t	U_e	U_c	U_b
0.00841	0.000169	0	0

Total Utlization Factor = 0.008579

R_t	R_e	R_c	R_b
0.0202	0.0203	0	0

2.87 Lan IN 273

This element finished the simulation at simulation time: 1400078.936826.

2.87.1 Given parameters

S_t	S_e	S_c	S_b
0	0	0.01	0

2.87.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00228	0

D_t	D_e	D_c	D_b
0	0	0.01	0

U_t	U_e	U_c	U_b
0	0	$2.28e-05$	0

Total Utlization Factor = $2.28e-05$

R_t	R_e	R_c	R_b
0	0	0.01	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00229	0

D_t	D_e	D_c	D_b
0	0	0.0102	0

U_t	U_e	U_c	U_b
0	0	$2.33e-05$	0

Total Utlization Factor = $2.33e-05$

R_t	R_e	R_c	R_b
0	0	0.0102	0

2.88 Lan OUT 273

2.88.1 Given parameters

S_t	S_e	S_c	S_b
0.02	0.02	0	0

2.88.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0.42	0.0084	0	0

D_t	D_e	D_c	D_b
0.02	0.02	0	0

U_t	U_e	U_c	U_b
0.0084	0.000168	0	0

Total Utlization Factor = 0.008568

R_t	R_e	R_c	R_b
0.0202	0.0202	0	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0.42	0.00844	0	0

D_t	D_e	D_c	D_b
0.02	0.0197	0	0

U_t	U_e	U_c	U_b
0.00839	0.000166	0	0

Total Utlization Factor = 0.008556

R_t	R_e	R_c	R_b
0.0201	0.0198	0	0

2.89 Lan IN 274

This element finished the simulation at simulation time: 1400077.051819.

2.89.1 Given parameters

S_t	S_e	S_c	S_b
0	0	0.01	0

2.89.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00228	0

D_t	D_e	D_c	D_b
0	0	0.01	0

U_t	U_e	U_c	U_b
0	0	$2.28e-05$	0

Total Utlization Factor = $2.28e-05$

R_t	R_e	R_c	R_b
0	0	0.01	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00223	0

D_t	D_e	D_c	D_b
0	0	0.00993	0

U_t	U_e	U_c	U_b
0	0	$2.22e-05$	0

Total Utlization Factor = $2.22e-05$

R_t	R_e	R_c	R_b
0	0	0.00993	0

2.90 Lan OUT 274

2.90.1 Given parameters

S_t	S_e	S_c	S_b
0.02	0.02	0	0

2.90.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0.42	0.0084	0	0

D_t	D_e	D_c	D_b
0.02	0.02	0	0

U_t	U_e	U_c	U_b
0.0084	0.000168	0	0

Total Utlization Factor = 0.008568

R_t	R_e	R_c	R_b
0.0202	0.0202	0	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0.418	0.00833	0	0

D_t	D_e	D_c	D_b
0.02	0.0201	0	0

U_t	U_e	U_c	U_b
0.00838	0.000167	0	0

Total Utlization Factor = 0.008547

R_t	R_e	R_c	R_b
0.0202	0.0203	0	0

2.91 Lan IN 275

This element finished the simulation at simulation time: 1400075.042115.

2.91.1 Given parameters

S_t	S_e	S_c	S_b
0	0	0.01	0

2.91.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00228	0

D_t	D_e	D_c	D_b
0	0	0.01	0

U_t	U_e	U_c	U_b
0	0	$2.28e-05$	0

Total Utlization Factor = $2.28e-05$

R_t	R_e	R_c	R_b
0	0	0.01	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00233	0

D_t	D_e	D_c	D_b
0	0	0.0102	0

U_t	U_e	U_c	U_b
0	0	$2.39e-05$	0

Total Utlization Factor = $2.39e-05$

R_t	R_e	R_c	R_b
0	0	0.0102	0

2.92 Lan OUT 275

2.92.1 Given parameters

S_t	S_e	S_c	S_b
0.02	0.02	0	0

2.92.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0.42	0.0084	0	0

D_t	D_e	D_c	D_b
0.02	0.02	0	0

U_t	U_e	U_c	U_b
0.0084	0.000168	0	0

Total Utlization Factor = 0.008568

R_t	R_e	R_c	R_b
0.0202	0.0202	0	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0.42	0.00845	0	0

D_t	D_e	D_c	D_b
0.02	0.0201	0	0

U_t	U_e	U_c	U_b
0.00839	0.000169	0	0

Total Utlization Factor = 0.008559

R_t	R_e	R_c	R_b
0.0201	0.0202	0	0

2.93 Lan IN 276

This element finished the simulation at simulation time: 1400074.522332.

