

Virtual application networking

The key to dynamic IT



On our Regcast today

Eugene Berger HP

Trevor Kelly HP

Andy "A-Bus" Buss Freeform Dynamics

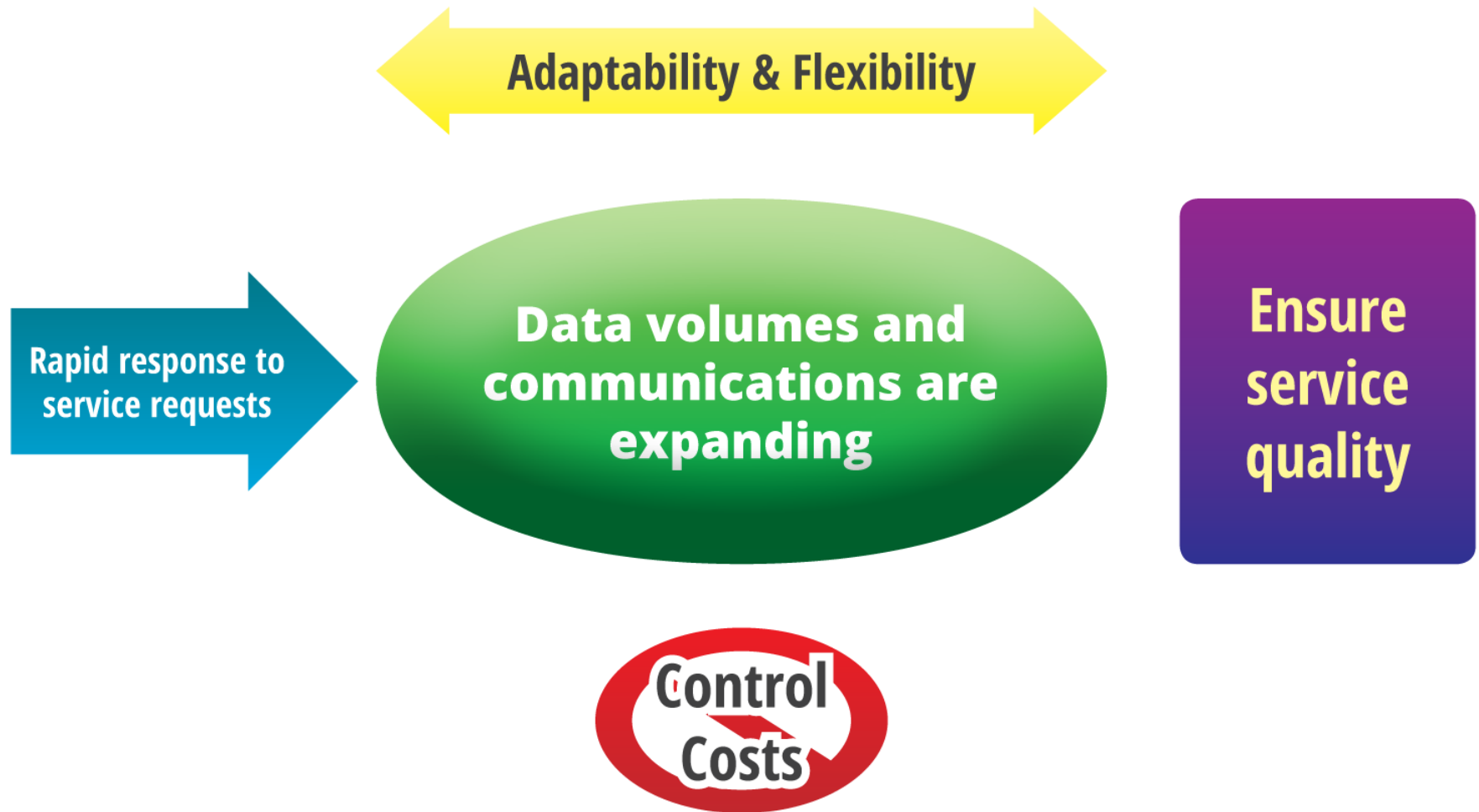
Tim Phillips Regmaster

Why are we here?

