

Redes de Computadores – Atividade Avaliada 3

Valor 1.0 pontos

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Tarefas:

1 Especificações do projeto da Rede IPv6:

- 1.1) Informe o ID da Rede e o CIDR, após, defina 10 endereços de Hosts IPv6 que pertençam a rede informada “SEJA CRIATIVO”.

ID da REDE	2001:ABCD:ABCD::1	CIDR: 64
Host 1	2001:ABCD:ABCD::1	
Host 2	2001:ABCD:ABCD::2	
Host 3	2001:ABCD:ABCD::3	
Host 4	2001:ABCD:ABCD::4	
Host 5	2001:ABCD:ABCD::5	
Host 6	2001:ABCD:ABCD::6	
Host 7	2001:ABCD:ABCD::7	
Host 8	2001:ABCD:ABCD::8	
Host 9	2001:ABCD:ABCD::9	
Host 10	2001:ABCD:ABCD::10	

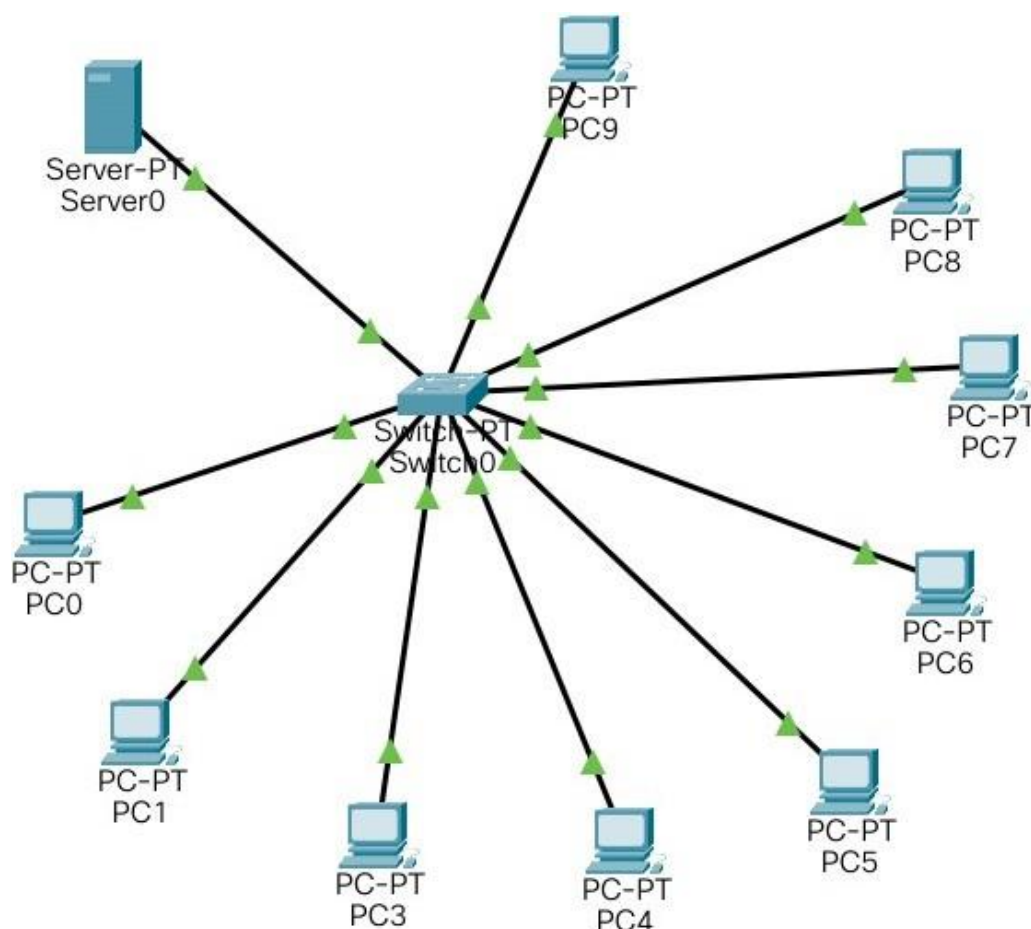


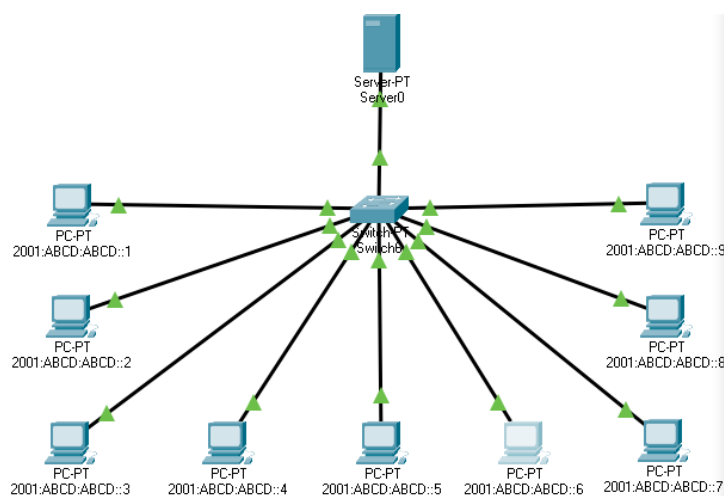
Figura 1: Em uma rede IPv6 (Insira 9 host e 1 Server)

- 2 No simulador Packet Tracer (".pkt"), monte um rede com 10 Hosts (1 Server), conectados por um switch (Figura 1), utilizando os parâmetros definidos na tabela 1.
 - 2.1) Realizar simulações com o comando Ping , enviando pacotes ICMP entre os hosts (coletar 3 printscreen). Realizar teste de Multicast (1 printscreen).
 - 2.2) Realize teste para acessar uma página Web no servidor por meio do Endereço IPv6. (Faça um printscreen)
- 3 Envie para AVA(Moodle) dois arquivos, um com a simulação no Packet Tracer (pkt), e um arquivo PDF com as especificações (Tabelas 1) e os testes de Ping realizados.

