



FUNDAMENTOS DE TELECOMUNICACIONES

Investigación concepto SDN



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SDN

These are software defined networks, a network architecture that is designed to help organizations keep up with the dynamic environment of today's applications.

It separates network management from the underlying network infrastructure, allowing administrators to more actively or dynamically adjust traffic flow throughout the network to meet ever-changing needs.

SDNs seek to reduce the complexity of statistically defined networks, seek to automate network functions, streamline application and service deployment, and reduce network resource deployment and management.

A software defined network allows you:

- Support dynamic movement, replication and allocation of virtual resources.
- Facilitate the administrative burden of configuration and provision of features such as quality of service and security.
- Implement and expand network functions more easily. -Design traffic with an end-to-end view of the network.
- Use network resources better.
- Reduce OPEX.
- Make network functions evolve faster based on the development life cycle of a software.
- Enable applications to dynamically request services from the network.
- Implement a more effective security function.
- Reduce complexity.

