Networks are Changing

Technology is driving transformation

- Cloud
- Mobile and video
- Internet of things
- Big data
- Artificial intelligence

Creating challenges for businesses
- 75 years average lifecycle of a Fortune 500 company today compared to the 1950s
- 3/4 of organisations consider themselves exposed to digital disruption
- 60% of firms are actively seeking to disrupt new or current markets

And IT teams
- 2.32B global network capacity requirements expected to reach 2.3 petabytes by 2020 (Cisco)
- Over half of MNCs are dissatisfied with their IT’s ability to support transformation
- 62% of firms will support mobile/remote working in the next 12 months

The network needs to support transformation, but traditional networking approaches can be...

- Rigid, inflexible, and hard to adapt
- Complex and difficult to manage
- Costly for the usage required

Businesses need IT that is...

- Responsive
  - On-demand, elastic and flexible virtual services to dynamically allocate and scale bandwidth and data flows, enhancing performance and delivering better end-user experiences
- Configurable
  - Conﬁgure the services the business needs with bandwidth, locations, trafﬁc routes, network topology at a click of a button, and pay only for what is used.
- Adaptable
  - Networks should empower businesses to adapt quickly with virtualised network functions and software-deﬁned orchestration for a robust, self-healing with no single point of failure.
- Easy to manage
  - Focus on core business priorities by making the network easy to manage through a Graphical User Interface (GUI) or an Application Programmable Interface (API).
- Automated
  - Achieve the best performance with intelligent orchestration built into the network core to provision, automate and manage services in real time across compute, storage and network.

Find out more
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