

Priority Queuing

Replications:1

Time Units:Hours

Key Performance Indicators

System	Average
Number Out	1,259,431

Priority Queuing

Replications: 1      Time Units: Hours

Entity

Time				
VA Time	Average	Half Width	Minimum Value	Maximum Value
Packet	0.00006512	0.000000023	0.00001667	0.00015628
NVA Time	Average	Half Width	Minimum Value	Maximum Value
Packet	0.00	0.000000000	0.00	0.00
Wait Time	Average	Half Width	Minimum Value	Maximum Value
Packet	0.00050210	(Correlated)	0.00	0.00431228
Transfer Time	Average	Half Width	Minimum Value	Maximum Value
Packet	0.00	0.000000000	0.00	0.00
Other Time	Average	Half Width	Minimum Value	Maximum Value
Packet	0.00	0.000000000	0.00	0.00
Total Time	Average	Half Width	Minimum Value	Maximum Value
Packet	0.00056722	(Correlated)	0.00001667	0.00438358
Other				
Number In	Value			
Packet	1259431.00			
Number Out	Value			
Packet	1259431.00			
WIP	Average	Half Width	Minimum Value	Maximum Value
Packet	29.7654	0.251878924	0.00	131.00

Priority Queuing

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Process

Time per Entity

VA Time Per Entity	Average	Half Width	Minimum Value	Maximum Value
Forward the Packets from Input to Output Links	0.00001667	(Correlated)	0.00001667	0.00001667
Transmission and Propagation Delay for A	0.00000472	0.000000007	0.00	0.00001343
Transmission and Propagation Delay for B	0.00000416	0.000000004	0.00	0.00000941
Transmission and Propagation Delay for C	0.00000444	(Correlated)	0.00000039	0.00000812
Transmission and Propagation Delay for X	0.00004724	0.000000070	0.00	0.00013463
Transmission and Propagation Delay for Y	0.00004165	0.000000031	0.00	0.00009075
Transmission and Propagation Delay for Z	0.00004445	0.000000023	0.00000640	0.00008097
Wait Time Per Entity	Average	Half Width	Minimum Value	Maximum Value
Forward the Packets from Input to Output Links	0.00011424	(Correlated)	0.00	0.00045606
Transmission and Propagation Delay for A	0.00005424	0.000000340	0.00	0.00022195
Transmission and Propagation Delay for B	0.00004346	0.000000205	0.00	0.00015995
Transmission and Propagation Delay for C	0.00004848	0.000000301	0.00	0.00019815
Transmission and Propagation Delay for X	0.00041047	0.000007049	0.00	0.00401258
Transmission and Propagation Delay for Y	0.00028399	0.000002837	0.00	0.00273267
Transmission and Propagation Delay for Z	0.00033300	0.000003135	0.00	0.00354377

Priority Queuing

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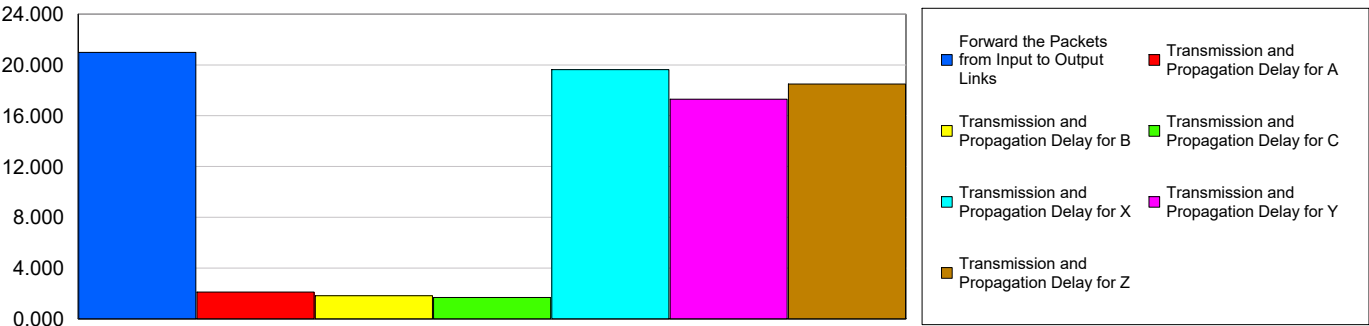
Process

