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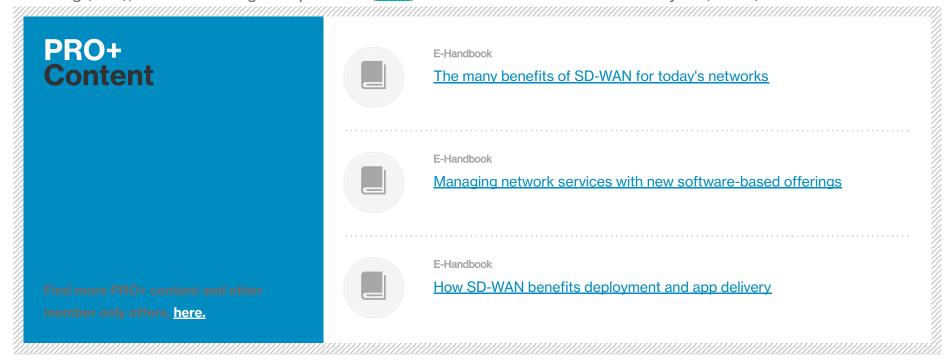
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Most overlay networks run on top of the public Internet, which itself began as an overlay research network running over the infrastructure of the public switched telephone network (<u>PSTN</u>). Other examples of overlay network deployments include virtual private networks (<u>VPNs</u>), peer-to-peer (<u>P2P</u>)

networks, content delivery networks (<u>CDNs</u>), voice over IP (<u>VoIP</u>) services such as Skype and non-native software-defined networks.

Overlay network protocols include Virtual Extensible LAN (<u>VXLAN</u>), Network Virtualization using Generic Encapsulation (<u>NVGRE</u>), stateless transport tunneling (STT), Generic Routing Encapsulation (<u>GRE</u>) and Network Virtualization Overlays 3 (NVO3).



This was last updated in September 2016

Year State State

- In SDN, overlay network takes backseat to programmability
- Network virtualization now, and the overlay network future
- Overlay networks: Understanding the basics, making it a reality
- Optimizing and Extending Overlay Networking for Containers

Related Terms

Path Computation Element Protocol (PCEP)

Path Computation Element (PCE) is a network component, application or node that can apply computational constraints and compute a...

See complete definition ①

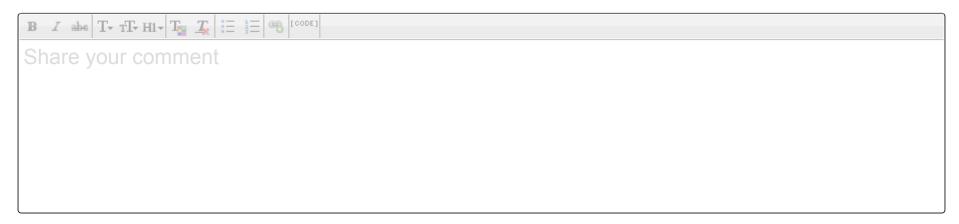
SDN overlay (software defined networking overlay)

An SDN overlay is a deployment method for network virtualization and software-defined networking (SDN) that involves running a ... See complete definition ①

vEPC (virtual Evolved Packet Core)

The vEPC offers a framework to support converged voice and data on 4G Long-Term Evolution networks. vEPC is the abstraction of ... See complete definition ①

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