

SDN & NFV

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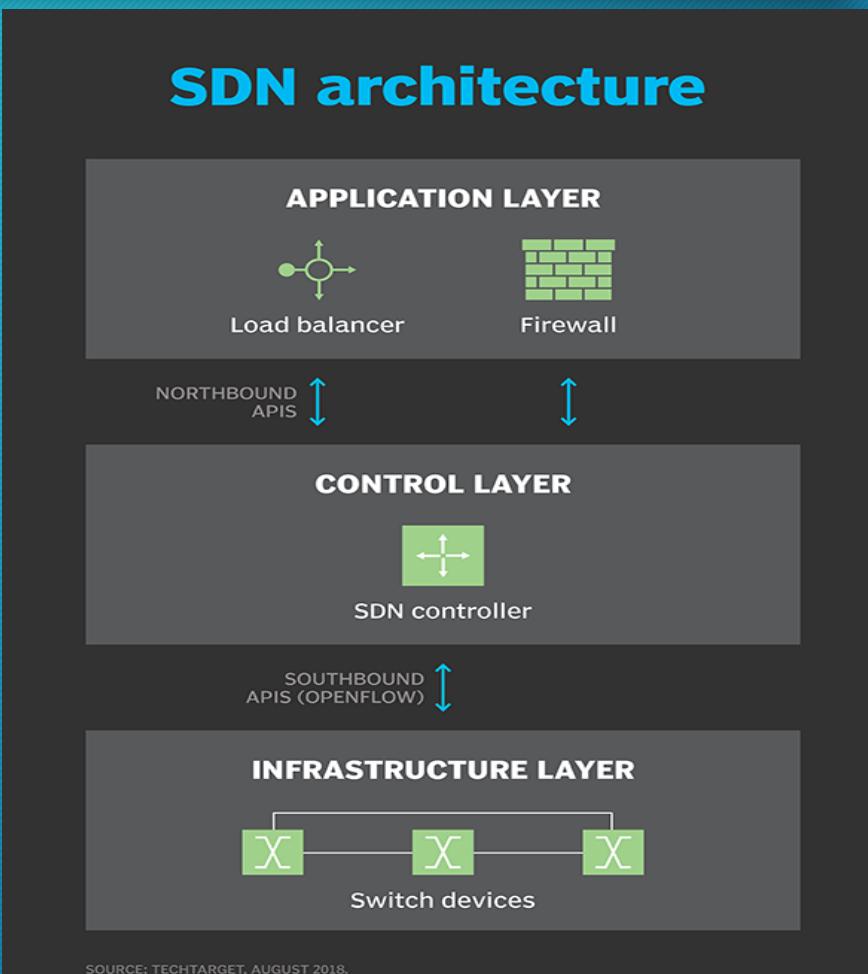
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SDN

O que é?