Time per Entity

Total Time Per Entity	Average	Half Width	Minimum Value	Maximum Value
Forward the Packets from Input to Output Links	0.00013091	(Correlated)	0.00001667	0.00047273
Transmission and Propagation Delay for A	0.00005897	0.000000340	0.00	0.00022653
Transmission and Propagation Delay for B	0.00004762	0.000000205	0.00	0.00016366
Transmission and Propagation Delay for C	0.00005292	0.000000301	0.00000134	0.00020293
Transmission and Propagation Delay for X	0.00045771	0.000007064	0.00	0.00406241
Transmission and Propagation Delay for Y	0.00032564	0.000002838	0.00	0.00278275
Transmission and Propagation Delay for Z	0.00037745	0.000003128	0.00001129	0.00358466

Accumulated Time

Accum VA Time	Value
Forward the Packets from Input to Output Links	20.9905
Transmission and Propagation Delay for A	2.1048
Transmission and Propagation Delay for B	1.8151
Transmission and Propagation Delay for C	1.6799
Transmission and Propagation Delay for X	19.6233
Transmission and Propagation Delay for Y	17.3028
Transmission and Propagation Delay for Z	18.4982



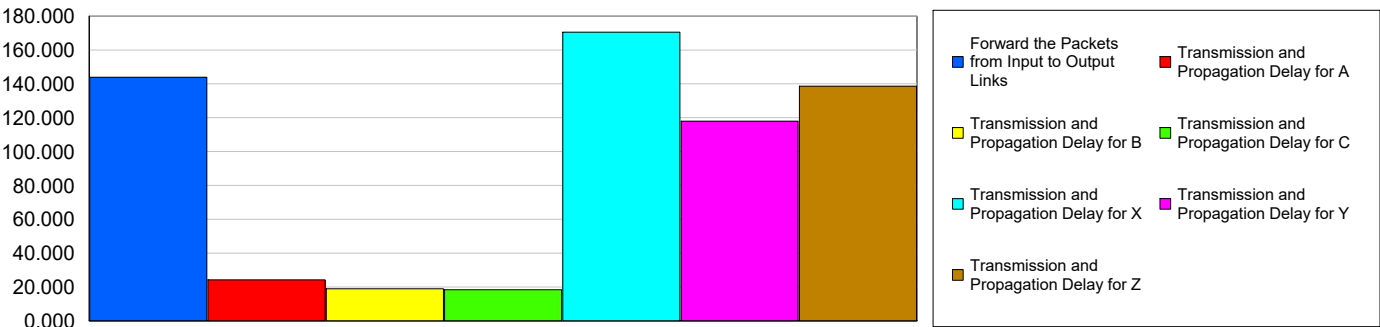
Priority Queuing

Replications: 1      Time Units: Hours

Process

Accumulated Time

Accum Wait Time	Value
Forward the Packets from Input to Output Links	143.88
Transmission and Propagation Delay for A	24.1666
Transmission and Propagation Delay for B	18.9488
Transmission and Propagation Delay for C	18.3209
Transmission and Propagation Delay for X	170.49
Transmission and Propagation Delay for Y	117.97
Transmission and Propagation Delay for Z	138.59



