

Resources, ROI, and Responsibility

Lenny Liebmann, InformationWeek

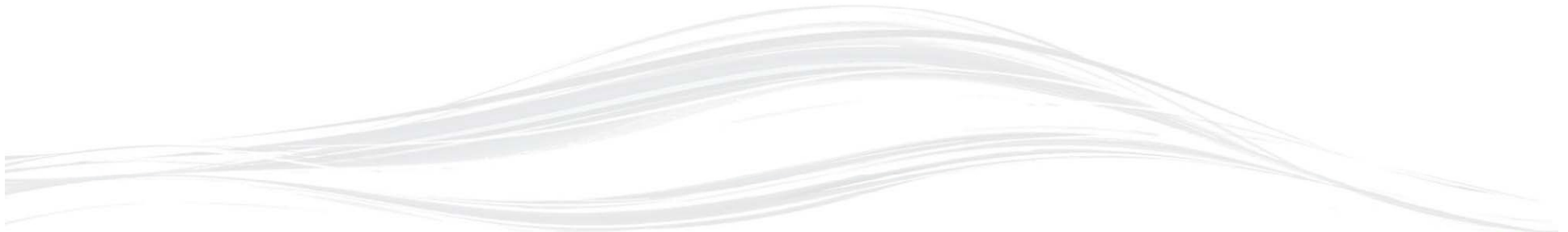
InformationWeek InformationWeek Financial Services InformationWeek Global CIO InformationWeek Government InformationWeek Healthcare InformationWeek SMB the brainyard
BYTE darkREADING Dr.Dobb's enterprise efficiency internet evolution Network Computing digitallibrary techweb