Arquitetura SDN

- Aplicação
- Controlo
- Infraestrutura



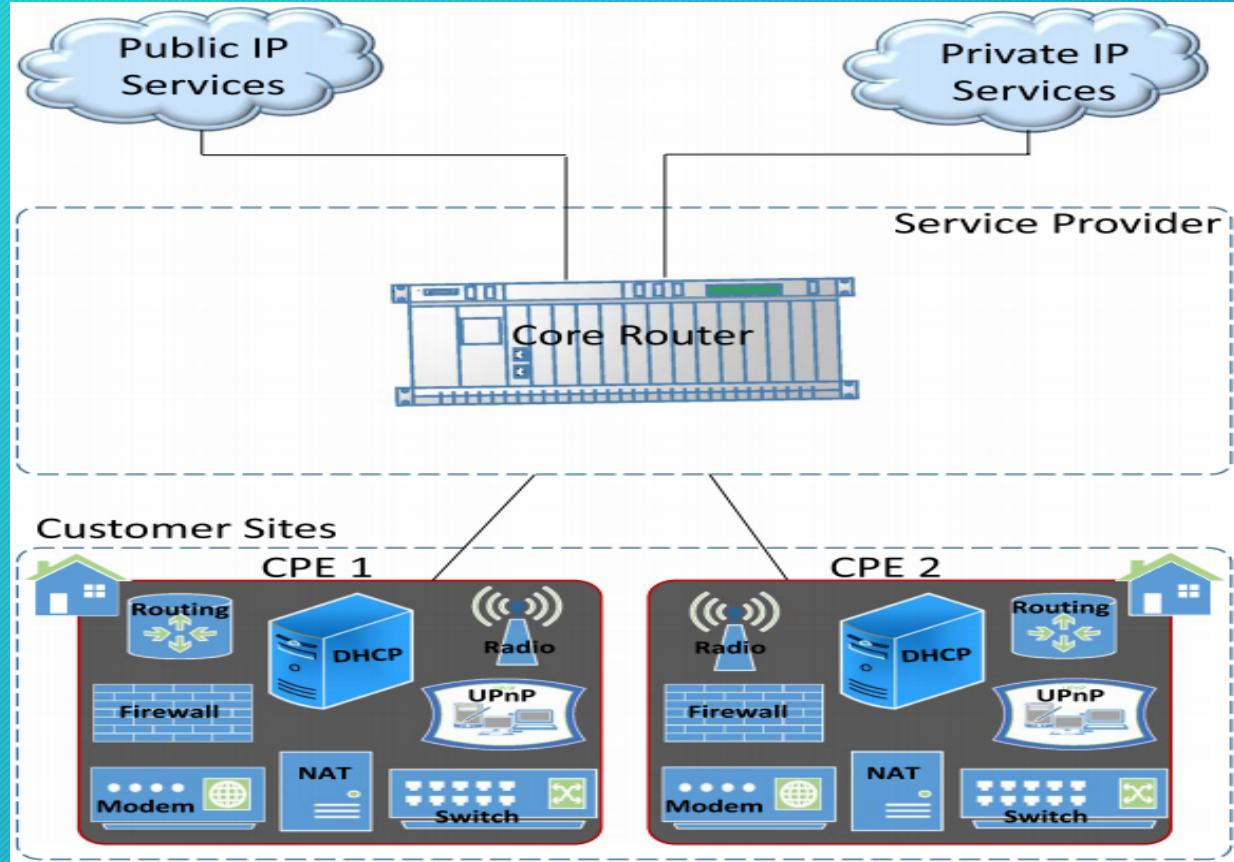
Prós e Contras

TABLE I
COMPARISONS BETWEEN SDN AND CONVENTIONAL NETWORKING

	SDN	Conventional Networking
Features	decoupled data and control plane, and programmability	a new protocol per problem, complex network control [49]
Configuration	automated configuration with centralized validation	error prone manual configuration
Performance	dynamic global control with cross layer information	limited information, and relatively static configuration
Innovation	easy software implementation for new ideas, sufficient test environment with isolation, and quick deployment using software upgrade	difficult hardware implementation for new ideas, limited testing environment, long standardization process

NFV

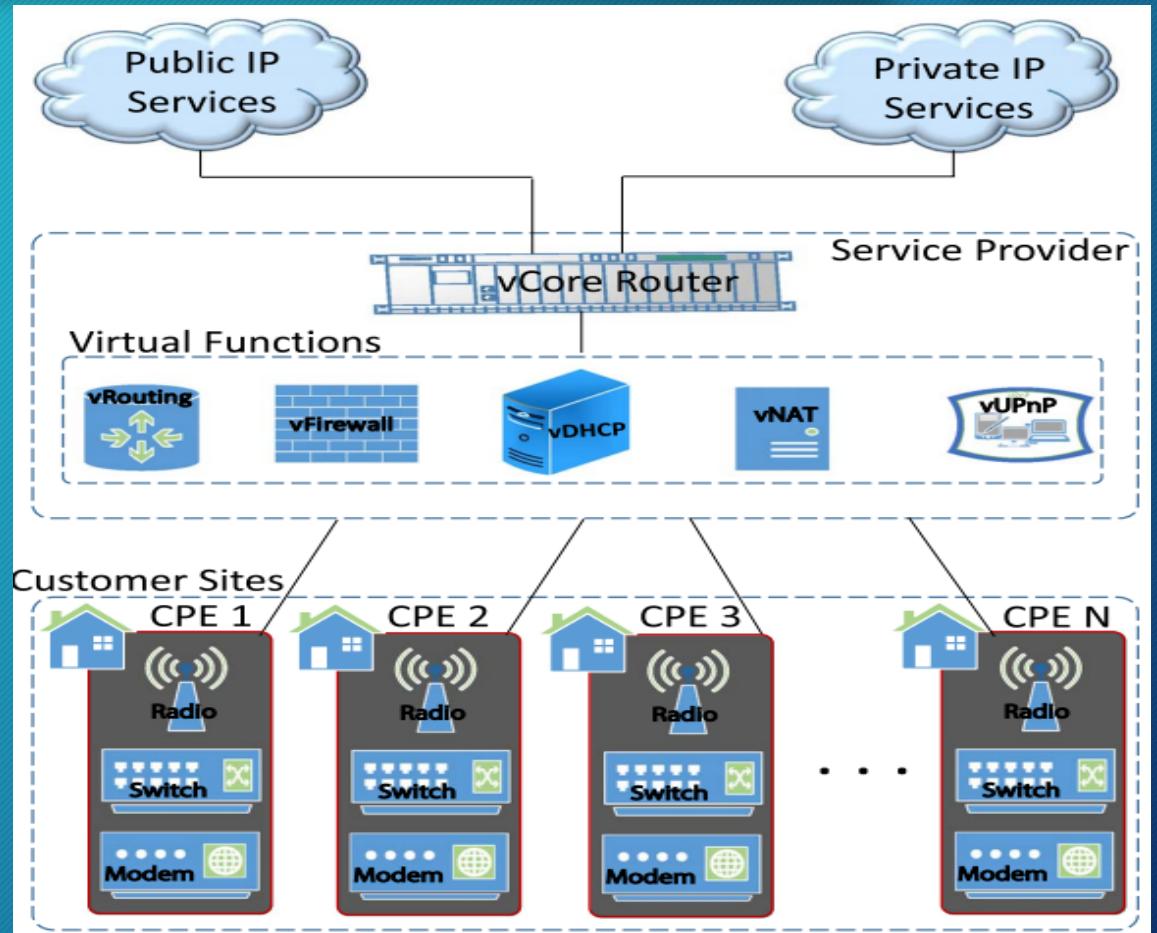
O que é?



