

Understanding SDN Net...

► Understanding SD... ○

▼ Glossary ○

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Glossary

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Software-defined (SDN) is a way of managing networks that plane. The control plane is the part of the network that decides how to the part that actually forwards them. By separating these two functions, SDN scalability network operations.

SDN uses a central controller that communicates with the network devices (such as switches and routers) standardized protocols or APIs. The controller can dynamically configure and optimize the network according to the needs and of the applications and users. This way, SDN can simplify network management, improve network performance and security, and support innovation and automation.

There are different types of SDN, such as open SDN, API SDN, overlay SDN and hybrid SDN, each with its advantages and challenges. SDN is a key technology for enabling cloud computing, edge computing, 5G and other emerging in the digital world.

✔ Comprobar

the control plane from the data the data packets, while the data plane is more flexibility, efficiency and

- route
- enables
- networking
- through
- in
- trends
- policies
- separates
- own

Glossary

- Automation:** The ability to automatically adjust network policies based on network conditions or other factors.
- Centralized:** Consolidated, with a single point of control.
- Data packets** - (noun) a unit of data that is transmitted over a network.
- Edge computing** - (noun) a distributed computing paradigm that brings computation and data storage closer to the location where it is needed to improve response time and save bandwidth.
- Emerging trends** - (noun) new developments or changes in a particular field or industry that are expected to have a significant impact in the future.
- Flexibility:** The ability to easily make changes and modifications to the network infrastructure.
- OpenFlow:** A standardized protocol used by SDN controllers to program network devices to forward traffic according to specific policies.
- Optimization:** The process of maximizing network performance and efficiency.
- Policies** - (noun) a set of rules or guidelines that are put in place by an organization or government to govern behavior or actions.
- Policies** - (noun) a set of rules or guidelines that are put in place by an organization or government to govern behavior or actions. (*políticas*)
- Programmable:** Configurable, with the ability to program network policies and traffic flows.

12. **Proprietary** - (adjective) describes something that is owned by a particular company or individual, and is not available for others to use or copy without permission. (*propio*)
13. **Scalability**: The ability to program and deploy network policies across multiple devices simultaneously.
14. **Software-defined networking (SDN)**: A revolutionary approach to networking that centralizes, virtualizes, and programmatically manages network infrastructure.
15. **Tightly** - (adverb) in a way that is closely packed together, or in a way that is difficult to separate or move. (*estrechamente*)
16. **To span** - (verb) to extend across or cover a particular distance or time period. (*abarcar*)
17. **Traffic flow** - (noun) the movement of vehicles or pedestrians along a particular route, or the amount of traffic that passes through a particular area. (*flujo de tráfico*)
18. **Virtualized**: Emulated, with the ability to create virtual networks on a single physical network..

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