Other

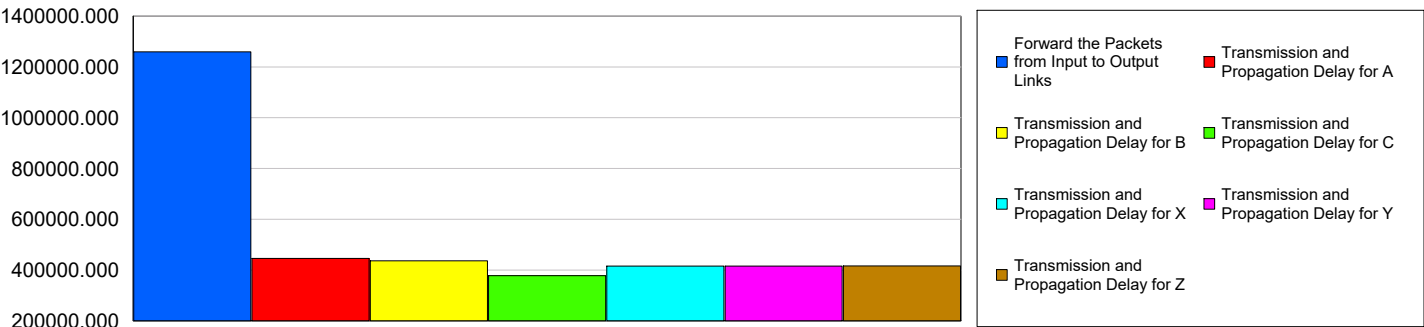
Priority Queuing

Replications: 1      Time Units: Hours

Process

Other

Number In	Value
Forward the Packets from Input to Output Links	1259431.00
Transmission and Propagation Delay for A	445509.00
Transmission and Propagation Delay for B	435988.00
Transmission and Propagation Delay for C	377934.00
Transmission and Propagation Delay for X	415358.00
Transmission and Propagation Delay for Y	415392.00
Transmission and Propagation Delay for Z	416169.00



Number Out	Value
Forward the Packets from Input to Output Links	1259431.00
Transmission and Propagation Delay for A	445509.00
Transmission and Propagation Delay for B	435988.00
Transmission and Propagation Delay for C	377934.00
Transmission and Propagation Delay for X	415358.00
Transmission and Propagation Delay for Y	415392.00
Transmission and Propagation Delay for Z	416169.00

Priority Queuing

Replications: 1      Time Units: Hours

Queue

Time

Waiting Time	Average	Half Width	Minimum Value	Maximum Value
Forward the Packets from Input to Output Links.Queue	0.00011424	(Correlated)	0.00	0.00045606
Transmission and Propagation Delay for A.Queue	0.00005424	0.000000340	0.00	0.00022195
Transmission and Propagation Delay for B.Queue	0.00004346	0.000000205	0.00	0.00015995
Transmission and Propagation Delay for C.Queue	0.00004848	0.000000301	0.00	0.00019815
Transmission and Propagation Delay for X.Queue	0.00041047	0.000007049	0.00	0.00401258
Transmission and Propagation Delay for Y.Queue	0.00028399	0.000002837	0.00	0.00273267
Transmission and Propagation Delay for Z.Queue	0.00033300	0.000003135	0.00	0.00354377

Other

Number Waiting	Average	Half Width	Minimum Value	Maximum Value
Forward the Packets from Input to Output Links.Queue	5.9948	0.036756836	0.00	82.0000
Transmission and Propagation Delay for A.Queue	1.0069	0.012204375	0.00	41.0000
Transmission and Propagation Delay for B.Queue	0.7895	0.006124191	0.00	35.0000
Transmission and Propagation Delay for C.Queue	0.7634	(Correlated)	0.00	43.0000
Transmission and Propagation Delay for X.Queue	7.1038	0.131193171	0.00	53.0000
Transmission and Propagation Delay for Y.Queue	4.9153	0.071069393	0.00	49.0000
Transmission and Propagation Delay for Z.Queue	5.7744	0.069696139	0.00	46.0000