Software defined networking makes sense if you have a private or hybrid cloud.

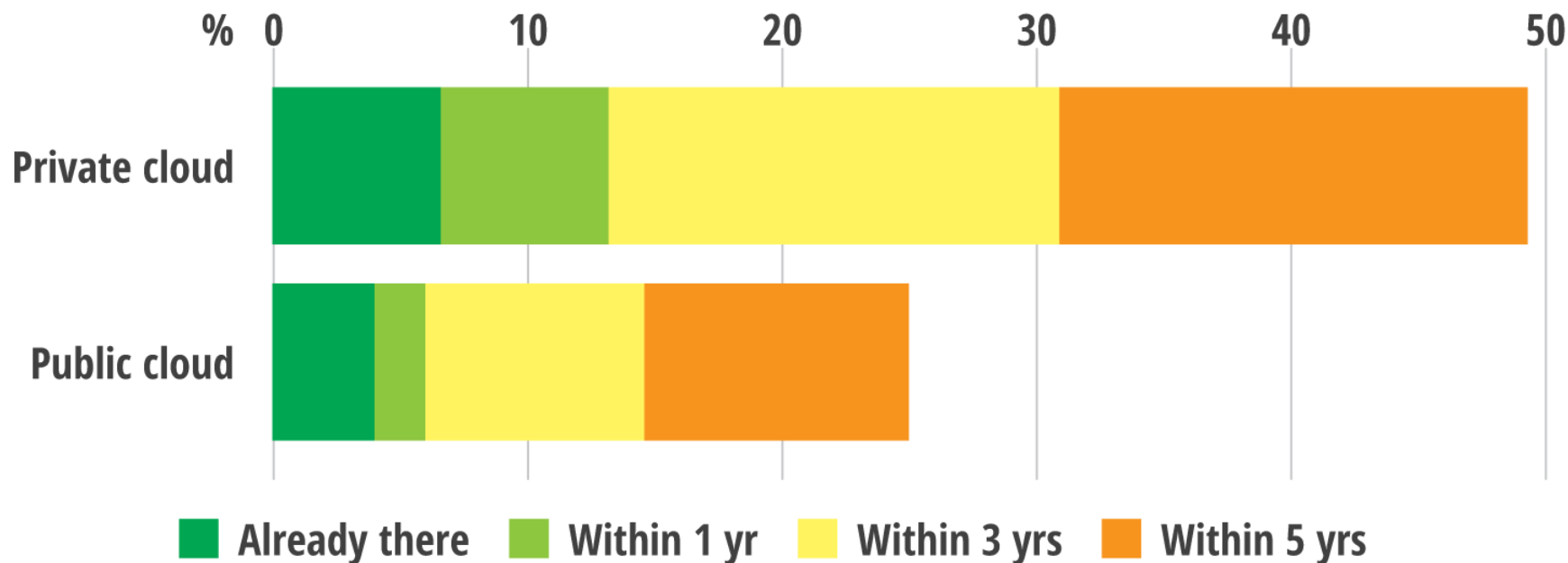
Here's why (and how).

