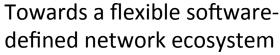






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FACTS

The rise of the IXPs

More than 500 in 2014 play a critical role in the Internet ecosystem

Bringing SDN to the Inter-domain Settings

Clouds and datacenters are increasingly popular as hosting solutions for content and applications. IXPs are the 'glue' interconnecting these infrastructures with their users and consumption ecosystems. SDN brings to IXPs new opportunities and challenges to play a key role in Internet v2: Enable new apps, performance & security.

IXP CHALLENGE

IXP need to be simple, programmable, flexible, robust, fast, scalable, secure, cheap to operate and manage

OPPORTUNITY



OBJECTIVES



Interdomain SDN control plane



Scalable, fine-grained monitoring

https://www.h2020-endeavour.eu/



Flexible IXP management for operators



Network services offered to IXP ecosystem