Entrega pelo Moodle até o dia 23/07/21

Bom trabalho!!!

PING



```
2001:ABCD:ABCD::6

Physical Config Desktop Programming Attributes

Command Prompt

Packet Tracer PC Command Line 1.0
C:\>ping 2001:ABCD:ABCD::10

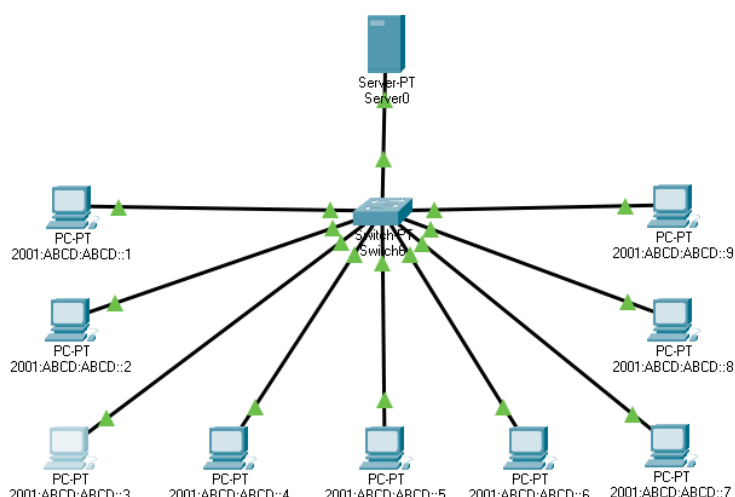
Pinging 2001:ABCD:ABCD::10 with 32 bytes of data:

Reply from 2001:ABCD:ABCD::10: bytes=32 time=1ms TTL=128
Reply from 2001:ABCD:ABCD::10: bytes=32 time=10ms TTL=128
Reply from 2001:ABCD:ABCD::10: bytes=32 time<1ms TTL=128
Reply from 2001:ABCD:ABCD::10: bytes=32 time=4ms TTL=128

Ping statistics for 2001:ABCD:ABCD::10:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 10ms, Average = 3ms

C:\>
```

PING



```
Physical Config Desktop Programming Attributes

Command Prompt

Packet Tracer PC Command Line 1.0
C:\>ping 2001:ABCD:ABCD::8

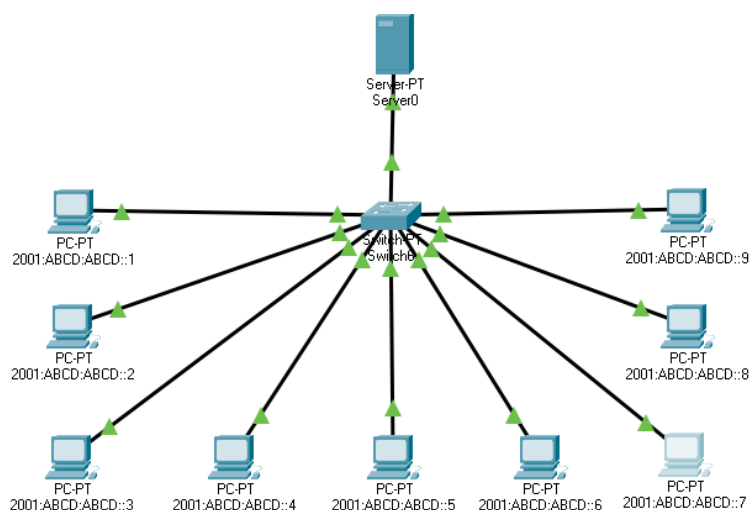
Pinging 2001:ABCD:ABCD::8 with 32 bytes of data:

Reply from 2001:ABCD:ABCD::8: bytes=32 time<1ms TTL=128
Reply from 2001:ABCD:ABCD::8: bytes=32 time<1ms TTL=128
Reply from 2001:ABCD:ABCD::8: bytes=32 time<1ms TTL=128
Reply from 2001:ABCD:ABCD::8: bytes=32 time=9ms TTL=128

Ping statistics for 2001:ABCD:ABCD::8:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 9ms, Average = 2ms

C:\>
```