Responsiveness and agility becoming top priorities



Private cloud is becoming central to IT strategy

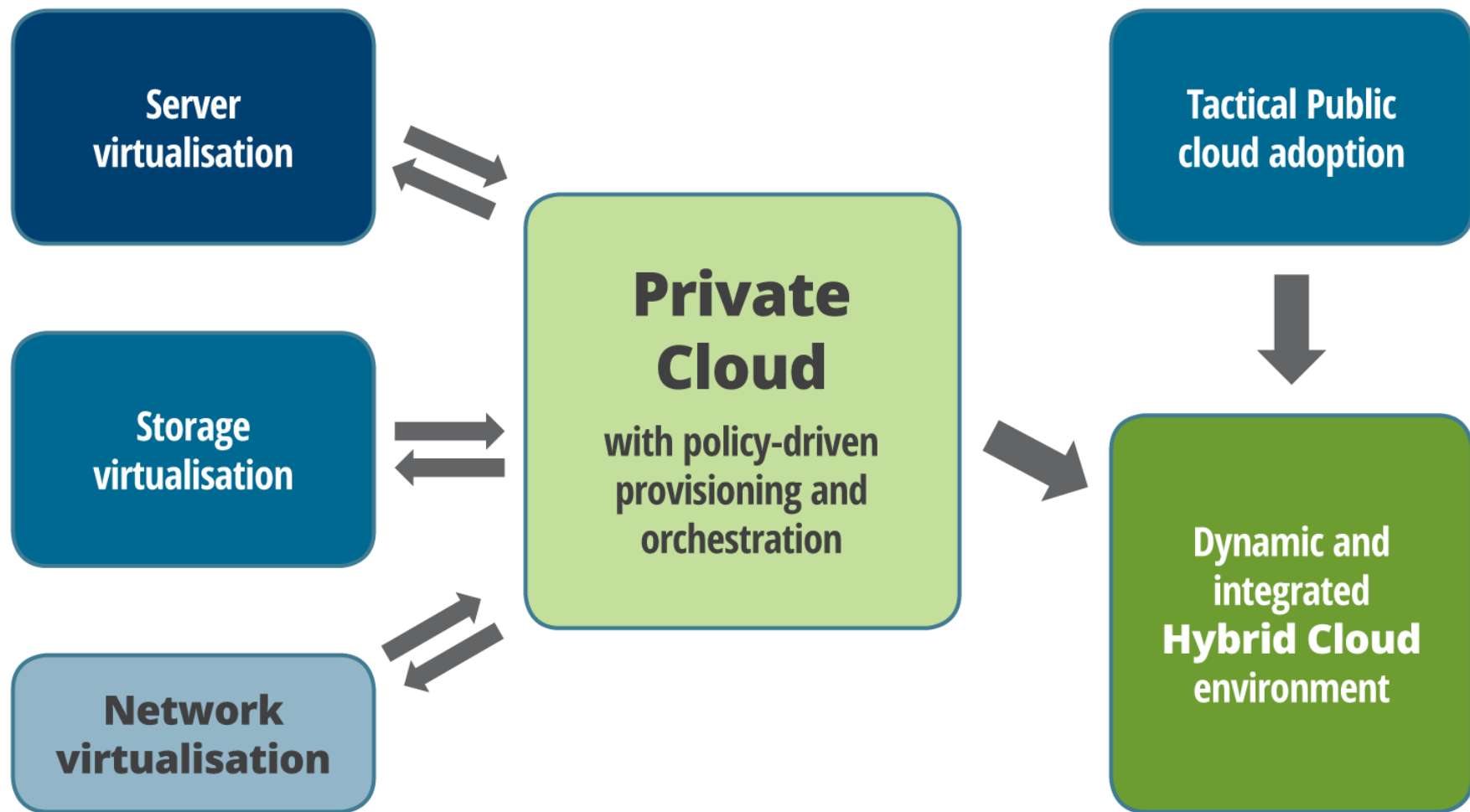
How soon do you see it before most of your IT is based on...?



