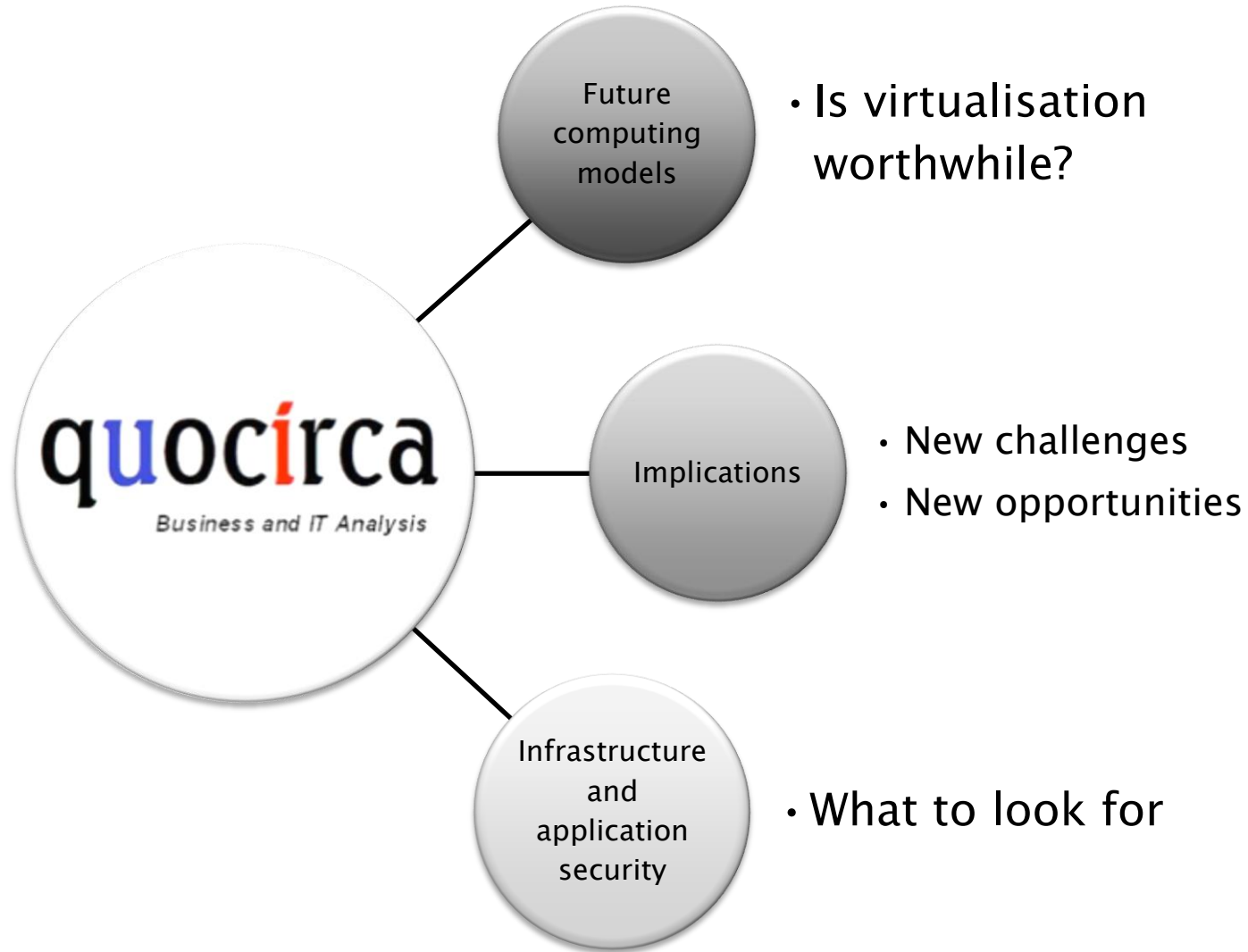


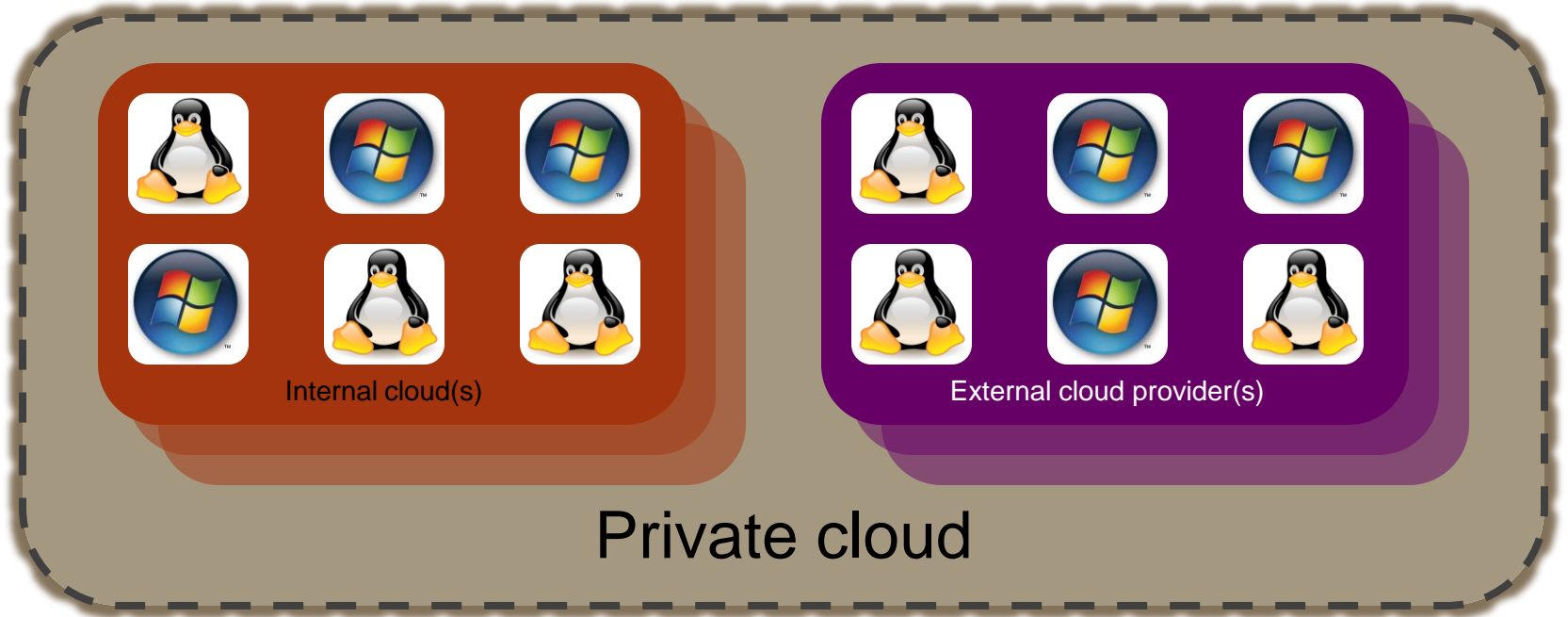
