



Cisco Support Community Presents
Tech-Talk Series

Introduction to EVN / VNET

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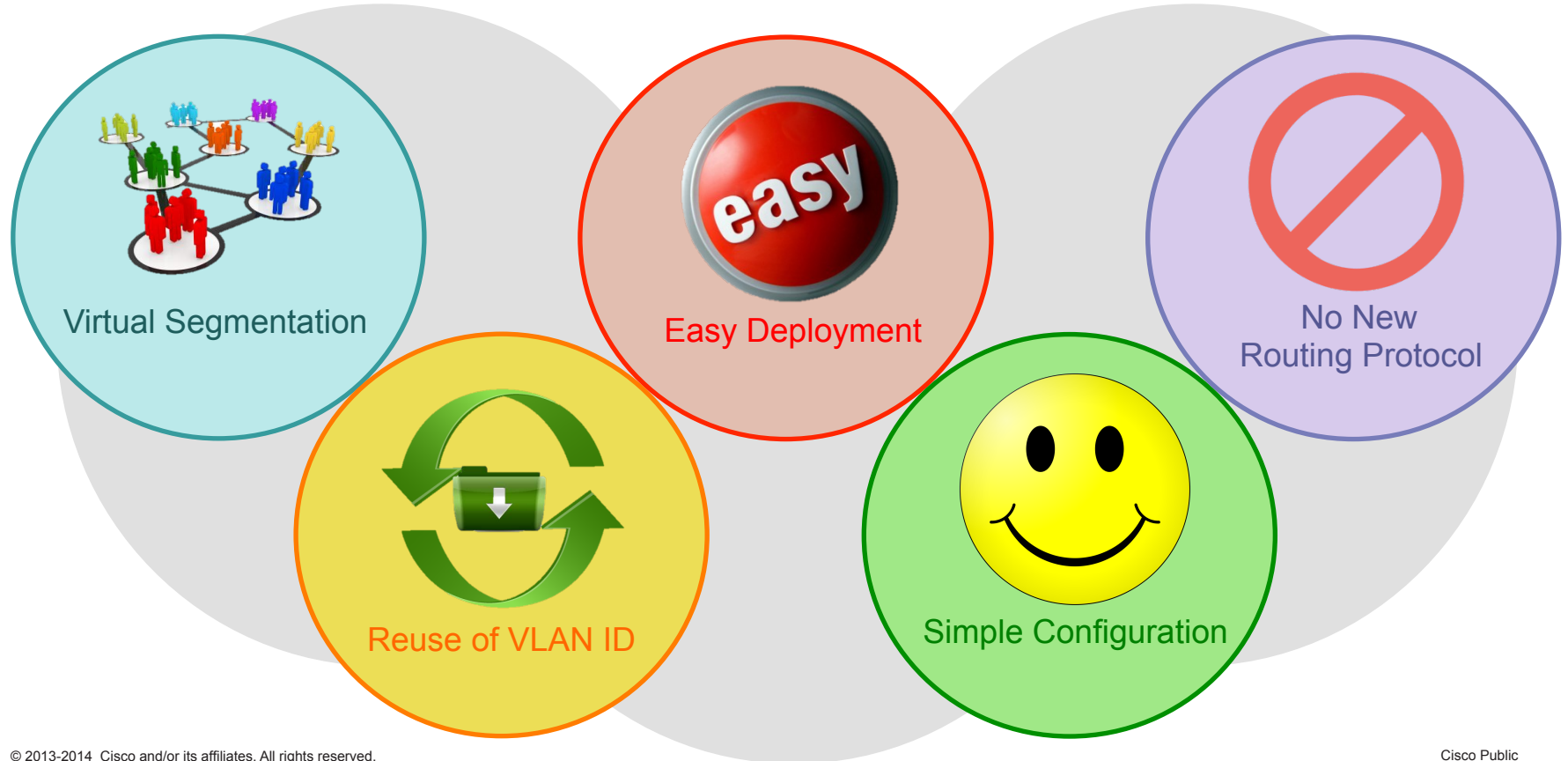
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1
What
will it do?

