**Cenário B:**

Tarefa 2:

Passo 3:

RouterA(config-if)#ipv6 nd prefix 2001:690:2121:1::1/64

RouterA(config-if)#ipv6 nd ra-lifetime 300

RouterA#debug ipv6 nd

ICMP Neighbor Discovery events debugging is on

RouterA#

\*Mar 1 00:41:02.363: ICMPv6-ND: Received RA from FE80::C202:3BFF:FE0C:1 on FastEthernet0/1

RouterA#

\*Mar 1 00:41:05.711: ICMPv6-ND: Sending RA to FF02::1 on FastEthernet0/1

\*Mar 1 00:41:05.711: ICMPv6-ND: MTU = 1500

\*Mar 1 00:41:05.711: ICMPv6-ND: prefix = 2001:690:2121:21::/64 onlink autoconfig

\*Mar 1 00:41:05.711: ICMPv6-ND: 2592000/604800 (valid/preferred)

RouterA#

\*Mar 1 00:41:24.627: ICMPv6-ND: Sending RA to FF02::1 on FastEthernet0/0

\*Mar 1 00:41:24.627: ICMPv6-ND: MTU = 1500

\*Mar 1 00:41:24.627: ICMPv6-ND: prefix = 2001:690:2121:1::/64 onlink autoconfig

\*Mar 1 00:41:24.627: ICMPv6-ND: 2592000/604800 (valid/preferred)

RouterA#

Passo 4:

VPCS> show

NAME IP/MASK GATEWAY MAC LPORT RHOST:PO RT

VPCS1 0.0.0.0/0 0.0.0.0 00:50:79:66:68:00 2016 127.0.0. 1:2017

fe80::250:79ff:fe66:6800/64

2001:690:2121:1:2050:79ff:fe66:6800/64 eui-64

O fe80::250:79ff:fe66:6800/64 é o link local

O 2001:690:2121:1:2050:79ff:fe66:6800/64 eui-64 é o global address

Passo 5: Existe conetividade

Passo 6: Não existe conectividade, pois na tabela de encaminhamento do router A não aparece o enderenço do router B, logo o(s) pacote(s) são descartados

Passo 7: Envolver rotas estáticas

Tarefa 3:

Passo 1:

RouterA# show ipv6 interface fastEthernet 0/0

FastEthernet0/0 is up, line protocol is up

IPv6 is enabled, link-local address is FE80::C201:2DFF:FEA4:0

Global unicast address(es):

2001:690:2121:1::1, subnet is 2001:690:2121:1::/64

Joined group address(es):

FF02::1

FF02::2

FF02::1:FF00:1

FF02::1:FFA4:0

MTU is 1500 bytes

ICMP error messages limited to one every 100 milliseconds

ICMP redirects are enabled

ND DAD is enabled, number of DAD attempts: 1

ND reachable time is 30000 milliseconds

ND advertised reachable time is 0 milliseconds

ND advertised retransmit interval is 0 milliseconds

ND router advertisements are sent every 200 seconds

ND router advertisements live for 300 seconds

Hosts use stateless autoconfig for addresses.

RouterA#