# The virtualisation landscape

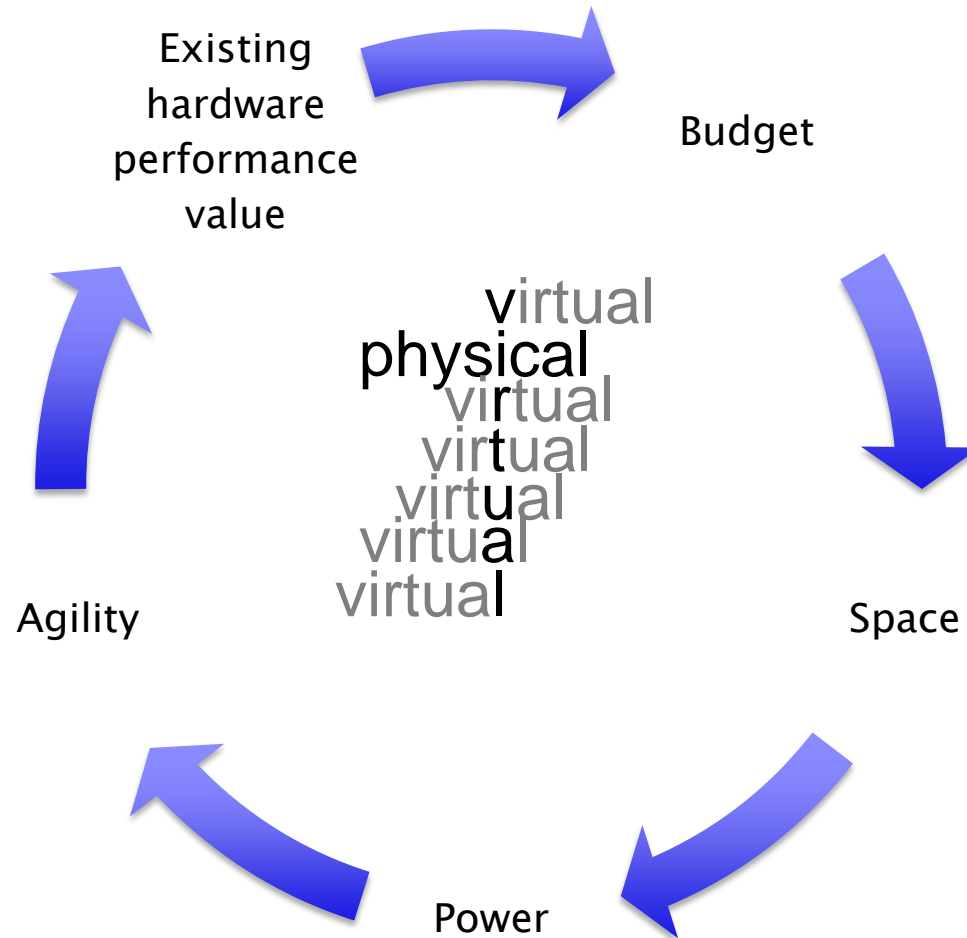
## Security and Manageability

Simon Perry

