

Data Centers – Again on Center Stage!

Next generation designs and delivery models



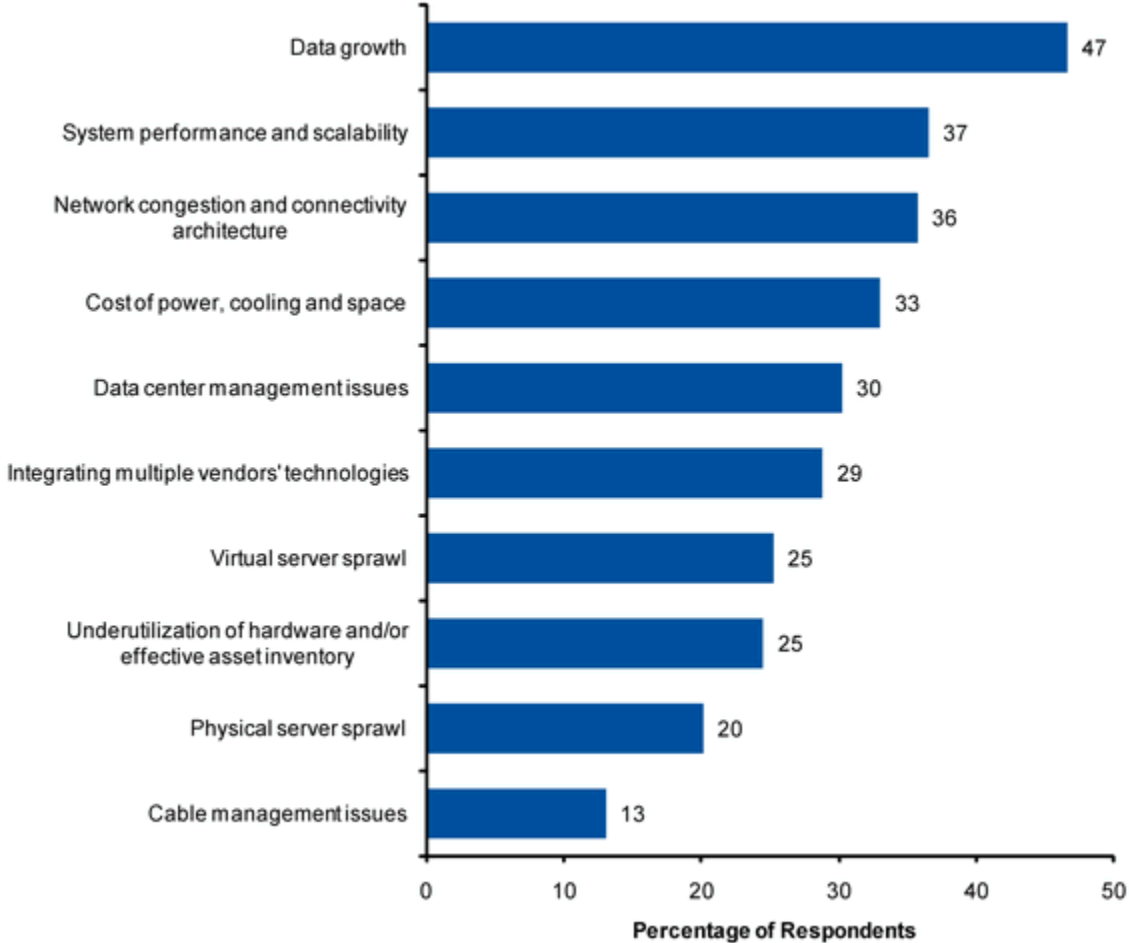
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Gartner Consulting

Hva er det saken dreier seg om?