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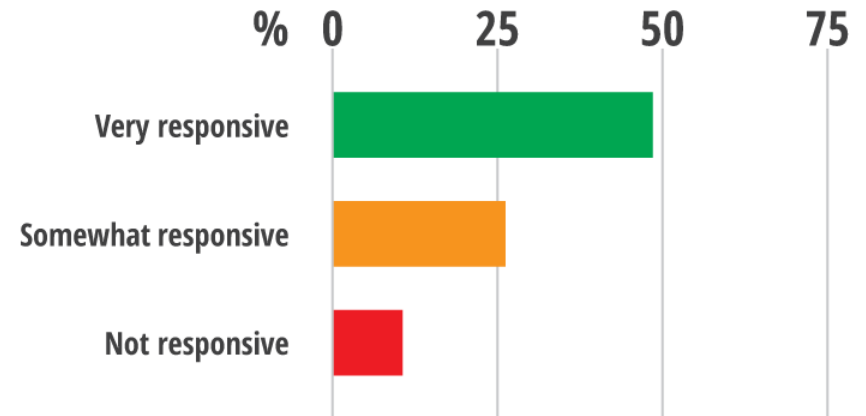
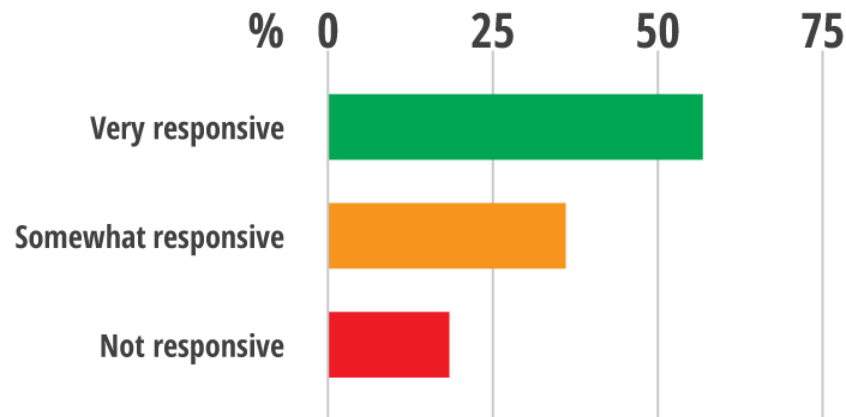


Dynamic IT needs the whole stack to participate



IT departments that are more responsive to change have better integrated teams and tools

The **tools** we use for managing servers, storage and networking work well together



Ops teams are well integrated across servers, storage and networking

Today's networks can't meet next wave expectations

Application Indifferent

Challenge to identify applications and meet diverse service levels

Rigid Physical Networks

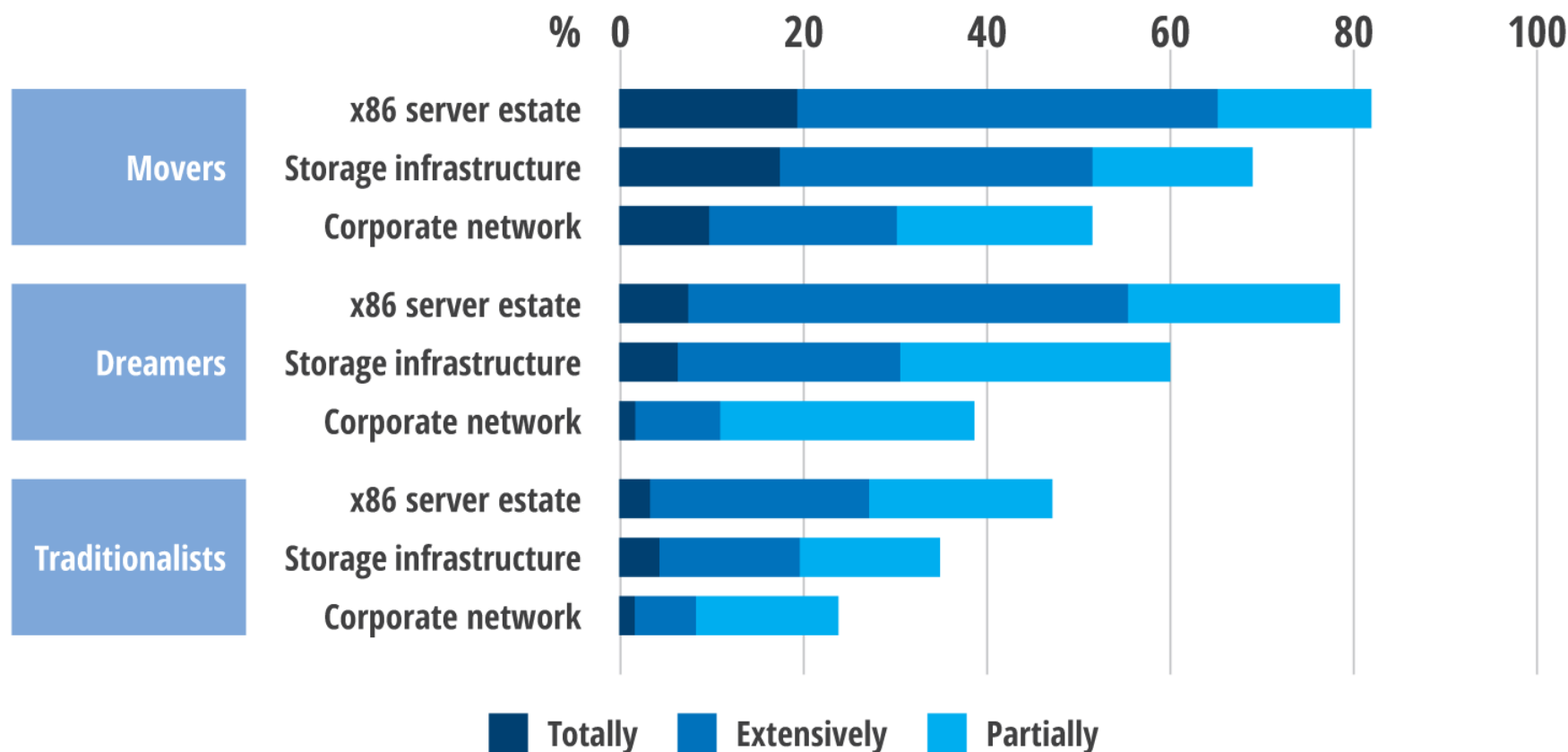
Architected for one tenant, user type & location - lacking programmability