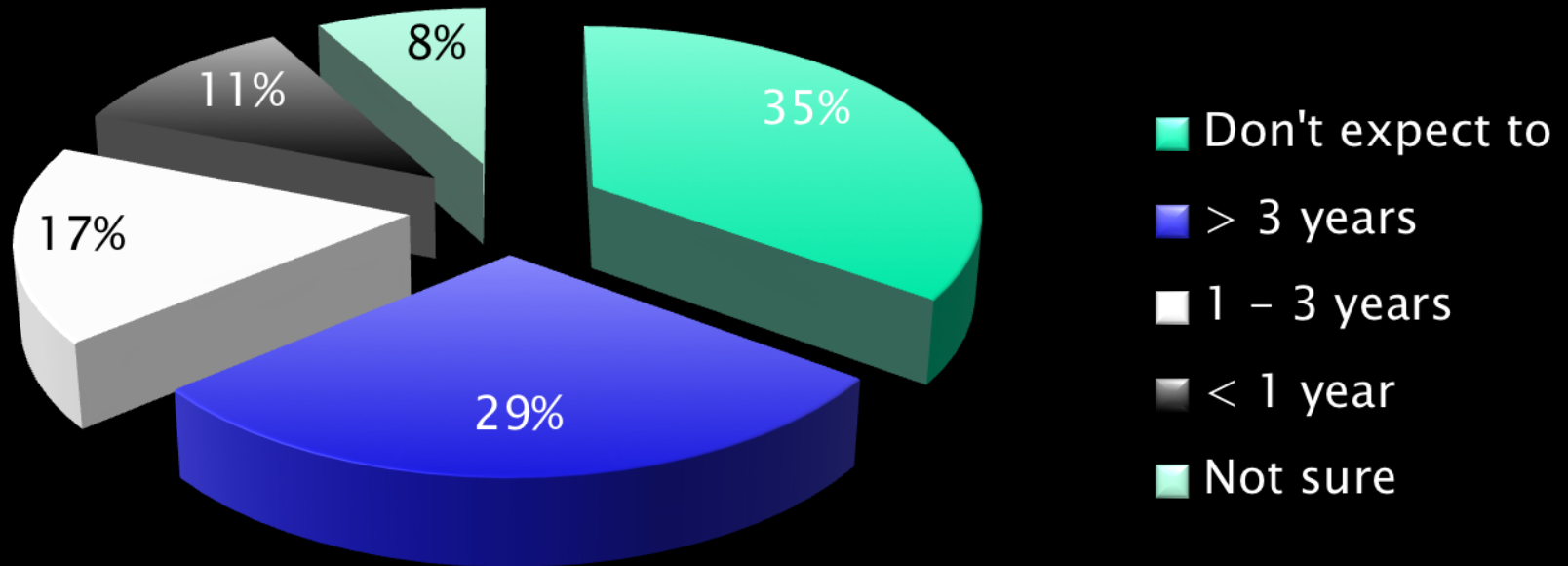
Principal Associate Analyst – Sustainability



