NetSim ACAD

Version 13.0.29

assignment_2_a

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Network Scenario
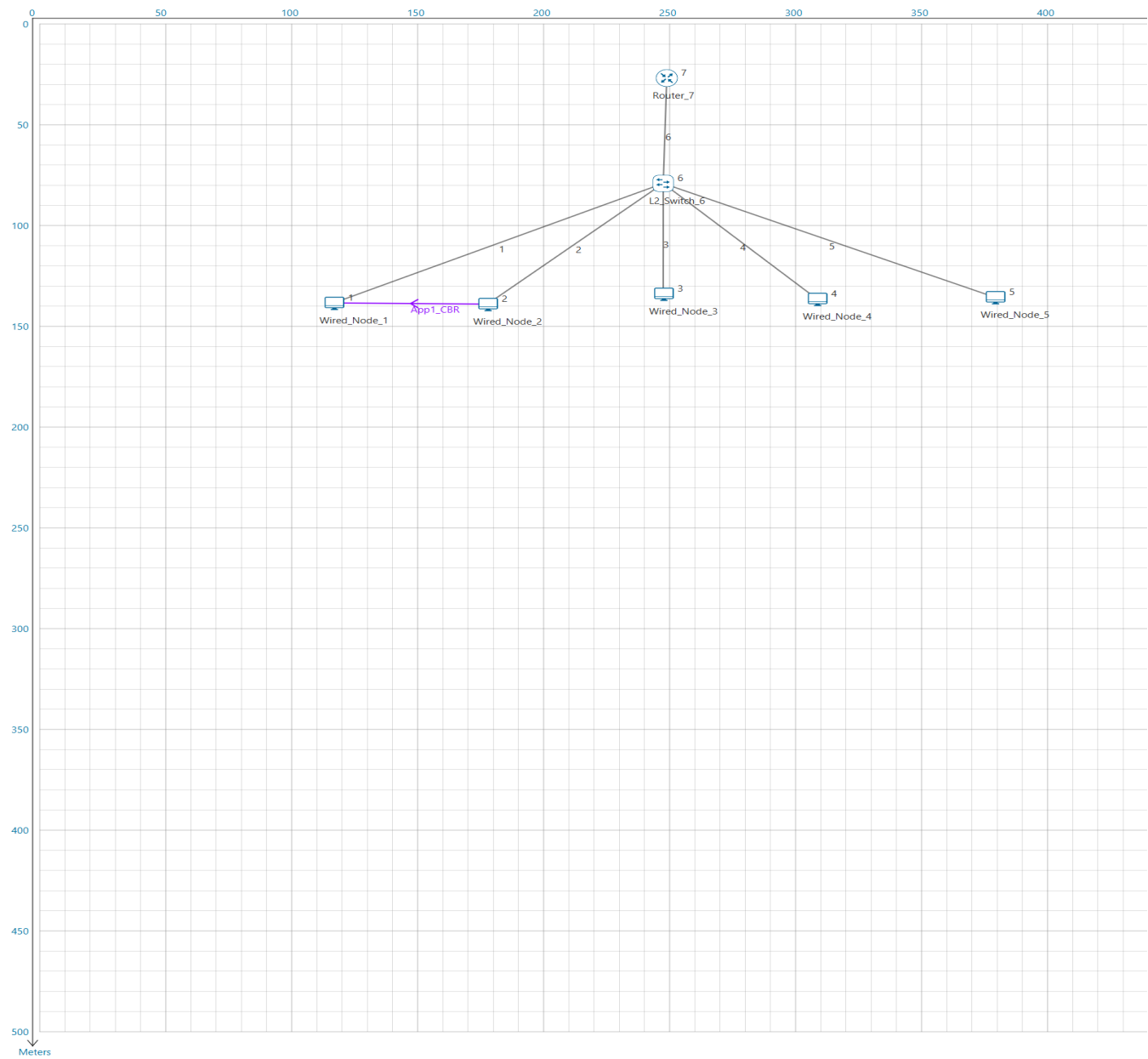
Link_Metrics

Link_id	Link_throughput_plot	Packet_transmitted		Packet_errored		Packet_collided		Bytes_transmitted(bytes)	Payload_transmitted(bytes)	Ov
		Data	Control	Data	Control	Data	Control			
All	NA	1005	1008	2	1	0	0	1600174	1464380	
1	NA	502	504	1	0	0	0	799324	731460	
2	NA	503	504	1	1	0	0	800850	732920	
3	NA	0	0	0	0	0	0	0	0	
4	NA	0	0	0	0	0	0	0	0	
5	NA	0	0	0	0	0	0	0	0	
6	NA	0	0	0	0	0	0	0	0	