Manual Management

Slow response to new app requirements & hampered by manual errors

The most advanced in vision are tackling network virtualisation

How much have you virtualised the following elements of your IT

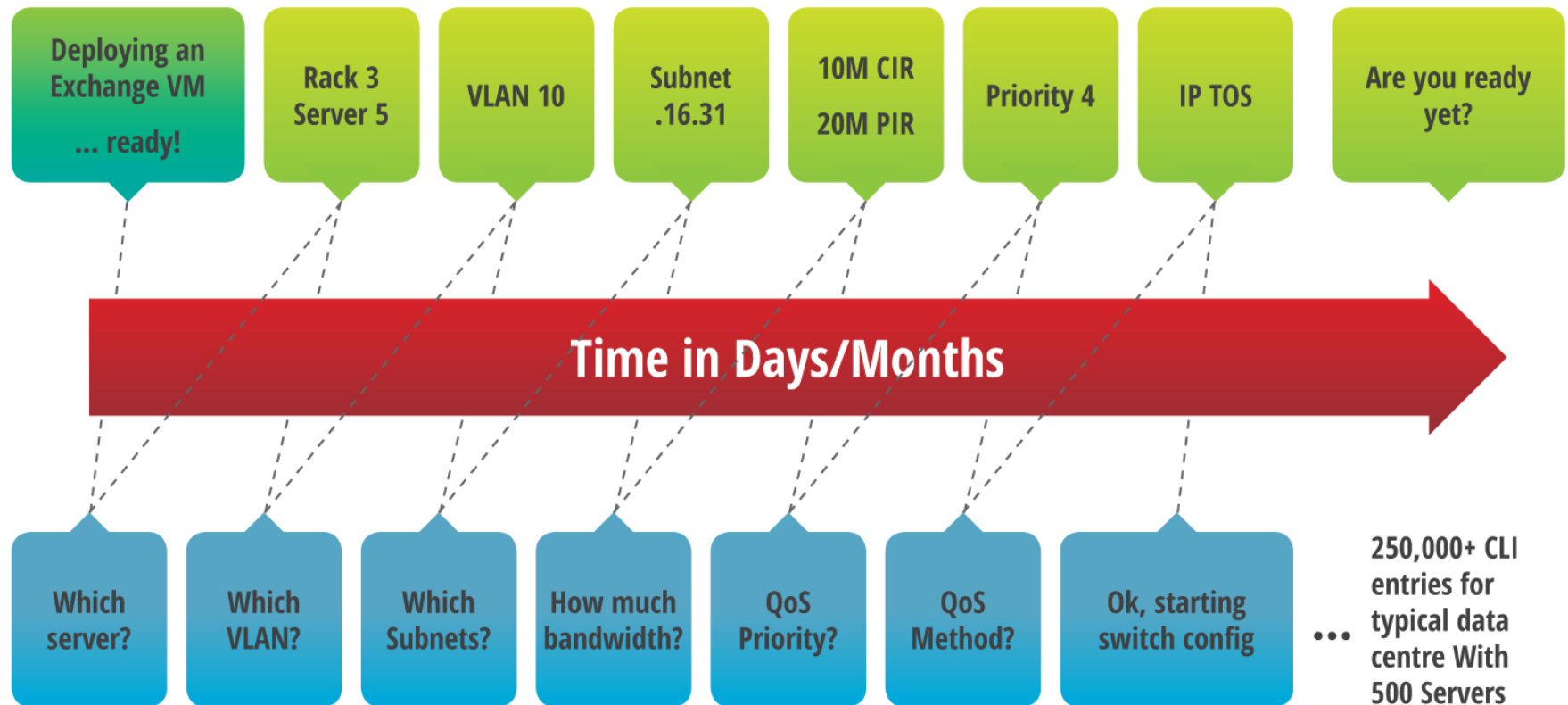