PING



```
2001:ABCD:ABCD::7

Physical Config Desktop Programming Attributes

Command Prompt

Packet Tracer PC Command Line 1.0
C:\>ping 2001:ABCD:ABCD::5

Pinging 2001:ABCD:ABCD::5 with 32 bytes of data:

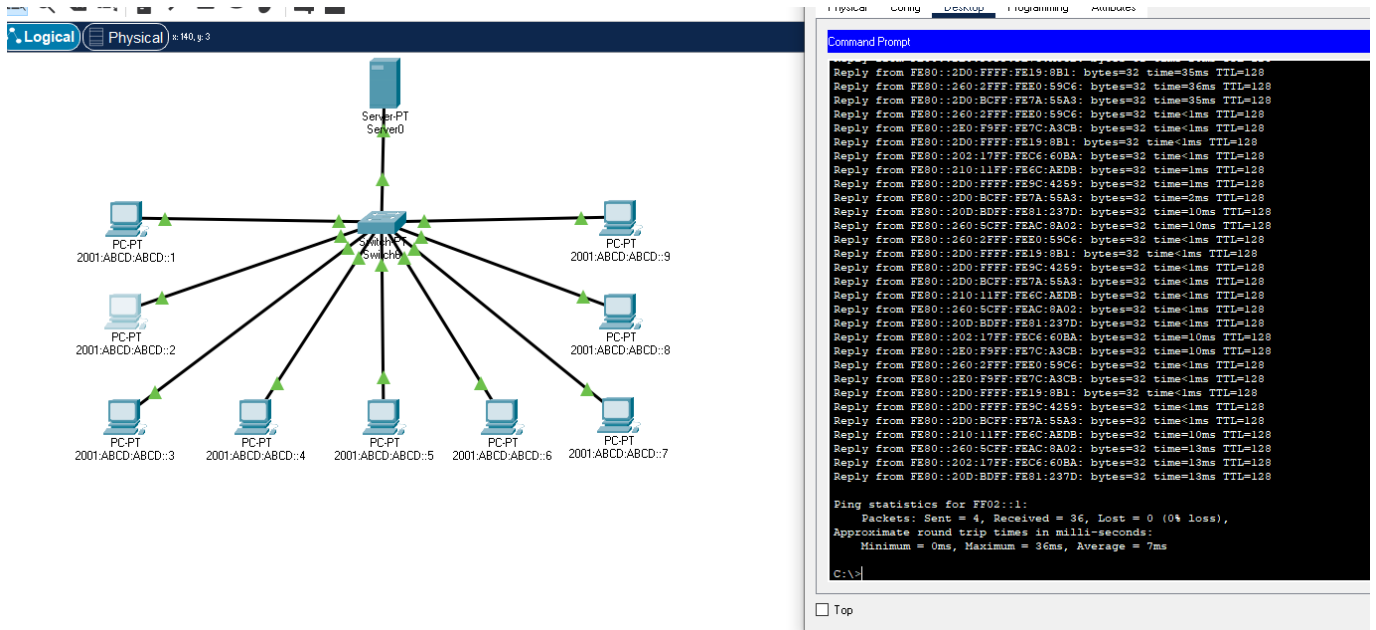
Reply from 2001:ABCD:ABCD::5: bytes=32 time<1ms TTL=128
Reply from 2001:ABCD:ABCD::5: bytes=32 time<1ms TTL=128
Reply from 2001:ABCD:ABCD::5: bytes=32 time<1ms TTL=128
Reply from 2001:ABCD:ABCD::5: bytes=32 time=11ms TTL=128

Ping statistics for 2001:ABCD:ABCD::5:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 11ms, Average = 2ms

C:\>
```

MULTICAST

Ping FF02::1



PAGINA WEB