Queue_Metrics

Device_id	Port_id	Queued_packet	Dequeued_packet	Dropped_packet

TCP_Metrics

Source	Destination	Local Address	Remote Address	Syn Sent	Syn-Ack Sent	Segment Sent	Segment Received	Segment
WIRED_NODE_1	ANY_DEVICE	11.1.1.2:0	0.0.0.0:0	0	0	0	0	
WIRED_NODE_2	ANY_DEVICE	11.1.1.3:0	0.0.0.0:0	0	0	0	0	
WIRED_NODE_3	ANY_DEVICE	11.1.1.4:0	0.0.0.0:0	0	0	0	0	
WIRED_NODE_4	ANY_DEVICE	11.1.1.5:0	0.0.0.0:0	0	0	0	0	
WIRED_NODE_5	ANY_DEVICE	11.1.1.6:0	0.0.0.0:0	0	0	0	0	
ROUTER_7	ANY_DEVICE	11.1.1.1:0	0.0.0.0:0	0	0	0	0	
WIRED_NODE_2	WIRED_NODE_1	11.1.1.3:82	11.1.1.2:36934	1	0	500	0	
WIRED_NODE_1	WIRED_NODE_2	11.1.1.2:36934	11.1.1.3:82	0	1	0	500	

IP_Metrics

Device Id	Packet sent	Packet forwarded	Packet received	Packet discarded	TTL expired	Firewall blocked
1	502	0	503	0	0	0
2	505	0	501	0	0	0
3	0	0	0	0	0	0
4	0	0	0	0	0	0
5	0	0	0	0	0	0
7	0	0	0	0	0	0

IP_Forwarding_Table

WIRED_NODE_1

Network Destination	Netmask/Prefix len	Gateway	Interface	Metrics	Type
11.1.0.0	255.255.0.0	on-link	11.1.1.2	300	LOCAL
224.0.0.1	255.255.255.255	on-link	11.1.1.2	306	MULTICAST
224.0.0.0	240.0.0.0	on-link	11.1.1.2	306	MULTICAST
255.255.255.255	255.255.255.255	on-link	11.1.1.2	999	BROADCAST
0.0.0.0	0.0.0.0	11.1.1.1	11.1.1.2	999	DEFAULT

WIRED_NODE_2

Network Destination	Netmask/Prefix len	Gateway	Interface	Metrics	Type
11.1.0.0	255.255.0.0	on-link	11.1.1.3	300	LOCAL
224.0.0.1	255.255.255.255	on-link	11.1.1.3	306	MULTICAST
224.0.0.0	240.0.0.0	on-link	11.1.1.3	306	MULTICAST
255.255.255.255	255.255.255.255	on-link	11.1.1.3	999	BROADCAST
0.0.0.0	0.0.0.0	11.1.1.1	11.1.1.3	999	DEFAULT

WIRED_NODE_3

Network Destination	Netmask/Prefix len	Gateway	Interface	Metrics	Type
11.1.0.0	255.255.0.0	on-link	11.1.1.4	300	LOCAL
224.0.0.1	255.255.255.255	on-link	11.1.1.4	306	MULTICAST
224.0.0.0	240.0.0.0	on-link	11.1.1.4	306	MULTICAST
255.255.255.255	255.255.255.255	on-link	11.1.1.4	999	BROADCAST
0.0.0.0	0.0.0.0	11.1.1.1	11.1.1.4	999	DEFAULT

WIRED_NODE_4

Network Destination	Netmask/Prefix len	Gateway	Interface	Metrics	Type
11.1.0.0	255.255.0.0	on-link	11.1.1.5	300	LOCAL
224.0.0.1	255.255.255.255	on-link	11.1.1.5	306	MULTICAST
224.0.0.0	240.0.0.0	on-link	11.1.1.5	306	MULTICAST
255.255.255.255	255.255.255.255	on-link	11.1.1.5	999	BROADCAST
0.0.0.0	0.0.0.0	11.1.1.1	11.1.1.5	999	DEFAULT

WIRED_NODE_5

Network Destination	Netmask/Prefix len	Gateway	Interface	Metrics	Type
11.1.0.0	255.255.0.0	on-link	11.1.1.6	300	LOCAL
224.0.0.1	255.255.255.255	on-link	11.1.1.6	306	MULTICAST
224.0.0.0	240.0.0.0	on-link	11.1.1.6	306	MULTICAST
255.255.255.255	255.255.255.255	on-link	11.1.1.6	999	BROADCAST
0.0.0.0	0.0.0.0	11.1.1.1	11.1.1.6	999	DEFAULT

ROUTER_7

Network Destination	Netmask/Prefix len	Gateway	Interface	Metrics	Type
11.1.0.0	255.255.0.0	on-link	11.1.1.1	300	LOCAL
224.0.0.1	255.255.255.255	on-link	11.1.1.1	306	MULTICAST
224.0.0.0	240.0.0.0	on-link	11.1.1.1	306	MULTICAST
255.255.255.255	255.255.255.255	on-link	11.1.1.1	999	BROADCAST

Switch Mac address table

L2_SWITCH_6

Mac Address	Type	OutPort
AF1D00000101	Dynamic	1
AF1D00000201	Dynamic	2
AF1D00000301	Dynamic	3
AF1D00000701	Dynamic	6

Application_Metrics

Application Id	Application Name	Source Id	Destination Id	Packet generated	Packet received	Payload generated (bytes)	Payload received (b
1	App1_CBR	2	1	500	500	730000	73

Application Id	Application Name	Source Id	Destination Id	Packet generated	Packet received	Payload generated (bytes)	Payload received (b
1	App1_CBR	2	1	500	500	730000	73