Priority Queuing

Replications: 1      Time Units: Hours

Resource

Usage

Instantaneous Utilization	Average	Half Width	Minimum Value	Maximum Value
Output Port Output Link A	0.08770194	0.000539897	0.00	1.0000
Output Port Output Link B	0.07562868	0.000280015	0.00	1.0000
Output Port Output Link C	0.06999598	(Correlated)	0.00	1.0000
Output Port Output Link X	0.8176	0.003173884	0.00	1.0000
Output Port Output Link Y	0.7209	0.003194003	0.00	1.0000
Output Port Output Link Z	0.7708	0.002056494	0.00	1.0000
Router and Queue	0.2915	0.000787268	0.00	1.0000
Number Busy	Average	Half Width	Minimum Value	Maximum Value
Output Port Output Link A	0.08770194	0.000539897	0.00	1.0000
Output Port Output Link B	0.07562868	0.000280015	0.00	1.0000
Output Port Output Link C	0.06999598	(Correlated)	0.00	1.0000
Output Port Output Link X	0.8176	0.003173884	0.00	1.0000
Output Port Output Link Y	0.7209	0.003194003	0.00	1.0000
Output Port Output Link Z	0.7708	0.002056494	0.00	1.0000
Router and Queue	0.8746	0.002361804	0.00	3.0000
Number Scheduled	Average	Half Width	Minimum Value	Maximum Value
Output Port Output Link A	1.0000	(Insufficient)	1.0000	1.0000
Output Port Output Link B	1.0000	(Insufficient)	1.0000	1.0000
Output Port Output Link C	1.0000	(Insufficient)	1.0000	1.0000
Output Port Output Link X	1.0000	(Insufficient)	1.0000	1.0000
Output Port Output Link Y	1.0000	(Insufficient)	1.0000	1.0000
Output Port Output Link Z	1.0000	(Insufficient)	1.0000	1.0000
Router and Queue	3.0000	(Insufficient)	3.0000	3.0000