2
Why
do we need it?

3
How
will we implement it?

EVN at a Glance

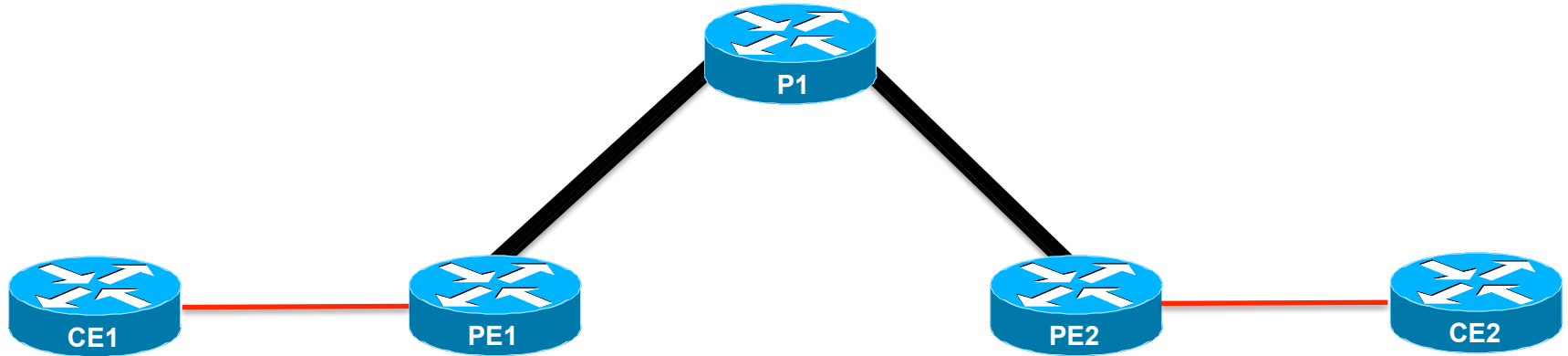


EVN Components

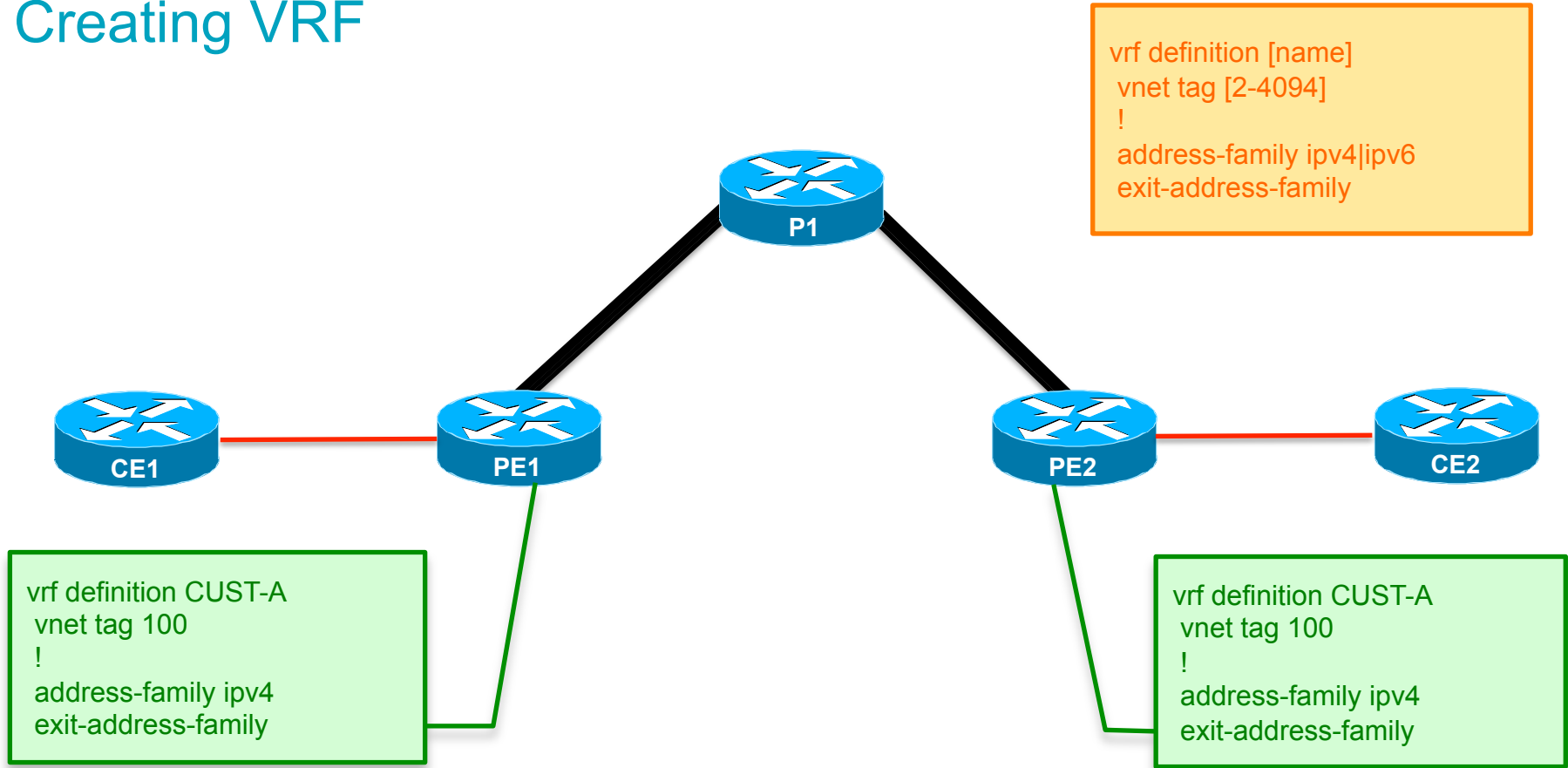
- VRF Lite
- VNET Trunks (equivalent to dot1q tag)
- Automatic creation of hidden dot1q sub-interfaces
- Configuration inheritance of main interface
- Separate Routing Sub-interfaces
- Support for Route Leaking
- IPv4 and IPv6



