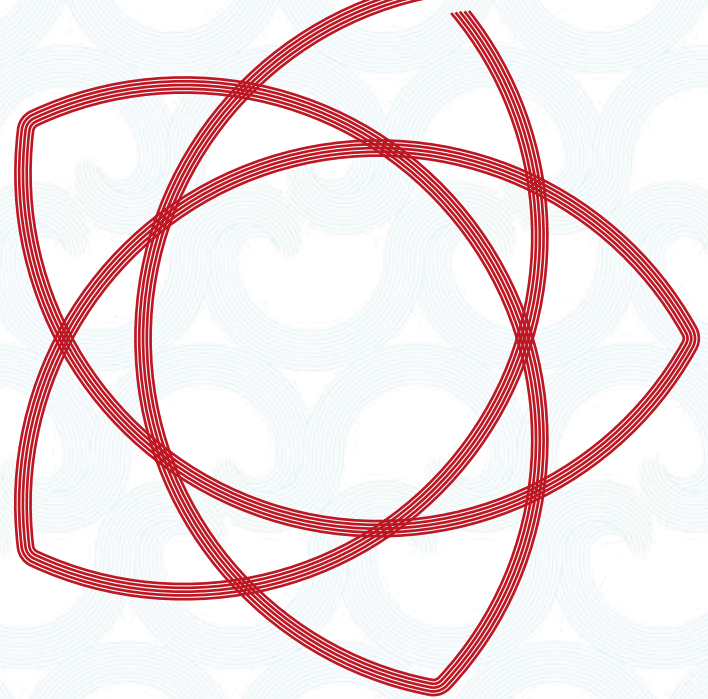# A journey towards SDN Zen

Why Software Defined Networking?

This article looks at how SDN can provide some of the largest strategic gains and enable many benefits for your organisation.

If you're looking for an effective way to manage your network services, Xtravirt can help you on your way.

Reduce costs

The consolidation of traditional multi-point based solutions into a single solution can help to reduce hardware and associated costs. Reduced operational costs can also be achieved due to improved network management.

Increase efficiency

The implementation of SDN can reduce network provisioning time from days to minutes, improving operational efficiency through the automation of processes, and network segmentation.

Improve security and control

SDN enables a single point of control, from which information, security policies and regulations can be distributed securely and across the infrastructure. Flexible security policies can be aligned to virtual networks, virtual machines or to a variety of other parameters for granularity of security down to the virtual NIC, commonly known as micro-segmentation.

Increase flexibility and agility

The adoption of SDN allows for scalability, enabling you to scale up to as many switches or routers as you require or are available. SDN encourages innovation by ensuring a bespoke network experience that increases speed, flexibility, agility and scale in the data centre.

Dynamic responses

By implementing SDN, you can enable your organisation to automate policies, which can then produce dynamic responses according to changing utilisation and performance requirements.

Read more about how the SDN market is surprising us

Find out how Xtravirt can help define your journey towards SDN Zen

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