The Changing Nature of Data Center Networking
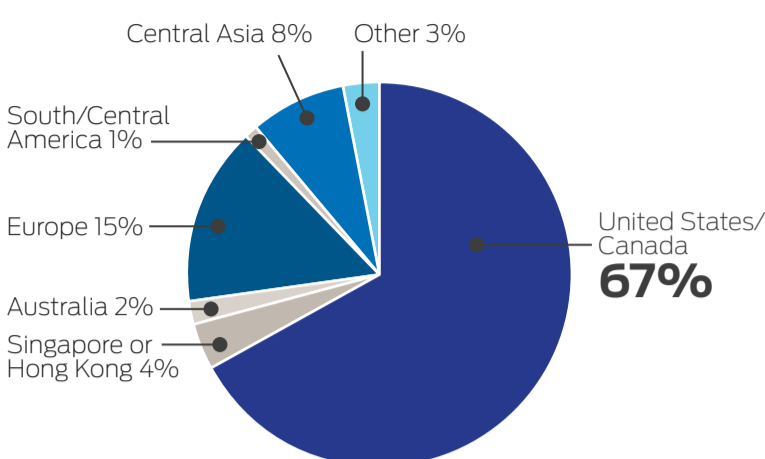
PwC led a 200+ company survey and interviews focused on Enterprise Cloud Data Center (demographics)
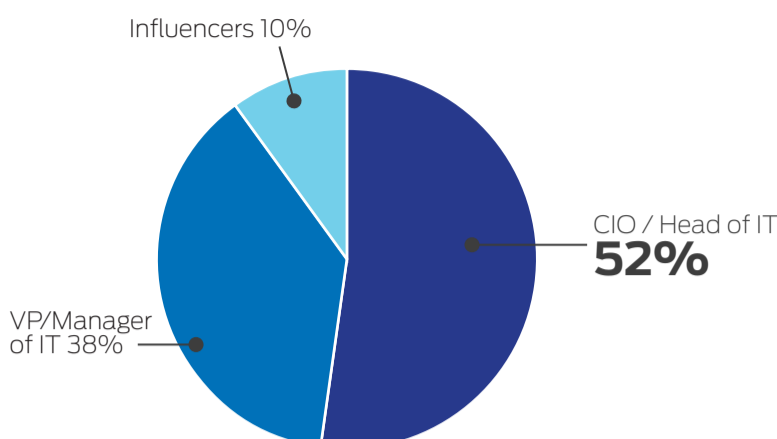
REGIONS
67% are from United States/Canada

- Central Asia 8%
- Other 3%
- South/Central America 1%
- Europe 15%
- Australia 2%
- Singapore or Hong Kong 4%
- United States/Canada **67%**

ROLES
52% are CIO / Head of IT within IT organizations

- Influencers 10%
- CIO / Head of IT **52%**
- VP/Manager of IT 38%

As digital transformation disrupts the enterprise, CIOs are pivoting toward:

MITIGATING **RISK** (security)

MODERNIZING THEIR **DATA CENTERS** (automation, agility)

IT leaders and implementers generally agree about priorities:

CIO	VP/Manager of IT
Security	Security
Automation and orchestration	Automation and orchestration
TCO savings	Technology innovation
Agility	TCO savings
Technology innovation	Agility

3 key insights from PwC's survey:

INSIGHT#1

SECURITY IS MORE THAN JUST A CISO CONSIDERATION
It's now a board-level concern

INSIGHT#2

AUTOMATION HAS OVERTAKEN TCO AS A PRIORITY
Today's network must be able to surface threat intelligence and quickly quarantine bad actors.

INSIGHT#3

CLOUD IS HERE AND NOW
... and it's happening across all major classes of workloads.

All while keeping costs down
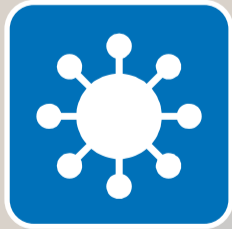
Additional survey findings

100%
of enterprise workloads are shifting from on-premises to **public cloud** in the next 1–3 years

64%
of IT organizations are increasing their spend on **SDN**, compared to the majority of enterprises decreasing their spend on switches in the next 1–3 years

MICROSEGMENTATION
is considered the leading value driver for enterprises to **adopt SDN** within their data centers

73%
of enterprises have a **multivendor** data center strategy, with Tech, Manufacturing, and Public Sector leading the way

Download a copy of the PWC research at
www.juniper.net/automateyournetwork

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