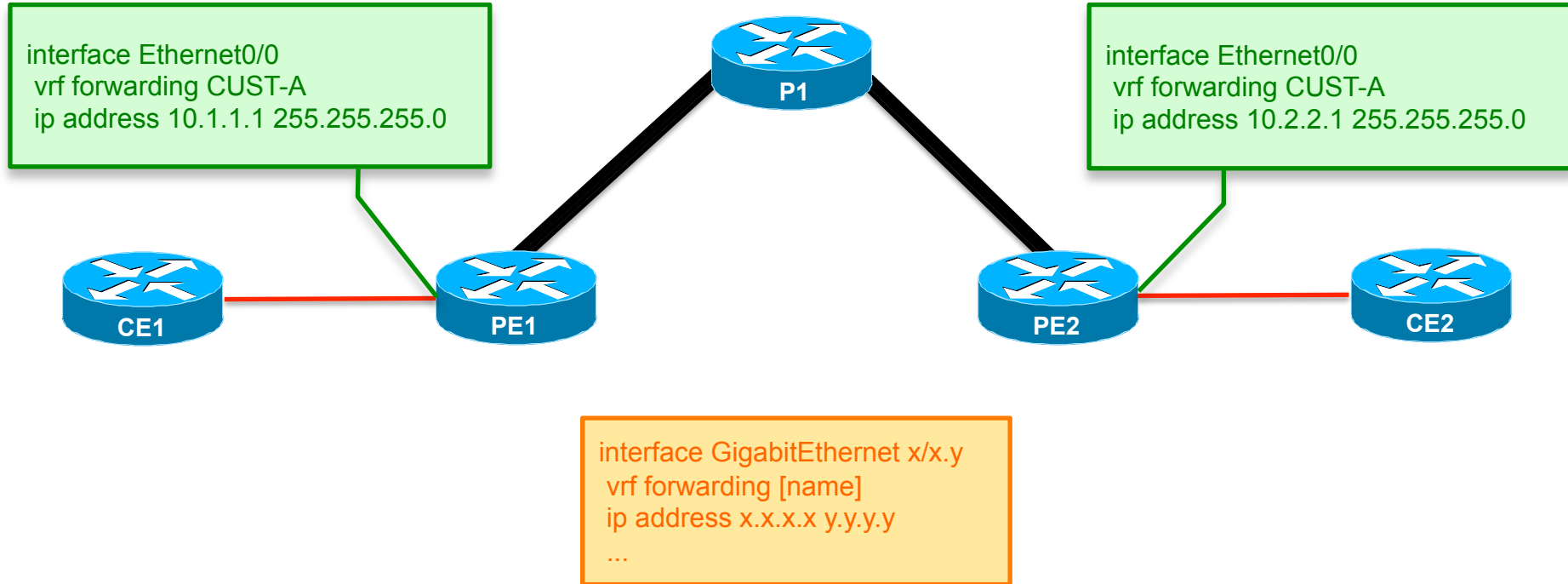
Sample Topology



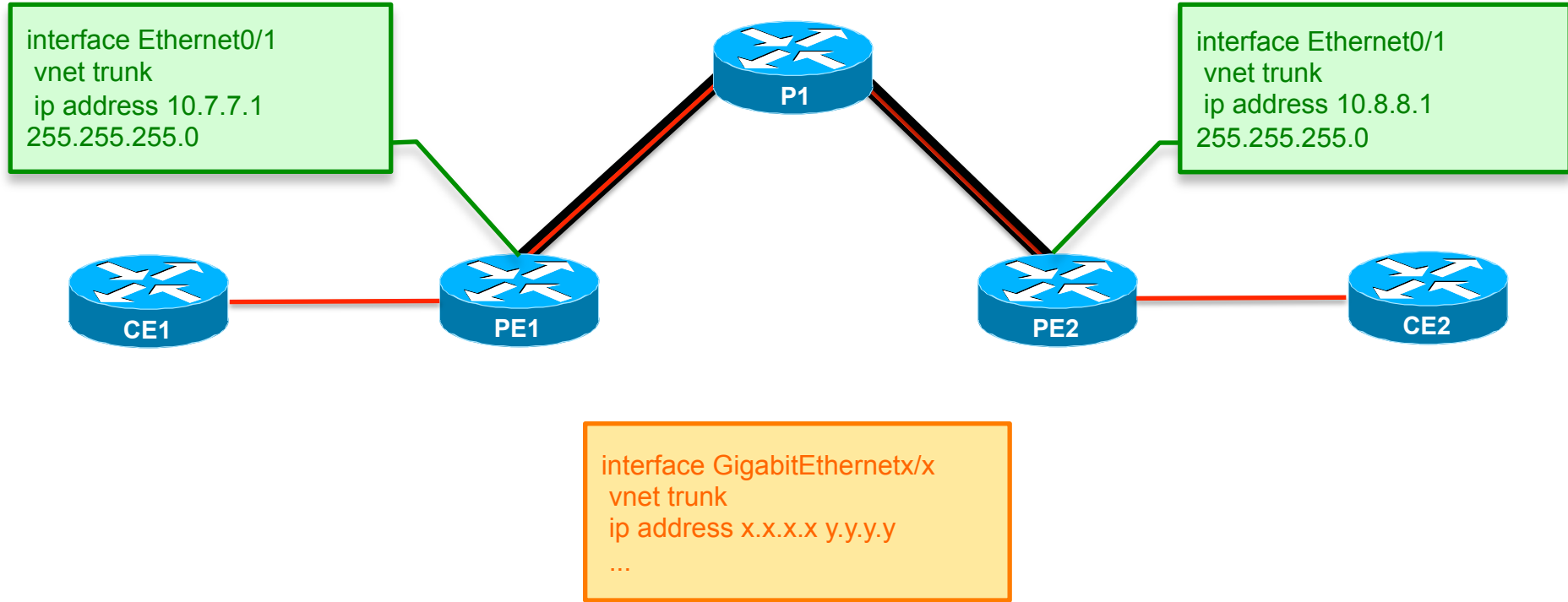
Creating VRF



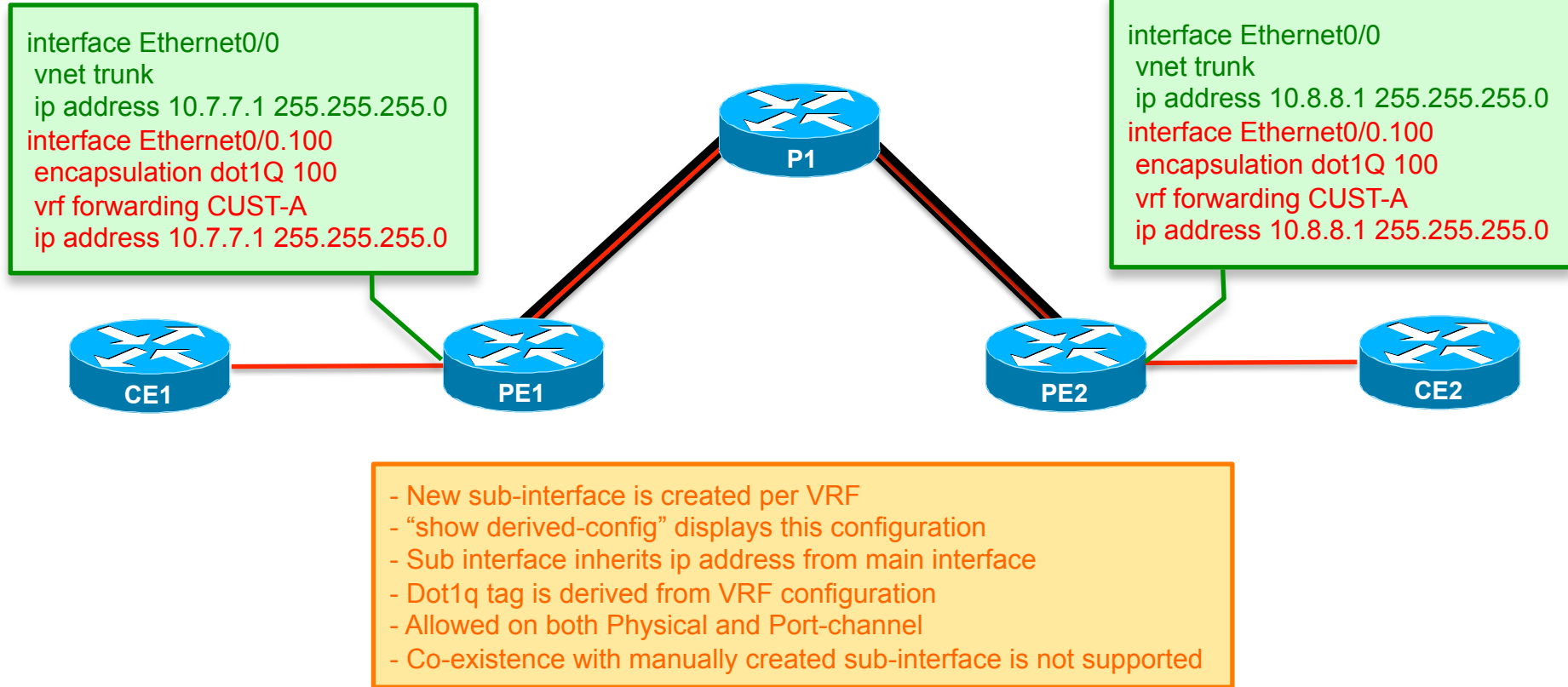
Assigning edge interfaces to VRF



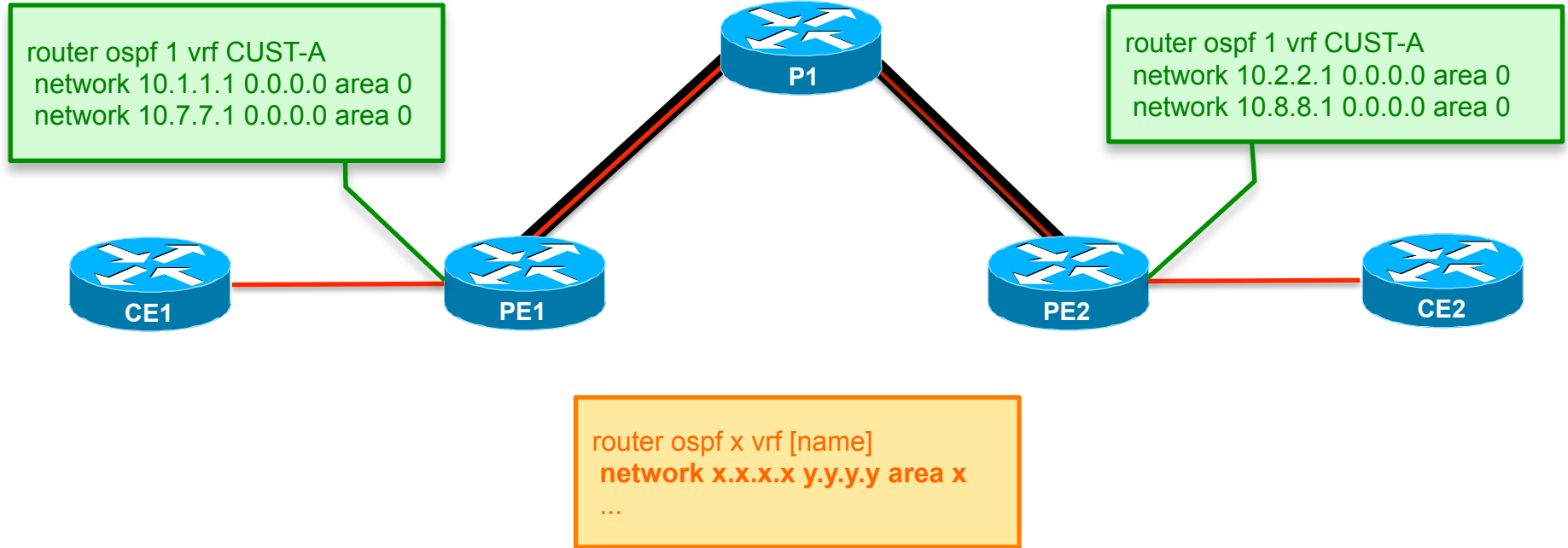