2.93.1 Given parameters

S_t	S_e	S_c	S_b
0	0	0.01	0

2.93.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00228	0

D_t	D_e	D_c	D_b
0	0	0.01	0

U_t	U_e	U_c	U_b
0	0	$2.28e-05$	0

Total Utlization Factor = $2.28e-05$

R_t	R_e	R_c	R_b
0	0	0.01	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00234	0

D_t	D_e	D_c	D_b
0	0	0.00982	0

U_t	U_e	U_c	U_b
0	0	$2.3e-05$	0

Total Utlization Factor = $2.3e-05$

R_t	R_e	R_c	R_b
0	0	0.00982	0

2.94 Lan OUT 276

2.94.1 Given parameters

S_t	S_e	S_c	S_b
0.02	0.02	0	0

2.94.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0.42	0.0084	0	0

D_t	D_e	D_c	D_b
0.02	0.02	0	0

U_t	U_e	U_c	U_b
0.0084	0.000168	0	0

Total Utlization Factor = 0.008568

R_t	R_e	R_c	R_b
0.0202	0.0202	0	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0.421	0.00844	0	0

D_t	D_e	D_c	D_b
0.02	0.0197	0	0

U_t	U_e	U_c	U_b
0.00842	0.000166	0	0

Total Utlization Factor = 0.008586

R_t	R_e	R_c	R_b
0.0202	0.0199	0	0

2.95 Lan IN 277

This element finished the simulation at simulation time: 1400078.623669.

2.95.1 Given parameters

S_t	S_e	S_c	S_b
0	0	0.01	0

2.95.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00228	0

D_t	D_e	D_c	D_b
0	0	0.01	0

U_t	U_e	U_c	U_b
0	0	$2.28e-05$	0

Total Utlization Factor = $2.28e-05$

R_t	R_e	R_c	R_b
0	0	0.01	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00229	0

D_t	D_e	D_c	D_b
0	0	0.00994	0

U_t	U_e	U_c	U_b
0	0	$2.28e-05$	0

Total Utlization Factor = $2.28e-05$

R_t	R_e	R_c	R_b
0	0	0.00994	0

2.96 Lan OUT 277

2.96.1 Given parameters

S_t	S_e	S_c	S_b
0.02	0.02	0	0

2.96.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0.42	0.0084	0	0

D_t	D_e	D_c	D_b
0.02	0.02	0	0

U_t	U_e	U_c	U_b
0.0084	0.000168	0	0

Total Utlization Factor = 0.008568

R_t	R_e	R_c	R_b
0.0202	0.0202	0	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0.42	0.00835	0	0

D_t	D_e	D_c	D_b
0.02	0.0203	0	0

U_t	U_e	U_c	U_b
0.0084	0.000169	0	0

Total Utlization Factor = 0.008569

R_t	R_e	R_c	R_b
0.0202	0.0204	0	0

2.97 Lan IN 278

This element finished the simulation at simulation time: 1400078.884233.

2.97.1 Given parameters

S_t	S_e	S_c	S_b
0	0	0.01	0

2.97.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00228	0

D_t	D_e	D_c	D_b
0	0	0.01	0

U_t	U_e	U_c	U_b
0	0	$2.28e-05$	0

Total Utlization Factor = $2.28e-05$

R_t	R_e	R_c	R_b
0	0	0.01	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0	0	0.0023	0

D_t	D_e	D_c	D_b
0	0	0.01	0

U_t	U_e	U_c	U_b
0	0	$2.31e-05$	0

Total Utlization Factor = $2.31e-05$

R_t	R_e	R_c	R_b
0	0	0.01	0

2.98 Lan OUT 278

2.98.1 Given parameters

S_t	S_e	S_c	S_b
0.02	0.02	0	0

2.98.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0.42	0.0084	0	0

D_t	D_e	D_c	D_b
0.02	0.02	0	0

U_t	U_e	U_c	U_b
0.0084	0.000168	0	0

Total Utlization Factor = 0.008568

R_t	R_e	R_c	R_b
0.0202	0.0202	0	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0.421	0.00844	0	0

D_t	D_e	D_c	D_b
0.02	0.0204	0	0

U_t	U_e	U_c	U_b
0.00843	0.000172	0	0

Total Utlization Factor = 0.008602

R_t	R_e	R_c	R_b
0.0202	0.0206	0	0

2.99 Lan IN 279

This element finished the simulation at simulation time: 1400078.269515.

2.99.1 Given parameters

S_t	S_e	S_c	S_b
0	0	0.01	0

2.99.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00228	0

D_t	D_e	D_c	D_b
0	0	0.01	0

U_t	U_e	U_c	U_b
0	0	$2.28e-05$	0

Total Utlization Factor = $2.28e-05$

R_t	R_e	R_c	R_b
0	0	0.01	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00235	0

D_t	D_e	D_c	D_b
0	0	0.0102	0

U_t	U_e	U_c	U_b
0	0	$2.4e-05$	0

Total Utlization Factor = $2.4e-05$

R_t	R_e	R_c	R_b
0	0	0.0102	0

2.100 Lan OUT 279

2.100.1 Given parameters

S_t	S_e	S_c	S_b
0.02	0.02	0	0

2.100.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0.42	0.0084	0	0

D_t	D_e	D_c	D_b
0.02	0.02	0	0

U_t	U_e	U_c	U_b
0.0084	0.000168	0	0

Total Utlization Factor = 0.008568

R_t	R_e	R_c	R_b
0.0202	0.0202	0	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0.42	0.00862	0	0

D_t	D_e	D_c	D_b
0.02	0.0199	0	0

U_t	U_e	U_c	U_b
0.00839	0.000171	0	0

Total Utlization Factor = 0.008561

R_t	R_e	R_c	R_b
0.0202	0.0201	0	0