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Legacy networks slow application deployment

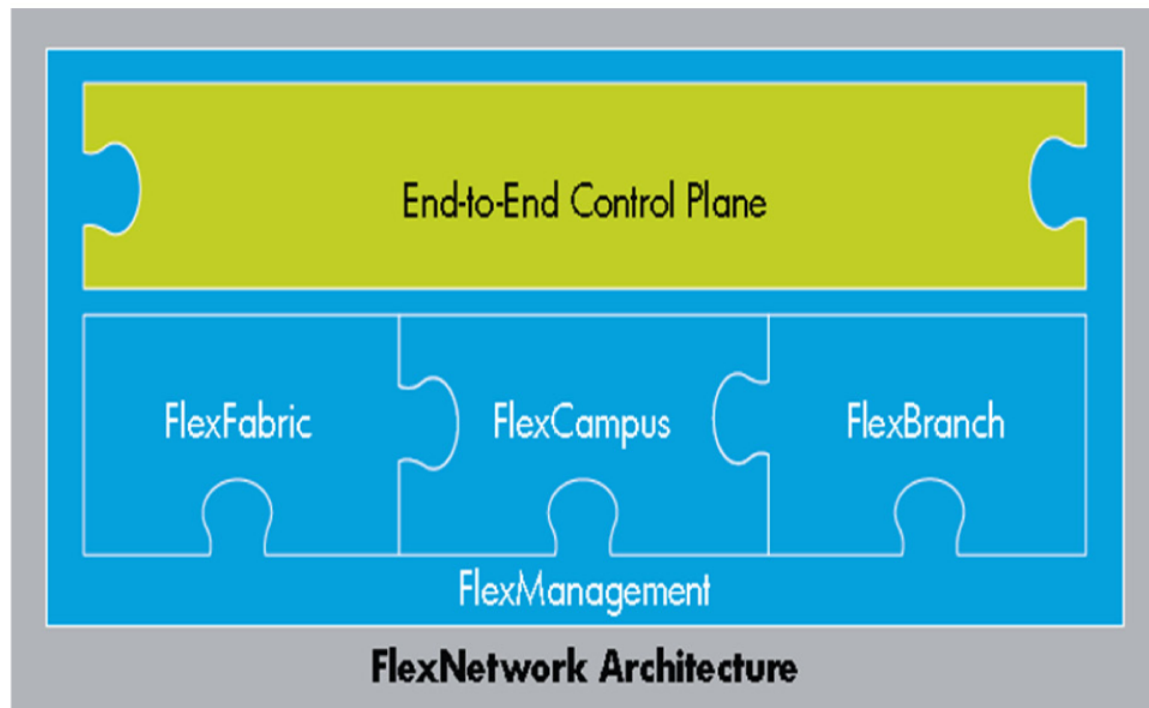
System Admin



Network Admin

Virtual application networks

Virtualise by extending a control plane across the entire network



Built on HP Innovations

Intelligent Resilient
Framework (IRF)

