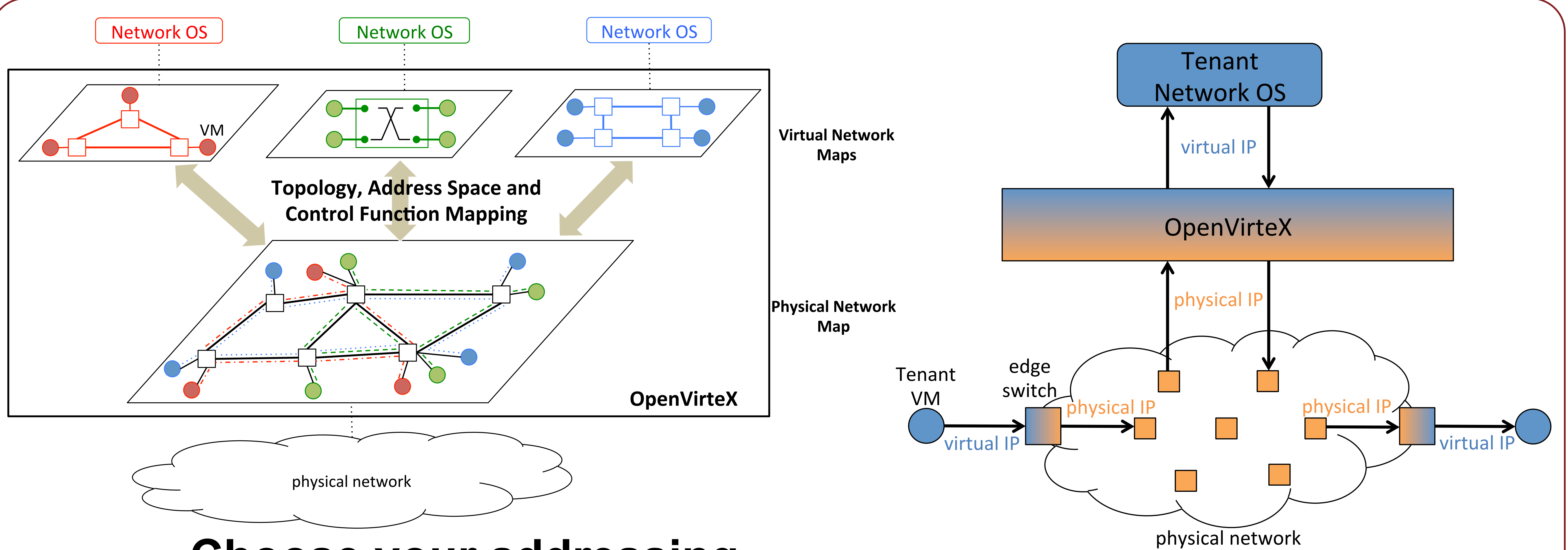


Objectives

Enable multi-tenant clouds on a shared physical infrastructure

- Tenants specify all **virtual network attributes**: address space, topology, performance metrics, ...
- Virtual network are **fully programmable**: tenants can deploy SDN in their virtual network
- It is **network virtualisation** for infrastructure operators



Choose your addressing

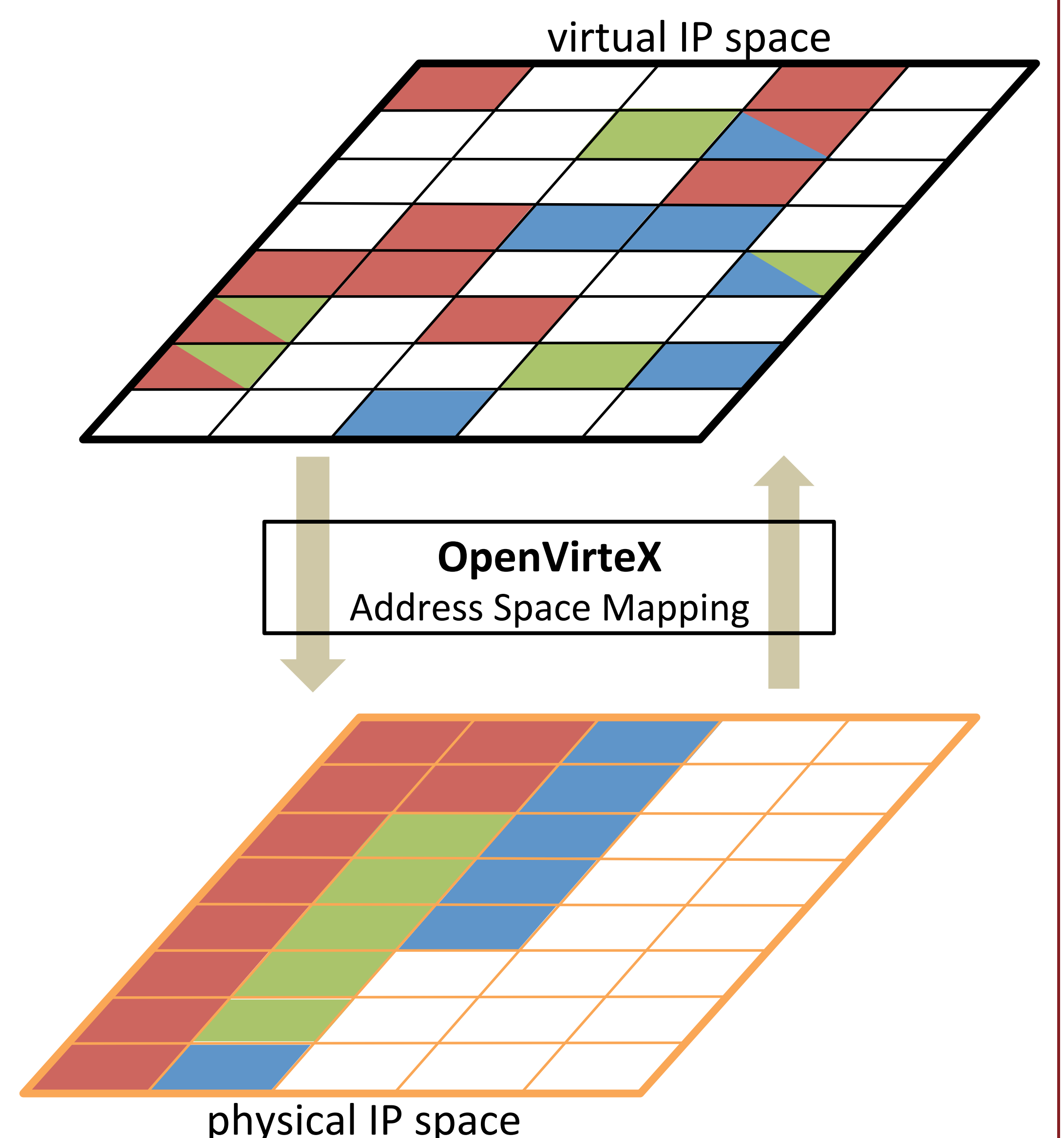
- As a tenant you can use the **full IPv4** address space, even if other tenants use the same
- The system does **transparent** translation of your address space to its own

Choose your topology

- As a tenant you can deploy **any topology** you wish: from one big switch to a copy of the physical net
- The system **automatically** handles changes to the physical or virtual topologies for you

Get full SDN-style programmability

- You can run your own **network OS** of choice
- The system is **interoperable** with your existing network slicing and virtualisation tools
- Your virtual network is **extensible** with advanced features such as debugging



Current Status

- Released in Q1 2014
- Integrated with OpenStack and Neutron
- Explore performance isolation