The IT Resource Stack



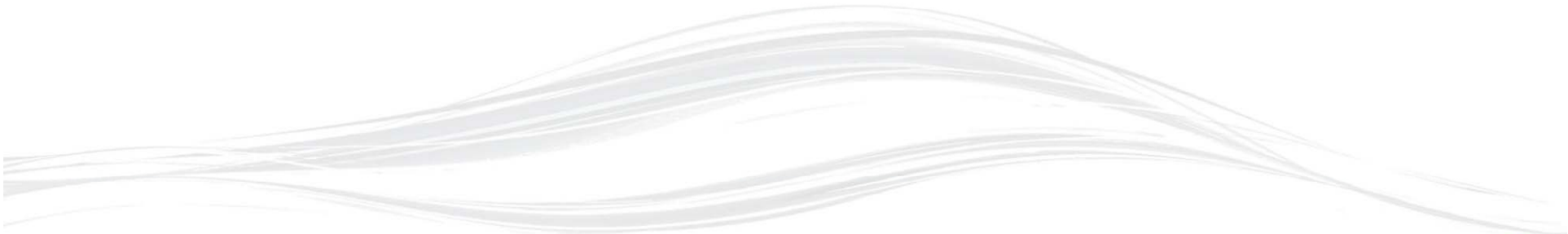
The IT Resource Stack



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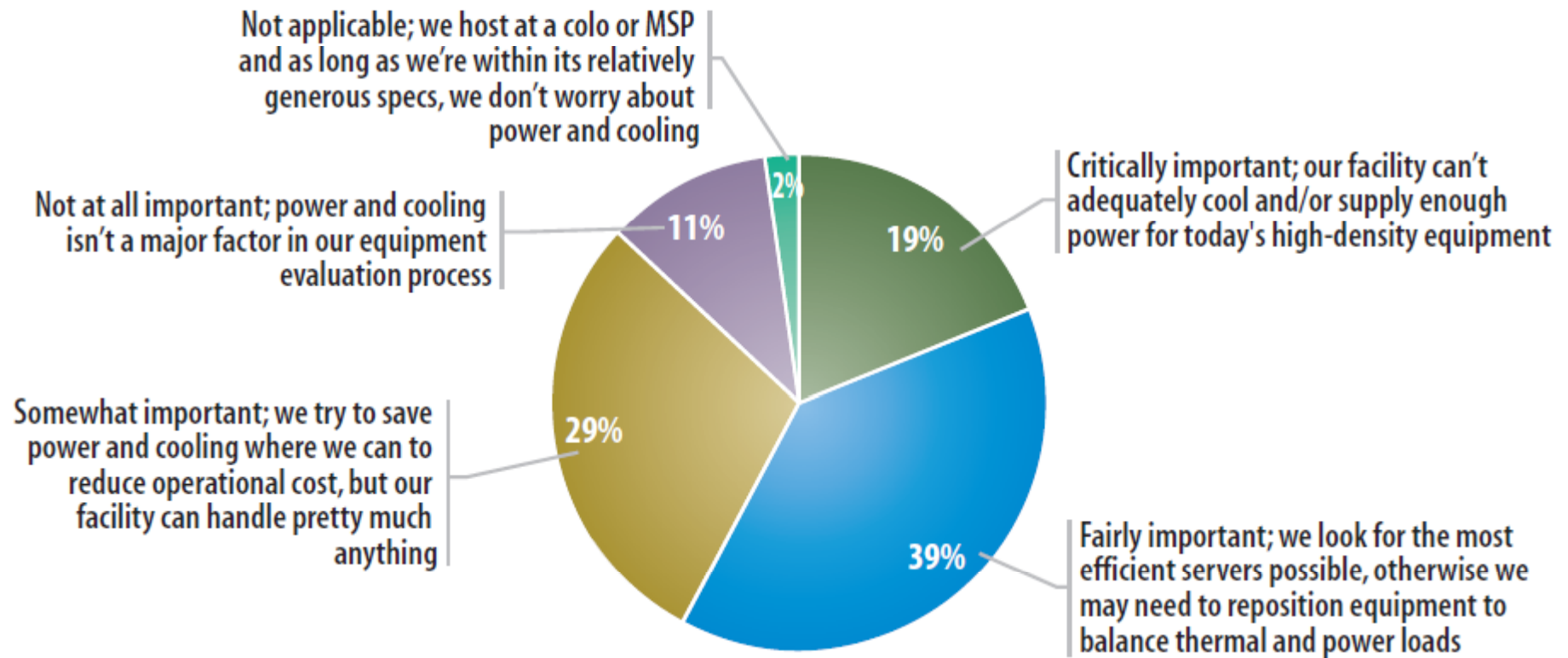
The IT Resource Stack



