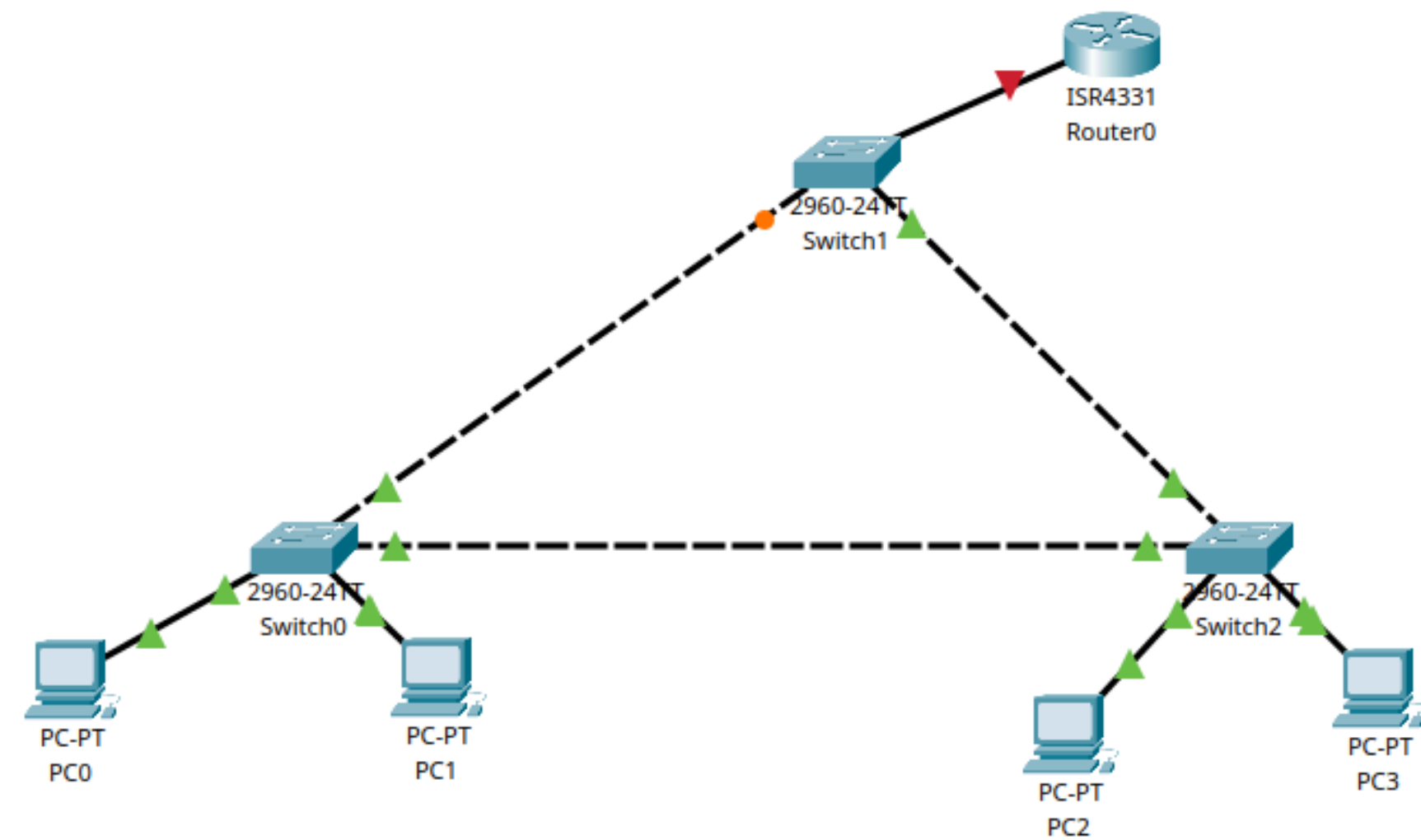


PROTOCOLO STP