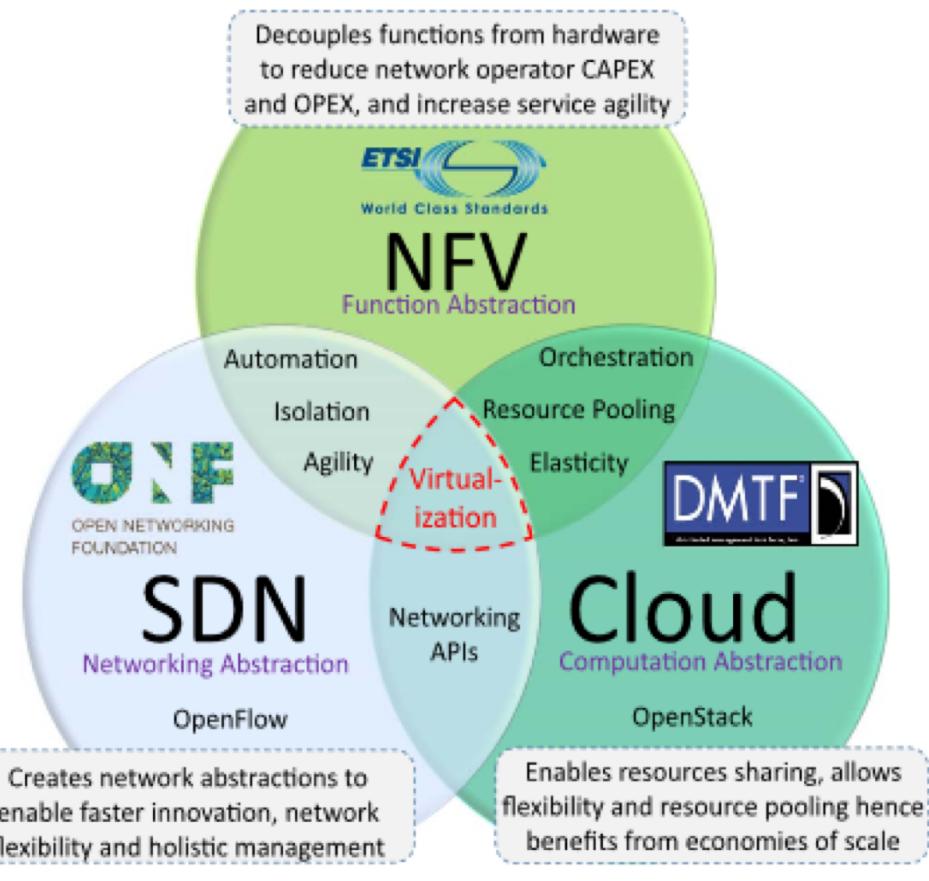
Serviço fornecido pelas TSPs antes da adoção do conceito NFV.

Benefícios

- Serviço fornecido pelas TSPs após a adoção do conceito NFV.



SDN & NFV working together



Relação entre SDN, NFV e tecnologias atuais.

Conclusão