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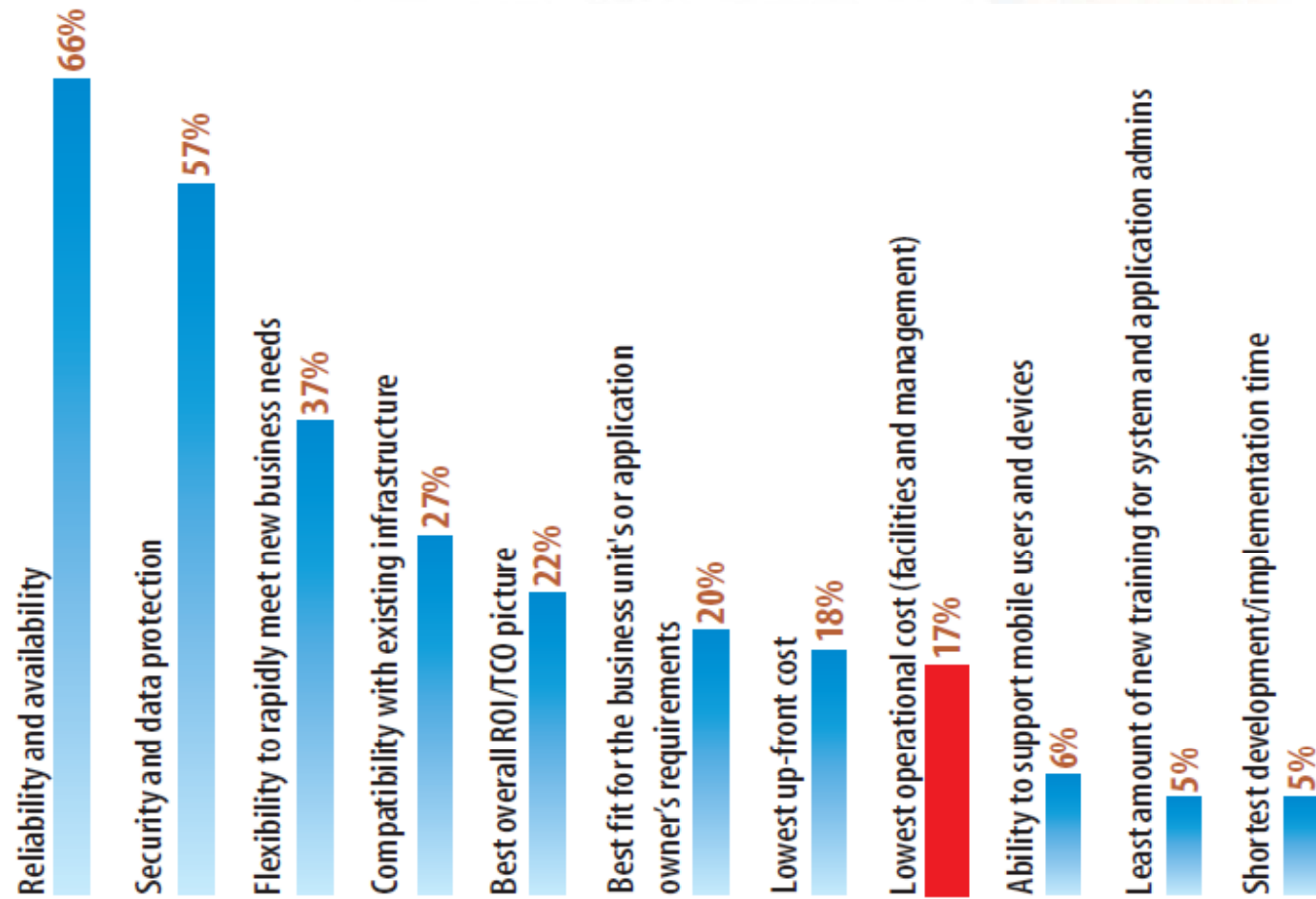


How important is power and cooling?



Source: InformationWeek, State of the Data Center 2013

Data center drivers



Source: InformationWeek, State of the Data Center 2013

Long-term plans for new applications

Add servers and virtualize aggressively but likely won't have to build new facilities



