

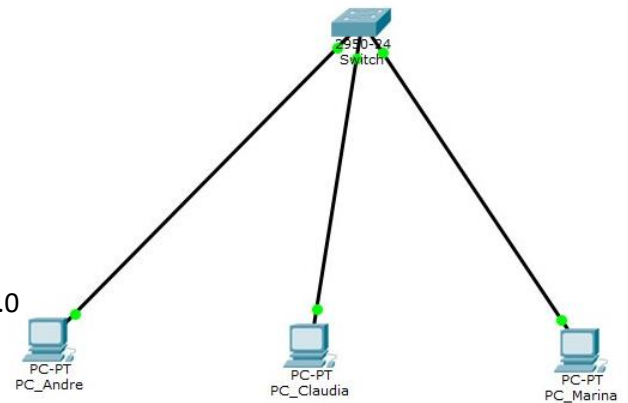
Creare una rete composta dalle seguenti postazioni:

PC_Andrea 10.0.1.20

PC_Claudia 10.0.1.22

PC_Marina 10.0.1.24

Connesse attraverso uno switch01. La SubnetMask è 255.255.0.0



Come primo passo andiamo a effettuare il ping tra PC_Claudia e PC_Marina.

Set View Background viewport

Simulation Panel

Event List

Vis.	Time(sec)	Last Device	At Device	Type	Info
	0.000	--	PC_Clau...	ICMP	
	0.004	--	PC_Clau...	ICMP	
	0.005	PC_Claudia	Switch1	ICMP	
	0.006	Switch1	PC_Marina	ICMP	
	0.007	PC_Marina	Switch1	ICMP	
	0.008	Switch1	PC_Clau...	ICMP	
	150.238	--	PC_Clau...	ICMP	
	150.239	PC_Claudia	Switch1	ICMP	

Reset Simulation ☒ Constant Delay Captured to: * 150.239 s

Play Controls

Back Auto Capture / Play Capture / Forward

Event List Filters - Visible Events

ICMP Edit Filters Show All/None

Simulation

Fire	Last Status	Source	Destination	Type	Color	Time(sec)	Periodic	Num
	--	PC_Cl...	PC_Marina	ICMP		150.279	N	0
	In Progress	PC_Cl...	PC_Marina	ICMP		150.238	N	1
	Successful	PC_Cl...	PC_Marina	ICMP		0.000	N	2

Come secondo passo effettuiamo il ping tra PC_Andrea e PC_Claudia

The screenshot displays the 'Simulation Panel' interface. The 'Event List' table shows the following data:

Vis.	Time(sec)	Last Device	At Device	Type	Info
	0.000	--	PC_Andr...	ICMP	
	0.004	--	PC_Andr...	ICMP	
	0.005	PC_Andre...	Switch1	ICMP	
	0.006	Switch1	PC_Clau...	ICMP	
	0.007	PC_Claudia	Switch1	ICMP	
	0.008	Switch1	PC_Andr...	ICMP	

Below the table, the 'Reset Simulation' button is visible, along with a checked 'Constant Delay' checkbox and a 'Captured to: 150.148 s' indicator. The 'Play Controls' section includes 'Back', 'Auto Capture / Play', and 'Capture / Forward' buttons. The 'Event List Filters - Visible Events' section shows 'ICMP' selected, with 'Edit Filters' and 'Show All/None' buttons.

At the bottom, a 'Simulation' panel shows the 'Event List' tab with the following data:

ire	Last Status	Source	Destination	Type	Color	Time(sec)	Periodic	Num
	Successful	PC_An...	PC_Claudia	ICMP		0.000	N	0

Si noti come, durante il primo ping tra Claudia e Maria, il messaggio una volta arrivato allo switch venga inoltrato a tutti gli elementi della rete. Dalla seconda volta in poi il ping verrà inoltrato dallo switch direttamente al pc interessato.