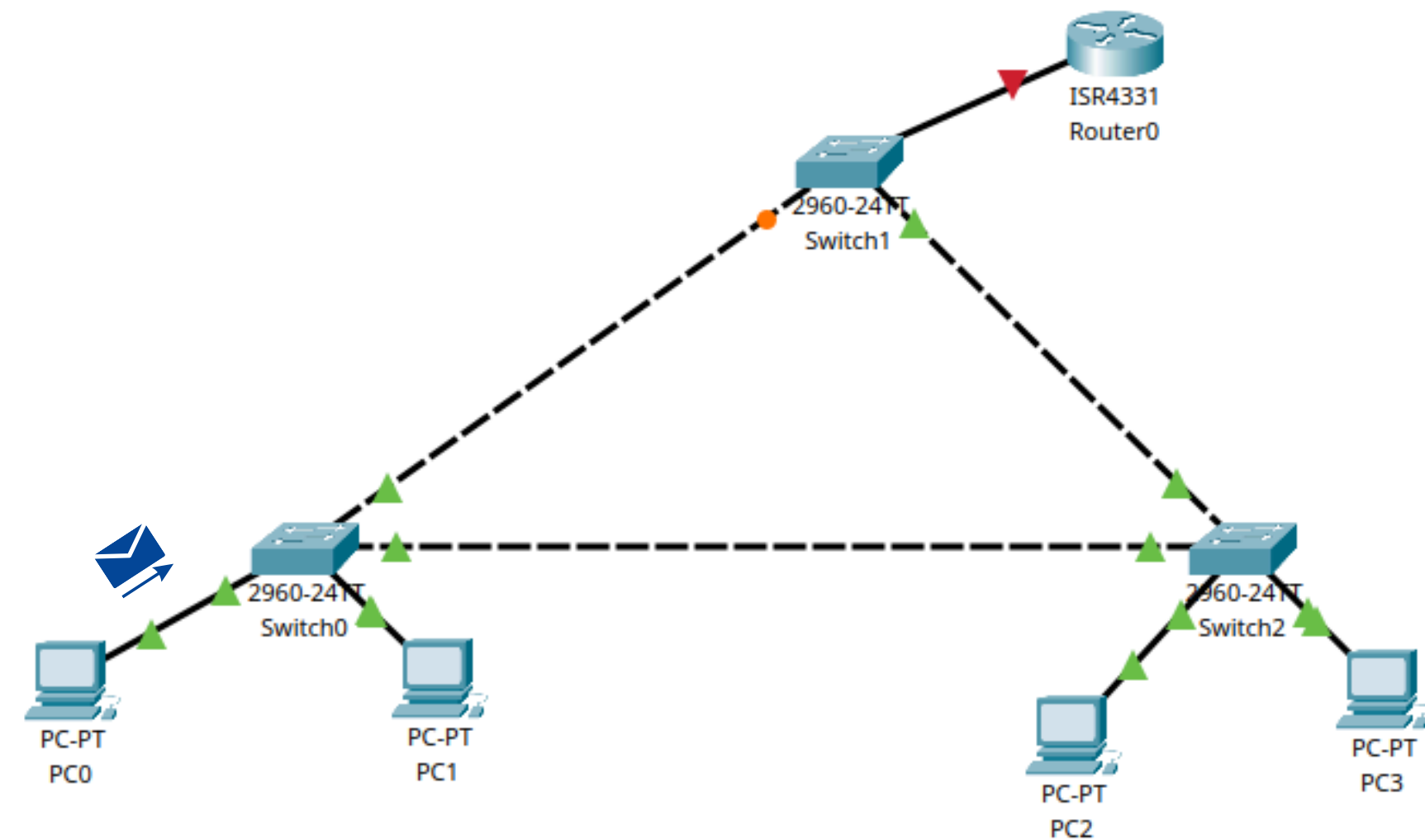
(Spanning Tree Protocol)

