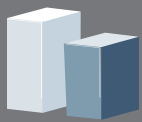


THE TRANSFORMATION OF DATA CENTER POWER ARCHITECTURES



Yottabyte
Zettabyte
Exabyte
Petabyte
Terabyte
Gigabyte

BIG DATA brings BIG CHALLENGES



CAN YOU MANAGE?

Each day over 2.5 exabytes of data are generated. By 2020 over 40 zettabytes will be created. *Adeptia 2015*



SAY WHAT?

42 zettabytes = Digitized storage requirements for all human speech ever spoken to date. *Mark Lieberman 2014*



DID YOU KNOW?

34 billion devices will be connected to the internet by 2020. *BI Intelligence 2016*

IMPACT OF IT DATA EXPLOSION



By 2018, 50% of all server racks in North America will be at cloud and colocation datacenters. *451 Group 2015*



By 2017, 70% of DC storage will reside in hyperscale facilities. *IDC Market Analysis 2015*



Enterprise workloads moving to the cloud.
■ 88% of enterprises are using public cloud while 63% are using private cloud.

Rightscale 2015



70% Of large and mid-sized data centers will overhaul their network infrastructure. *IDC Market Analysis 2015*



Data Centers Respond:
90% of firms in the US overprovision cloud and data center infrastructure by 25 to 50% or more. *WiredRE*



IDC Prediction: By 2017, 25% of all businesses will confront significant power/cooling mismatches with new IT systems, limiting them to using less than 75% of their physical datacenter space



80% of colos utilize N+1 power. *Primetica 2015*

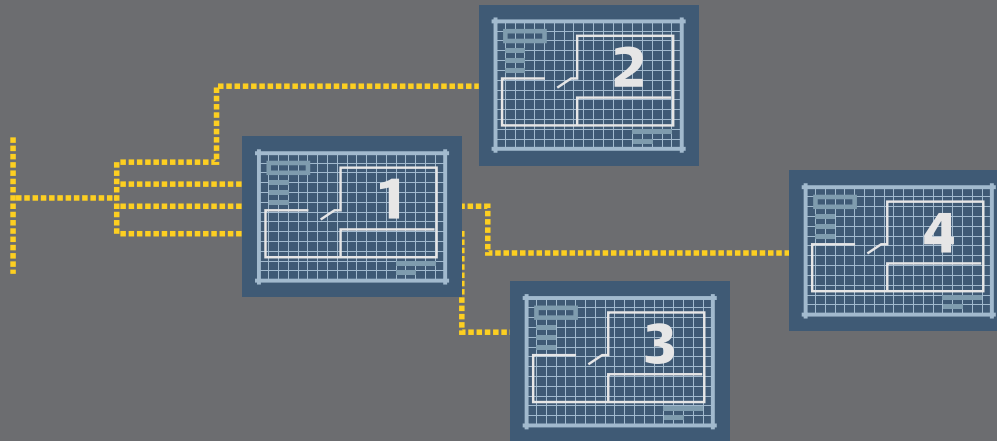
NEW DATA CENTERS ADOPTING POWER ALTERNATIVES



ALTERNATIVE ARCHITECTURES ARE GAINING ATTENTION

▶ SEE 4 NEW CONFIGURATIONS THAT LOWER COSTS
AND SPEED DEPLOYMENTS

▶ FIND OUT IF ONE IS RIGHT FOR YOU



Gain Insight by reading this report:

DATA CENTER TRANSFORMATION:

The Impact Of Emerging Power Architectures

On Today's Data Centers. Download it here:

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