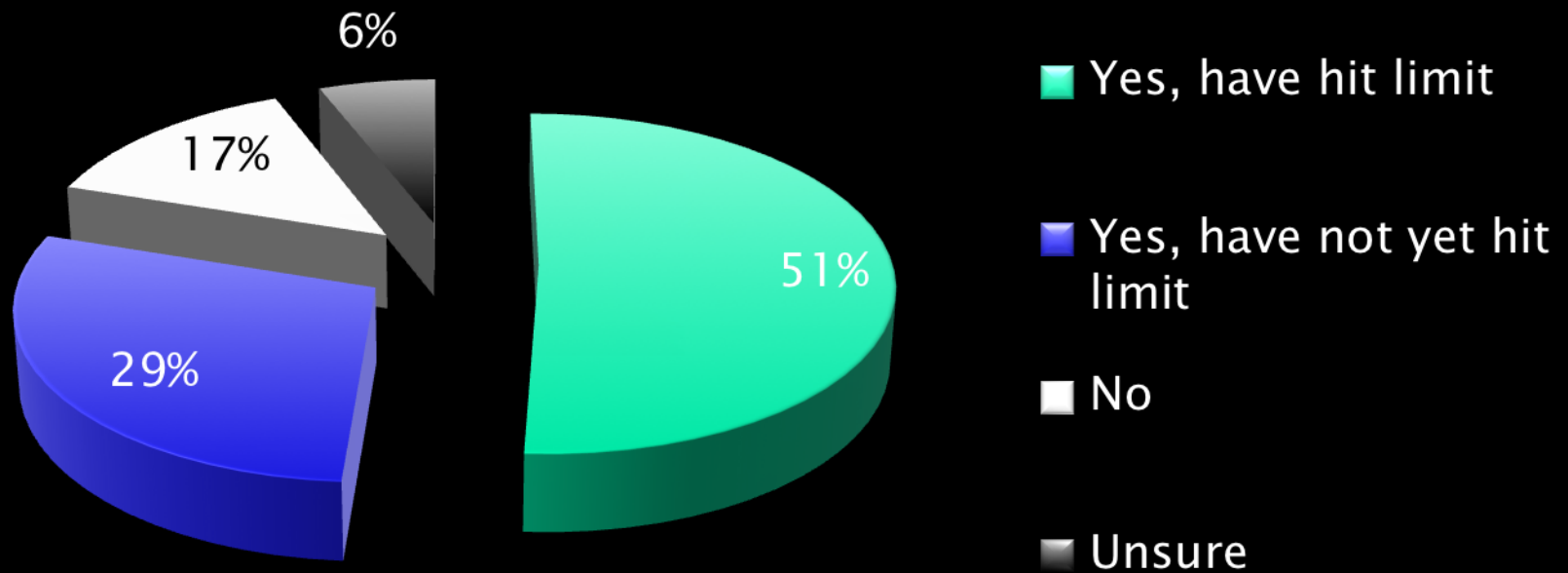




## When will you run out of data centre space?

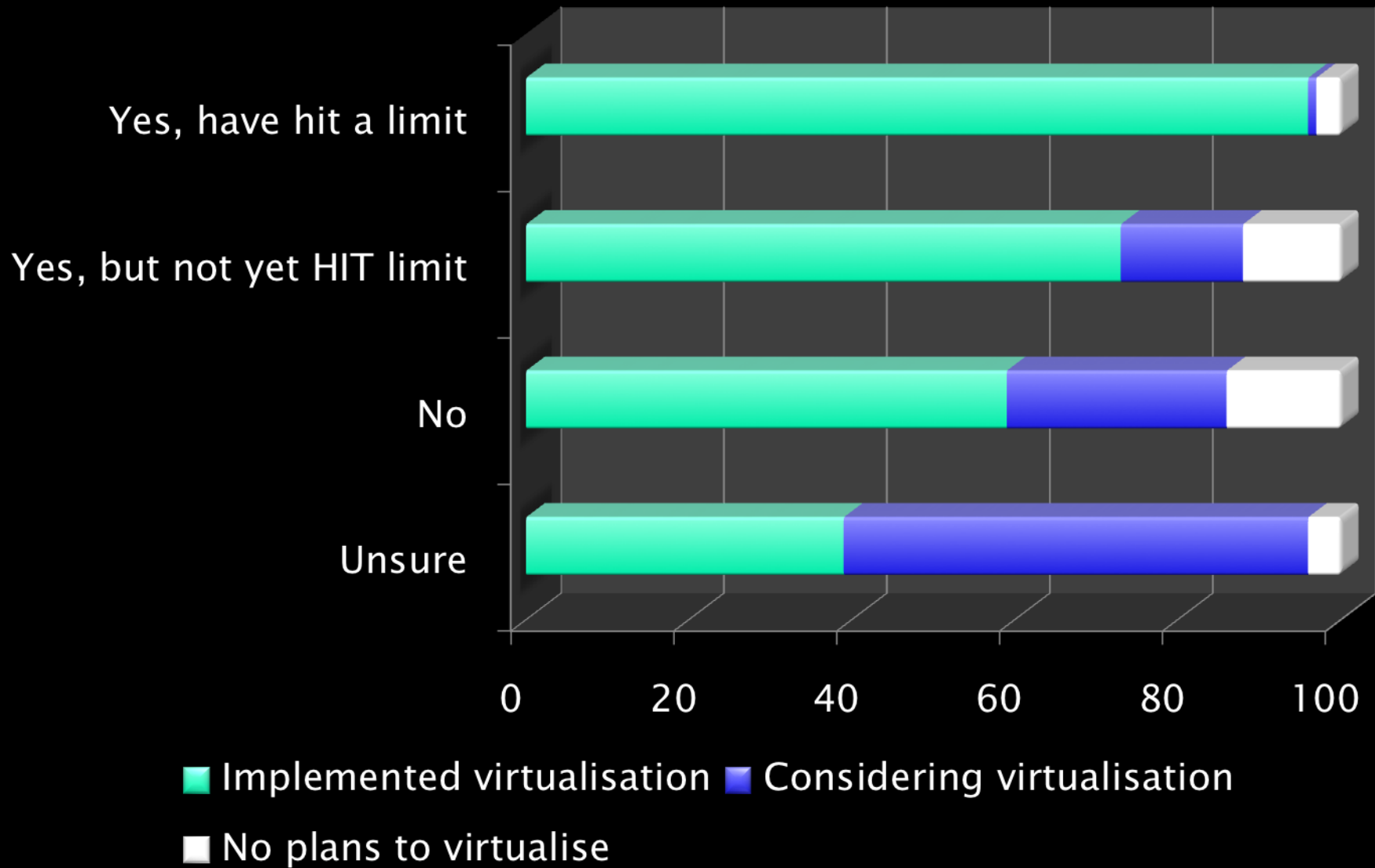


## Is your data centre power constrained? \*

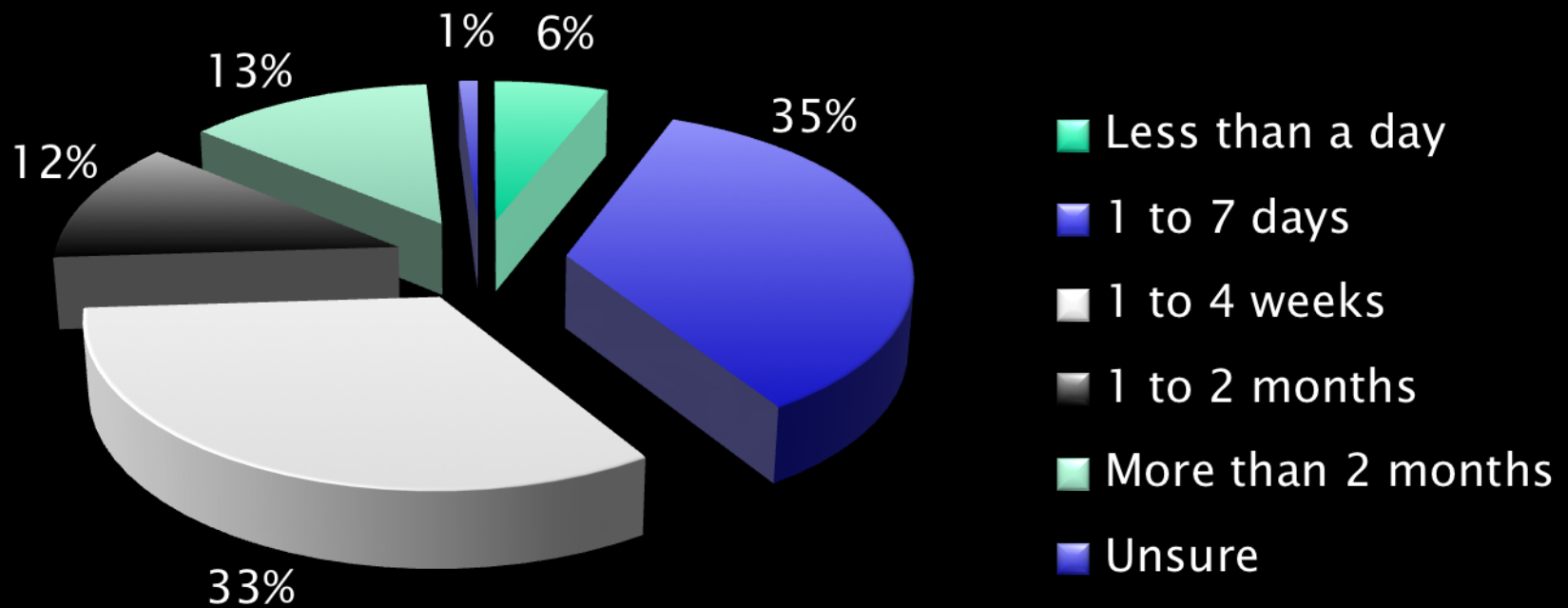


\* No more power can be supplied to the building

# Correlation between being power constrained and having virtualised



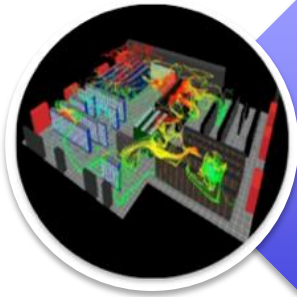
## How long does it take to provision a new new physical server? \*



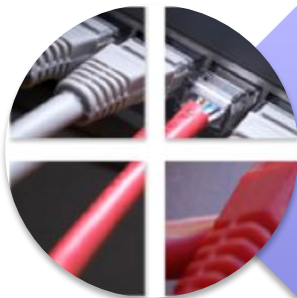
\* From "decision" to "provision"



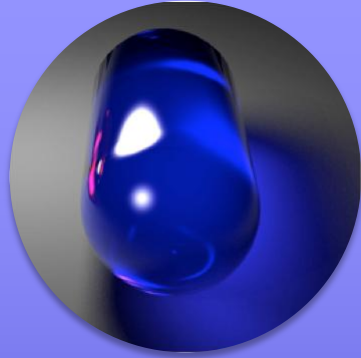
Virtualisation is “green”