REDUNDÂNCIA EM LAYER 2

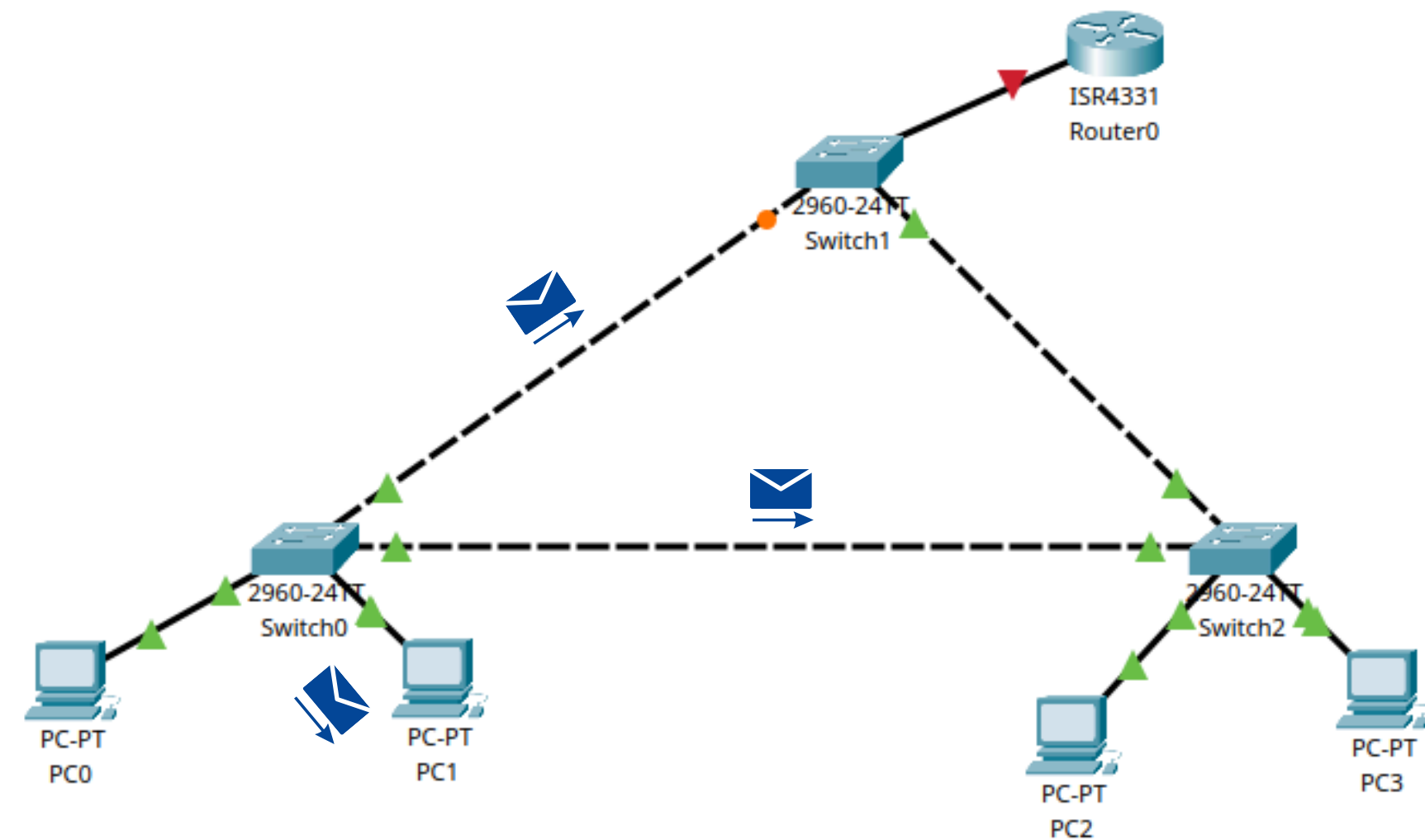


Rotas alternativas

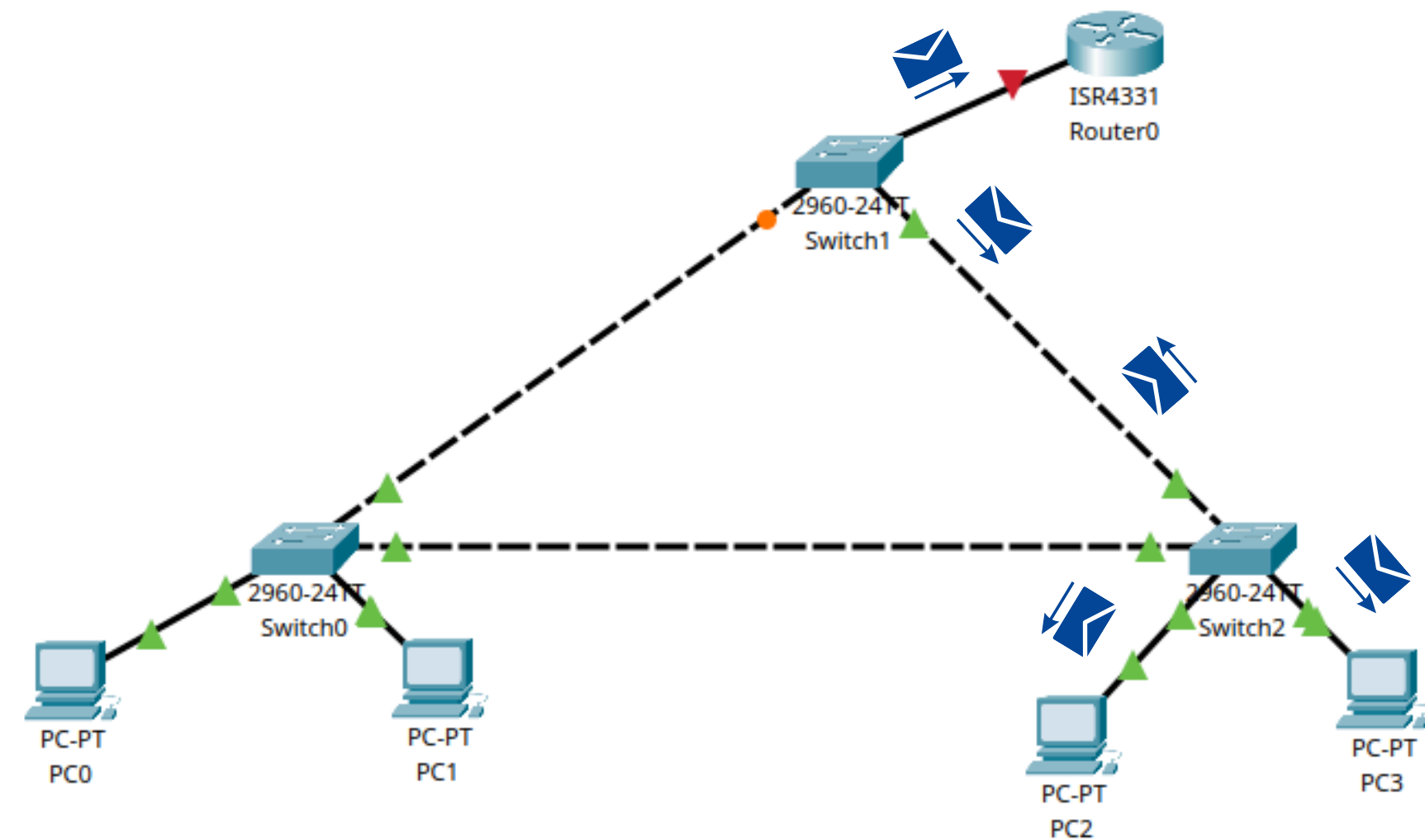
BROADCAST STORM



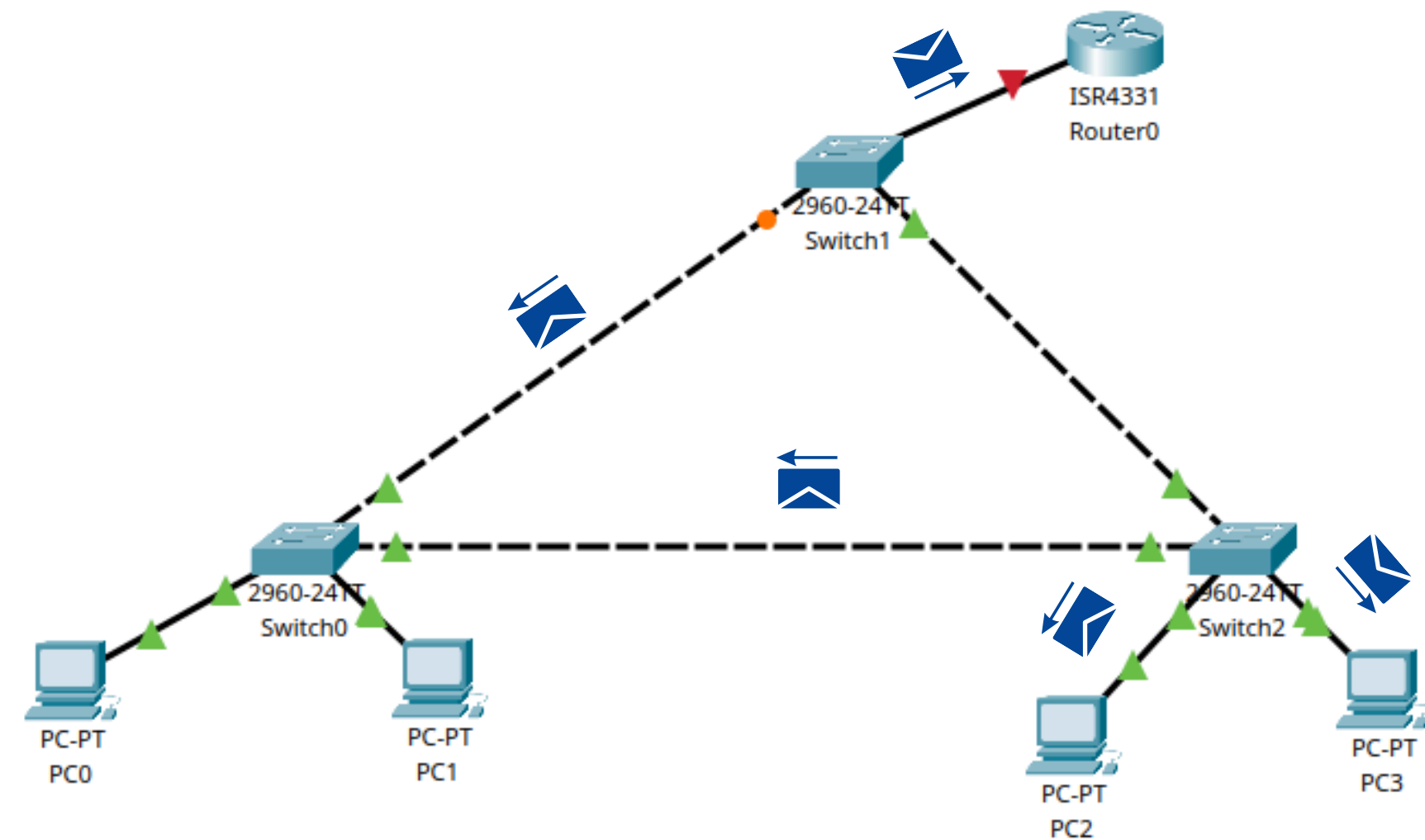
BROADCAST STORM



BROADCAST STORM

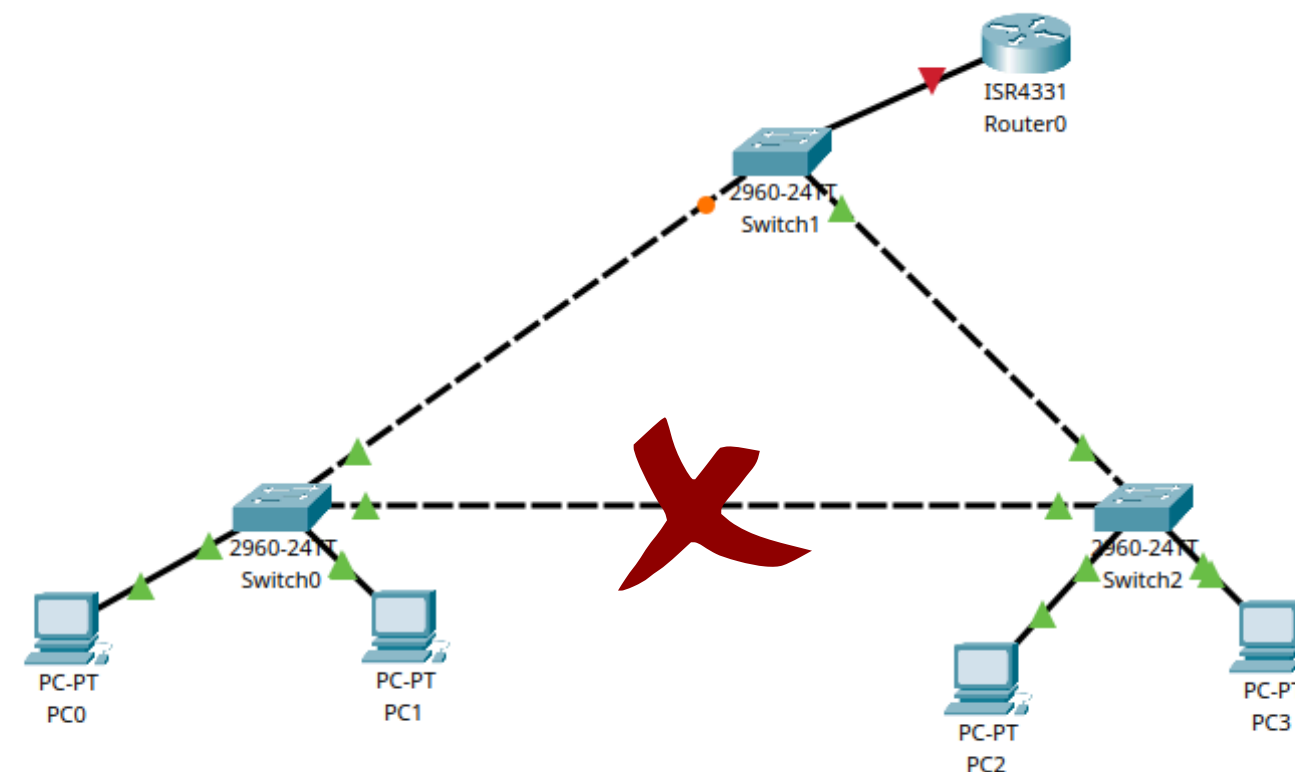


BROADCAST STORM



STP (IEEE 802.1D)

- Eleição do switch raiz (BPDU)
- Cálculo dos caminhos mais curtos
- Definição das portas do STP:
 - Root Port
 - Designated Port
 - Porta bloqueada
- Convergência



RSTP (IEEE 802.1w)

Rapid

- Otimização
- Compatibilidade

MSTP (IEEE 802.1s)

Multiple

- Permite a criação de múltiplas instâncias (MSTIs)
- Cada MSTI pode ser mapeada para um grupo de VLANs
- Balanceamento de carga e uso eficiente da largura de banda
- Compatível com STP e RSTP
- Reduz a quantidade de BPDUs transmitidas

The background is a light blue gradient. It is decorated with various geometric shapes in two shades of blue: a medium blue and a darker navy blue. These shapes include circles of different sizes, semi-circles, and quarter-circles, scattered primarily along the top and bottom edges of the frame.

OBRIGADO