Priority Queuing

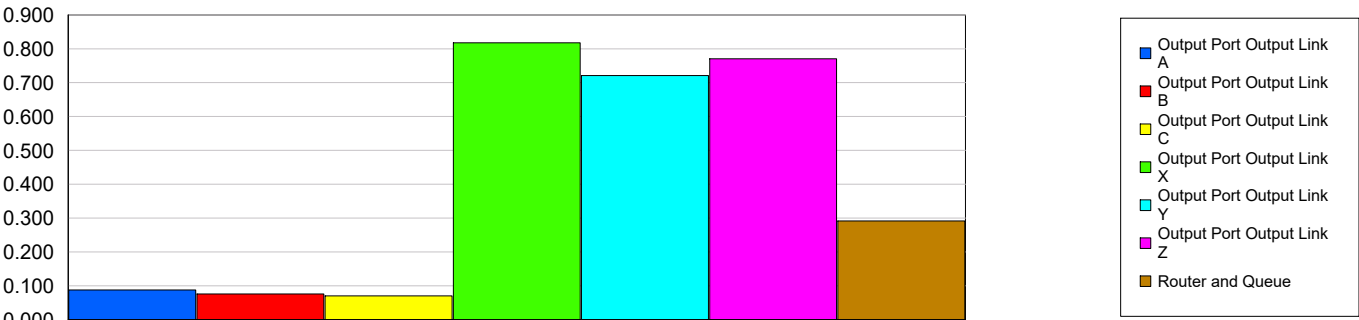
Replications: 1      Time Units: Hours

Resource

Usage

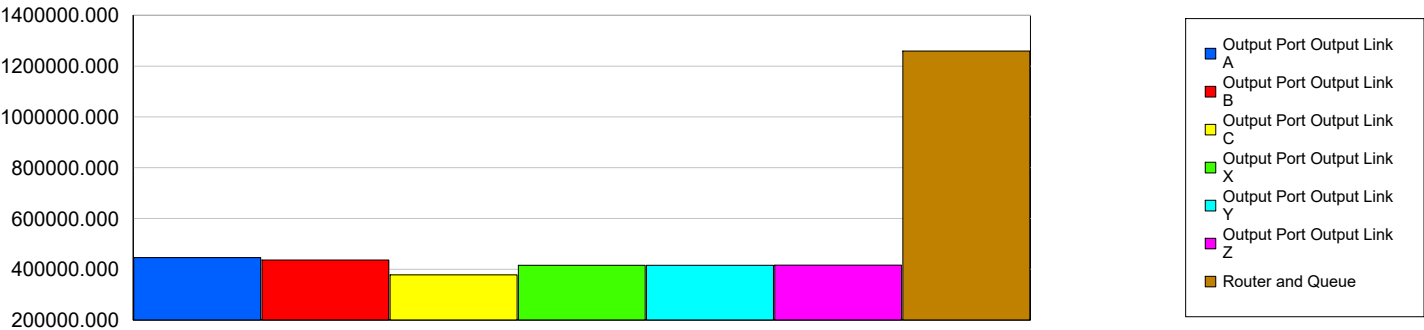
Scheduled Utilization      Value

Output Port Output Link A	0.08770194
Output Port Output Link B	0.07562868
Output Port Output Link C	0.06999598
Output Port Output Link X	0.8176
Output Port Output Link Y	0.7209
Output Port Output Link Z	0.7708
Router and Queue	0.2915



Total Number Seized      Value

Output Port Output Link A	445509.00
Output Port Output Link B	435988.00
Output Port Output Link C	377934.00
Output Port Output Link X	415358.00
Output Port Output Link Y	415392.00
Output Port Output Link Z	416169.00
Router and Queue	1259431.00



Unnamed Project

Replications:1

Time Units:Hours

Key Performance Indicators

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Unnamed Project

Replications:1Time Units:Hours

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Packet	0.00	0.000000000	0.00	0.00
Total Time	Average	Half Width	Minimum Value	Maximum Value
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Number In	Value			
Packet	1259431.00			
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WIP	Average	Half Width	Minimum Value	Maximum Value
Packet	29.7654	0.251878924	0.00	131.00

Unnamed Project

Replications:1Time Units:Hours

Queue

Time

Waiting Time	Average	Half Width	Minimum Value	Maximum Value
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Unnamed Project

Replications: 1

Time Units: Hours

Resource

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Instantaneous Utilization			Minimum	Maximum
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Output Port Output Link Z	0.7708	0.002056494	0.00	1.0000
Router and Queue	0.2915	0.000787268	0.00	1.0000
Number Busy			Minimum	Maximum
	Average	Half Width	Value	Value
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Output Port Output Link Z	0.7708	0.002056494	0.00	1.0000
Router and Queue	0.8746	0.002361804	0.00	3.0000
Number Scheduled			Minimum	Maximum
	Average	Half Width	Value	Value
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Output Port Output Link B	1.0000	(Insufficient)	1.0000	1.0000
Output Port Output Link C	1.0000	(Insufficient)	1.0000	1.0000
Output Port Output Link X	1.0000	(Insufficient)	1.0000	1.0000
Output Port Output Link Y	1.0000	(Insufficient)	1.0000	1.0000
Output Port Output Link Z	1.0000	(Insufficient)	1.0000	1.0000
Router and Queue	3.0000	(Insufficient)	3.0000	3.0000