Use colocation facilities but run applications on our own hardware



Add servers and likely have to build new facilities



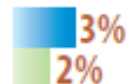
Reuse/repurpose existing hardware



Use multitenant public cloud (IaaS) facilities



Get out of the application hosting business wherever possible and rely on SaaS



2013 2012

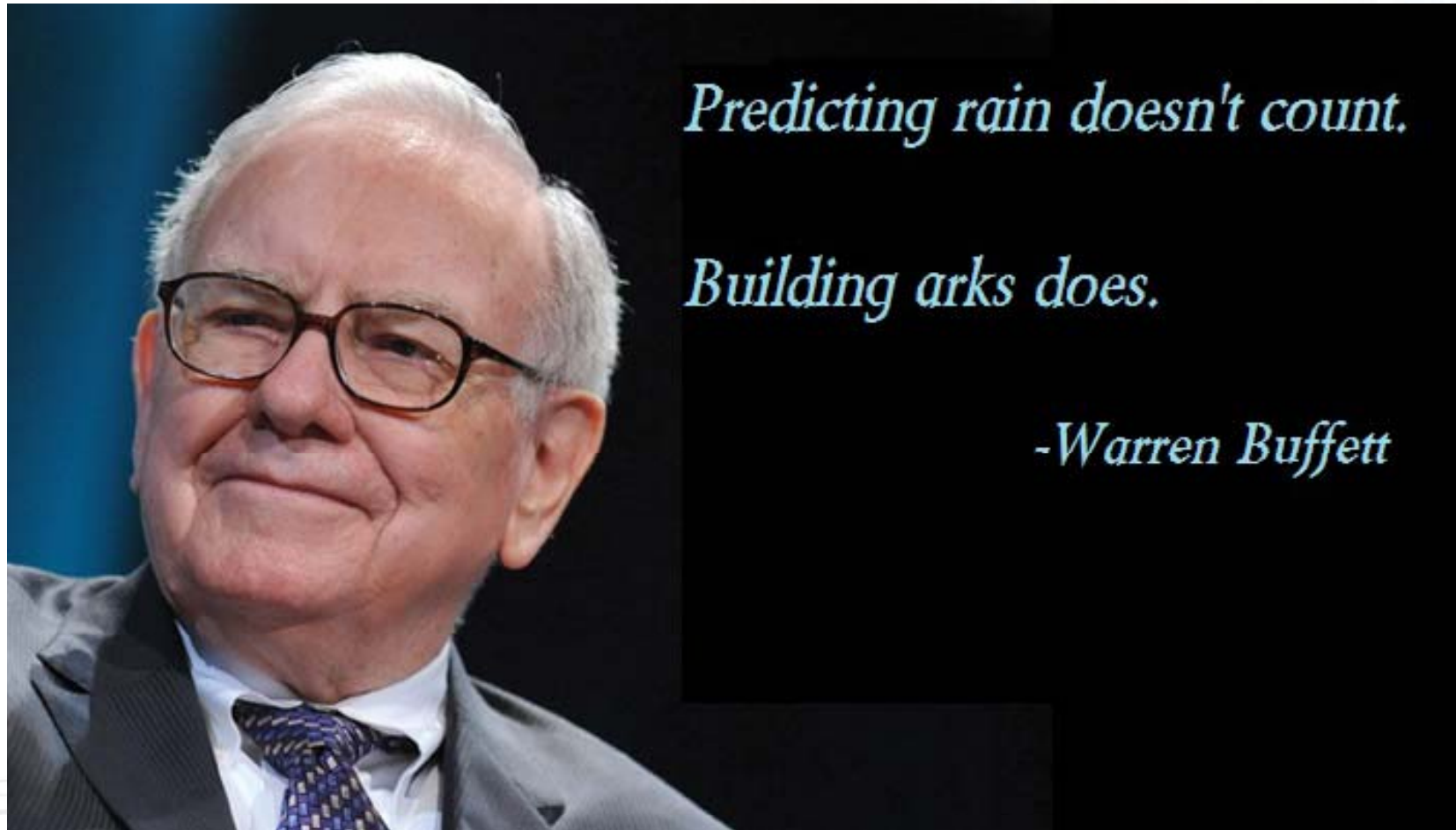
Source: InformationWeek, State of the Data Center 2013

The OpEx toolbelt

- **Virtualization**
- **Cloud, colo, and XaaS**
- **Consolidation**
- **DCIM**
- **ITIL**
- **Workload visibility and planning**

dark READING

The State of



Agenda

Keynote

Carl Claunch, Gartner Research

Green IT

Paul Vaccaro, Intel
David Seger, CH2M Hill

DCIM

Yue Ma, Siemens
Mike Zapata, Siemens

Solutions Showcase

Sustainability

Craig Harrison, Niobrara

Panel

Carl Claunch, Gartner Research
Craig Harrison, Niobrara
David Seger, CH2M Hill
Paul Vaccaro, Intel

Lunch

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