Defining VNET Trunks



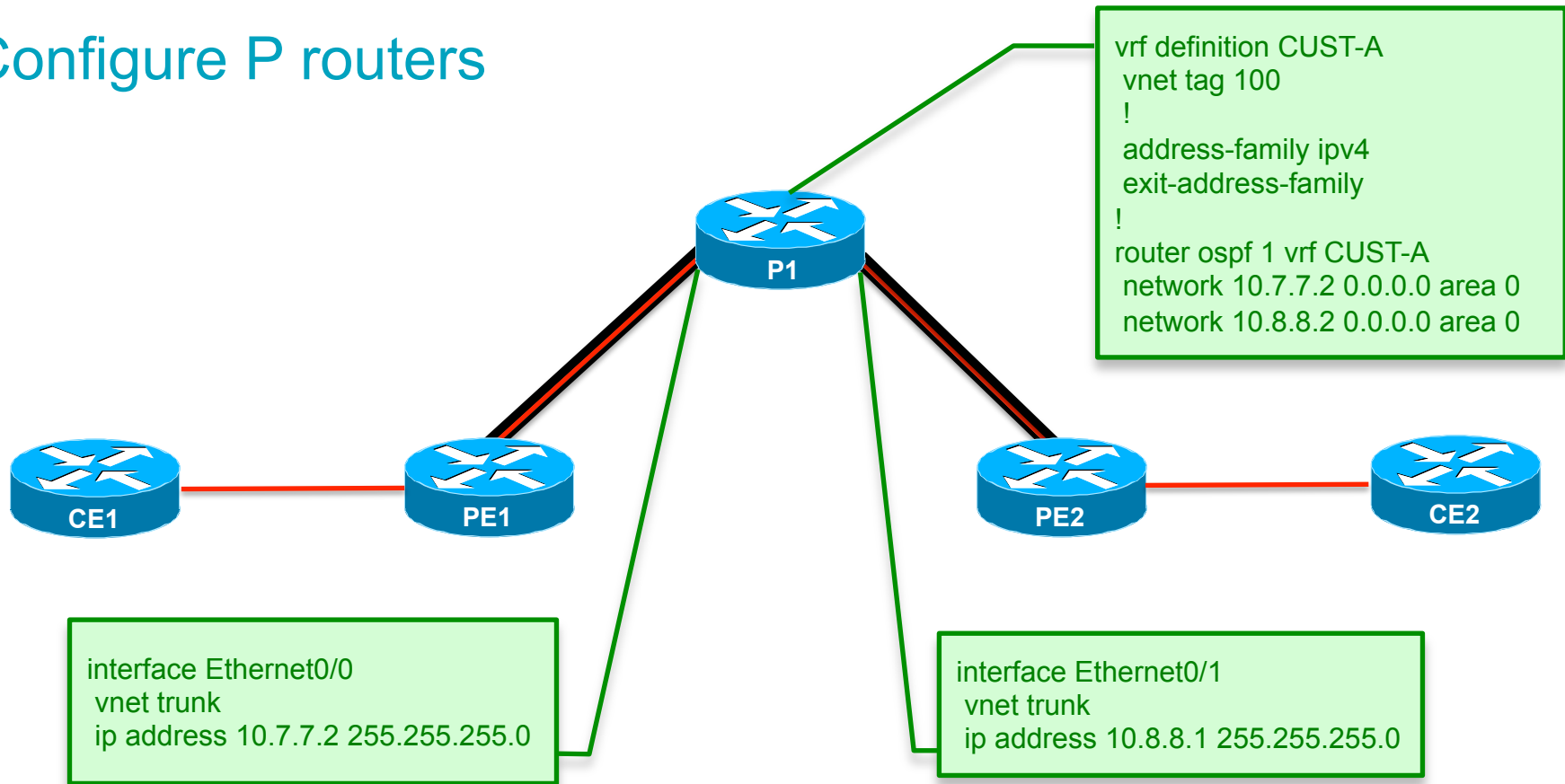
Actual Configuration of VNET Trunks



Configure Routing Protocol



Configure P routers



Advanced Features

- Route Replication
- Limiting VNET's on Trunk
- Per VRF Trunk Attributes
- Different VNET Tags for Trunks



References

Cisco.com

<http://www.cisco.com/c/en/us/products/ios-nx-os-software/easy-virtual-network-evn/index.html>

Ask the Expert

<https://supportforums.cisco.com/discussion/11564071/ask-expertnew-campus-segmentation-technology-using-cisco-easy-virtual-network>

Cisco Live

<http://iwe.cisco.com/web/communications-resource-center/messaging-central>

Thank you.