Virtualisation will solve all data centre power and heat problems



Virtualisation reduces infrastructure management issues



Security



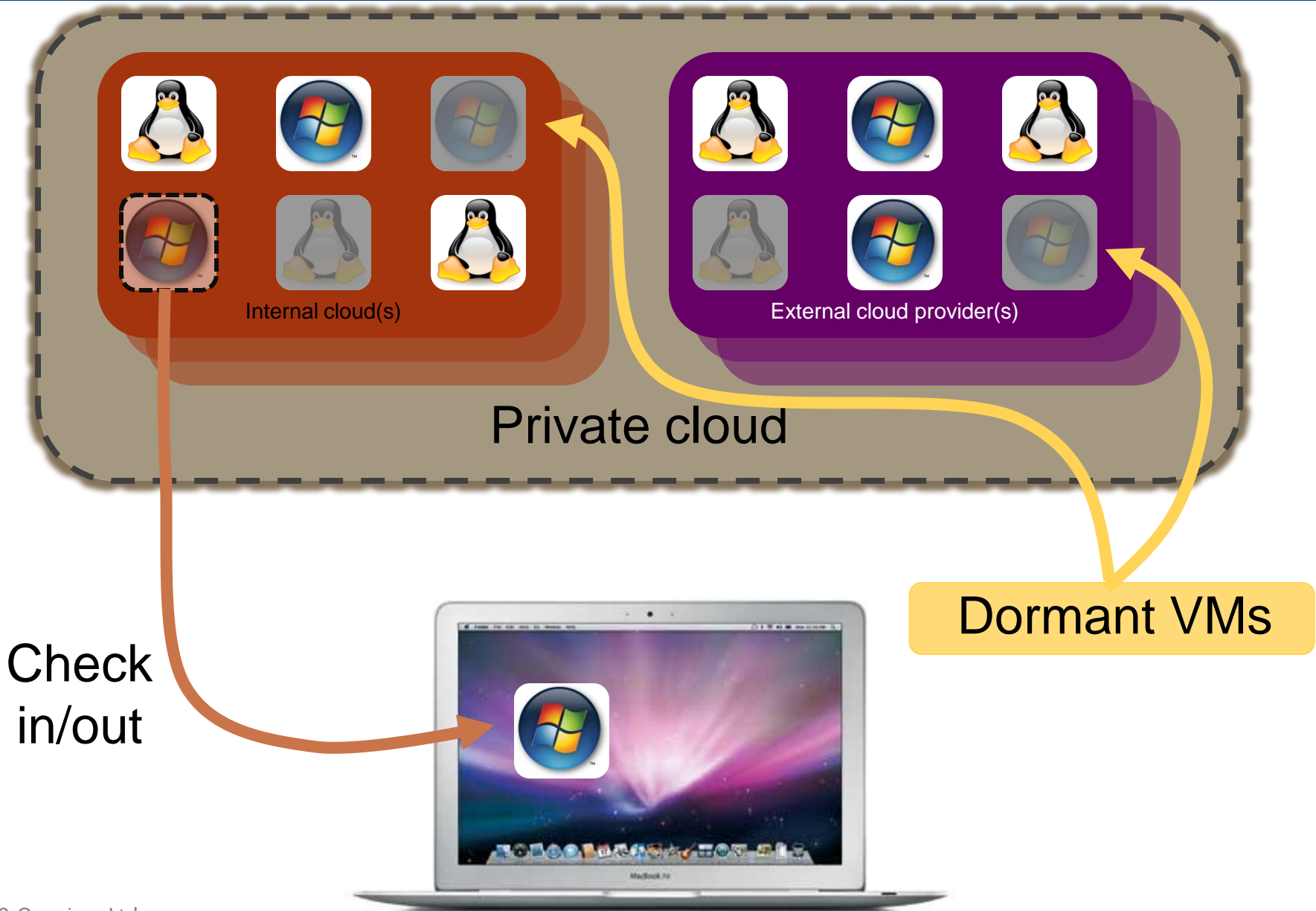
Tendency to  
spawn



Balancing  
workload  
requirements

← Planning avoids many problems →

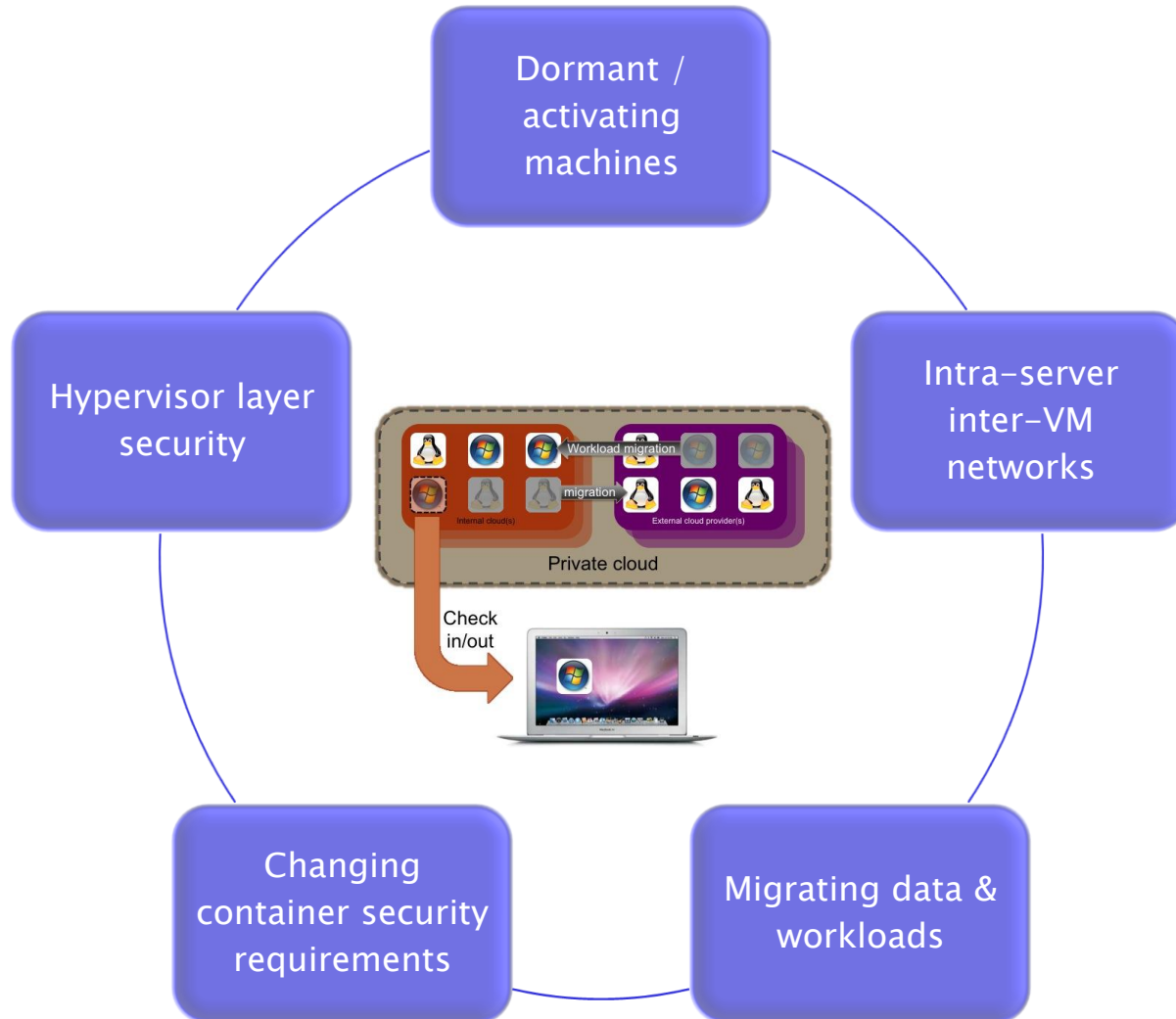
# Virtualisation challenges 1

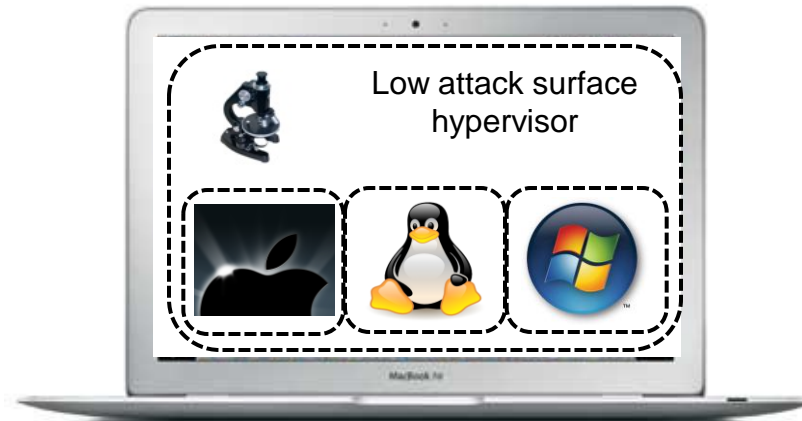




Check  
in/out







- **Managing 21st Century Networks** (Quocirca, January 2007)

[http://www.quocirca.com/pages/analysis/reports/view/store250/item3609/?link\\_683=3609](http://www.quocirca.com/pages/analysis/reports/view/store250/item3609/?link_683=3609)

- **The Distributed Business Index** (Quocirca, March 2008)

[http://www.quocirca.com/pages/analysis/reports/view/store250/item20918/?link\\_683=20918](http://www.quocirca.com/pages/analysis/reports/view/store250/item20918/?link_683=20918)

- Quocirca recommends the forthcoming book from Stewart Room of Field Fisher Waterhouse LLP based on its seminar series reviewing legal aspects of data protection and data privacy. For more information go to:

<http://www.ffw.com/publications/all.aspx?Person=1282>

- **Why Application Security is Crucial** (Quocirca, March 2008)

[http://www.quocirca.com/pages/analysis/reports/view/store250/item21107/?link\\_683=21107](http://www.quocirca.com/pages/analysis/reports/view/store250/item21107/?link_683=21107)

- **Superhighway at the Crossroads** (Quocirca, September 2008)

[http://www.quocirca.com/pages/analysis/reports/view/store250/item21547/?link\\_683=21547](http://www.quocirca.com/pages/analysis/reports/view/store250/item21547/?link_683=21547)