Unnamed Project

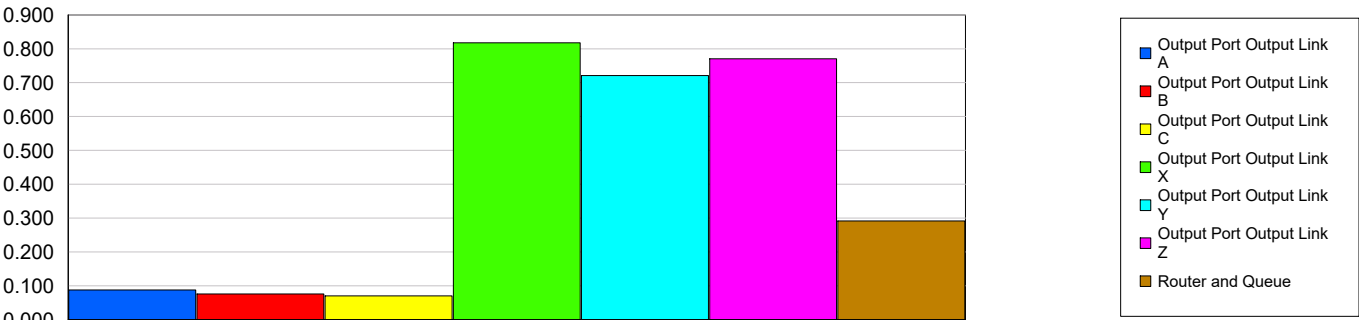
Replications: 1      Time Units: Hours

Resource

Usage

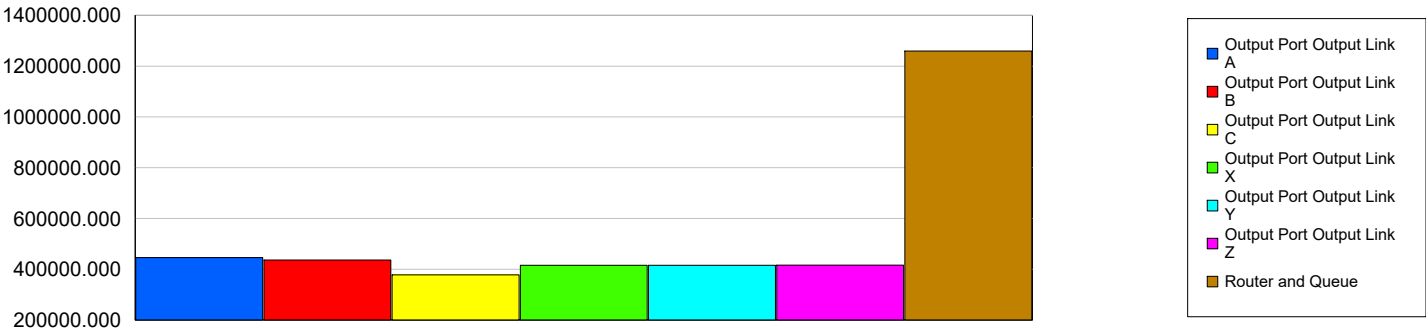
Scheduled Utilization      Value

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Output Port Output Link B	0.07562868
Output Port Output Link C	0.06999598
Output Port Output Link X	0.8176
Output Port Output Link Y	0.7209
Output Port Output Link Z	0.7708
Router and Queue	0.2915



Total Number Seized      Value

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Output Port Output Link X	415358.00
Output Port Output Link Y	415392.00
Output Port Output Link Z	416169.00
Router and Queue	1259431.00



Unnamed Project

Replications:1Time Units:Hours

User Specified

Tally

Between	Average	Half Width	Minimum Value	Maximum Value
Forwarding Time	0.00001906	(Correlated)	0.00	0.00100825
Packet Time A	0.00005387	0.000000352	0.00	0.00111111
Packet Time B	0.00005504	0.000000217	0.00	0.00111111
Packet Time C	0.00006350	0.000000334	0.00	0.00111111
Router Reach Time A	0.00005387	0.000000352	0.00	0.00110957
Router Reach Time B	0.00005505	0.000000218	0.00	0.00108476
Router Reach Time C	0.00006350	0.000000334	0.00000039	0.00111425
Router Reach Time X	0.00005778	0.000000194	0.00	0.00110709
Router Reach Time Y	0.00005778	0.000000274	0.00	0.00103963
Router Reach Time Z	0.00005767	0.000000150	0.000000640	0.00110827

Counter

Count	Value
Packet Counter A	445509.00
Packet Counter B	435988.00
Packet Counter C	377934.00