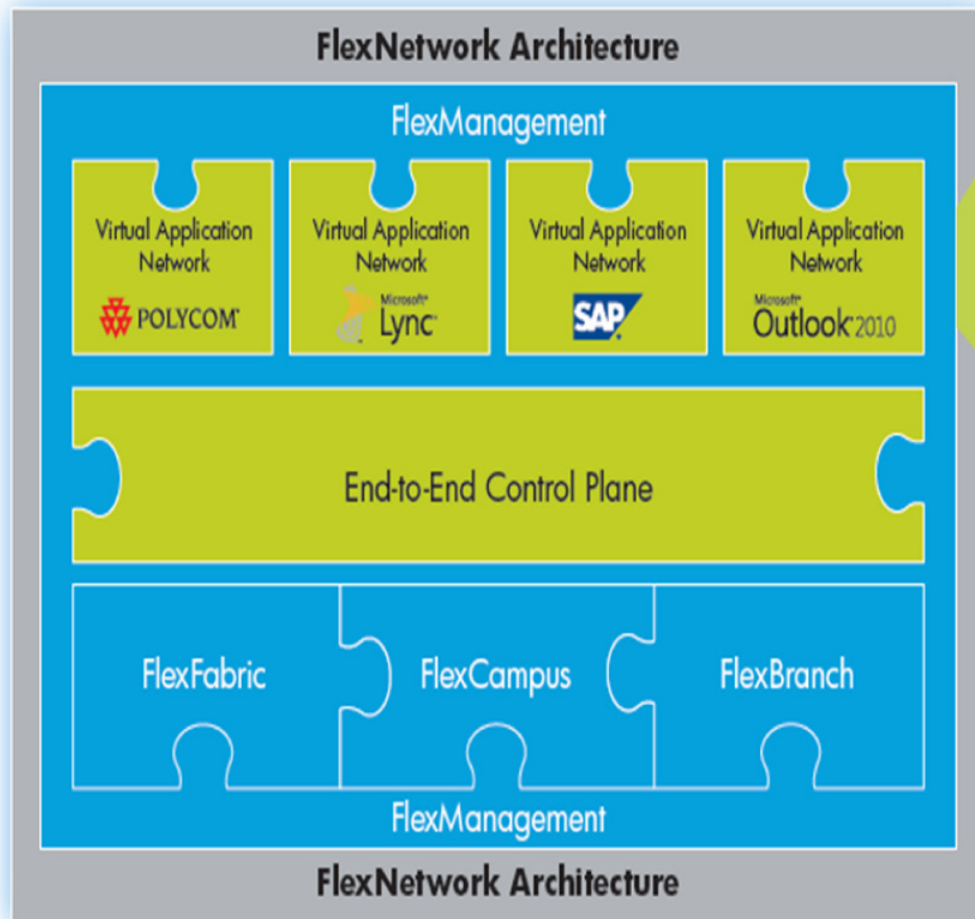


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Creating virtual application networks