Big Challenges

- Data growth
- Performance and scalability
- Network congestion
- Power, cooling, space and CO2



CIO Priorities Converge in the Data Center

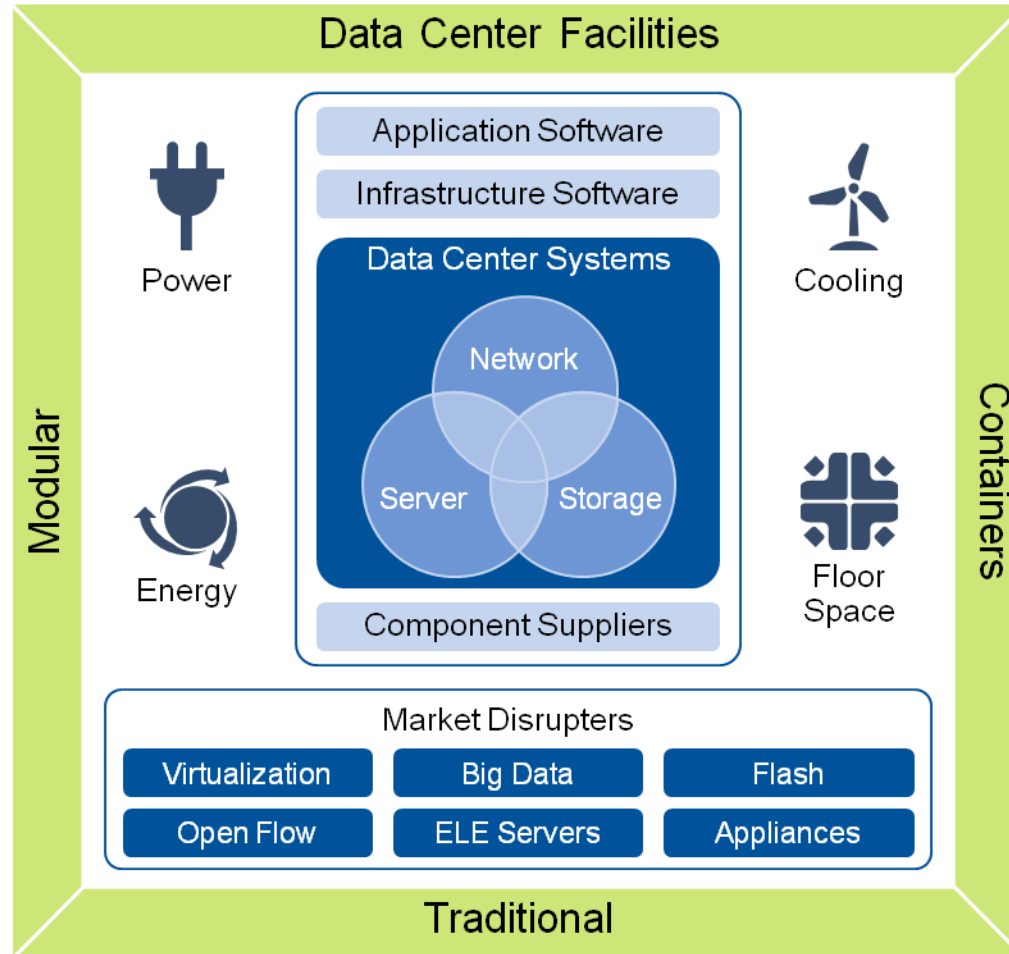
CIO Technologies		Ranking of technologies CIOs selected as one of their top five priorities in 2011.			
Ranking	2011	2010	2009	2008	
Cloud computing	1	2	16	*	
Virtualization	2	1	3	3	
Mobile technologies	3	6	12	12	
IT management	4	10	*	*	
Business intelligence (BI)	5	5	1	1	
Networking, voice and data communications	6	4	6	7	
Enterprise applications	7	11	2	2	
Collaboration technologies	8	10	5	8	
Infrastructure	9	14	7	6	
Web 2.0	10	3	15	15	

* New response category.
Source: CIO Survey

- Cloud computing and virtualization are topping CIO concerns in 2011.
- Communications (in DC and throughout enterprise) are a perennial top 10 issue.
- A credible, converged DC story can address numerous CIO priorities at once.

Data Center Infrastructure Agenda

✓ Server, storage and networking technologies
 ✓ Technology and management advances affecting energy, power, cooling and floor space
 ✓ Data center infrastructure management



ELE = Extreme Low Energy

Source: [Gartner](#)

Evolution of the Data Center: Expanding Expectations, Extending Its Reach