IMC Virtual Application Network Manager Module

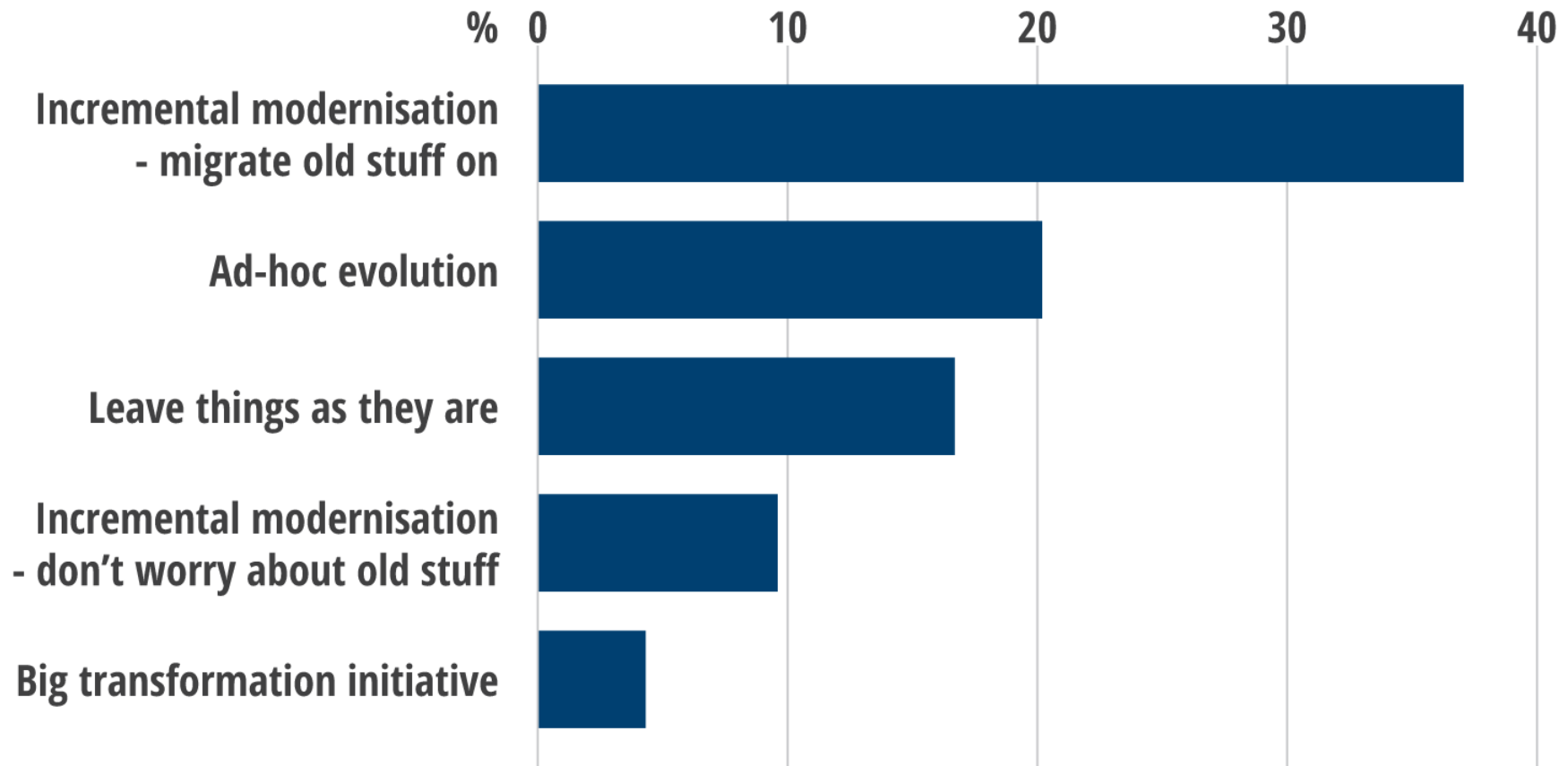


Virtual Application Networks

- Characterise applications
- Virtualise the network
- Automate orchestration

No big bang – change has to fit the bigger picture

What is your preferred plan for improving or evolving IT?



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Enable private cloud with virtual application networks

Delivering new applications in minutes versus weeks

Tune network to the application delivery requirements

Virtualise the network end to end, from application to user

Enable IT to manage the network with policies rather than CLI, scripts

Single pane-of-glass management for the physical and virtual network

Ensure choice with open, standards-based approach

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Further reading

- **A vision for the data centre**
bit.ly/YlhMLS
- **From virtualisation to private cloud**
bit.ly/V1lx4Z
- **Flatter, faster, more manageable networks**
bit.ly/U2m25y
- **HP Cloud Infrastructure Zone - Network**
bit.ly/XnyPvT

Thanks for joining us



An archived version of today's events will be made available on The Register in the near future.

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