8 TRENDS SHAPING IT INFRASTRUCTURE TODAY

The datacenter is no stranger to transformation. From storage to servers to software, IT infrastructure is a different beast now than it was years ago. Here's what's trending in infrastructure today.
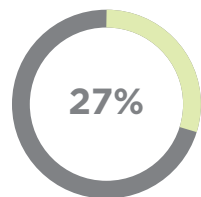
NUTANIX

01 FLASH STORAGE

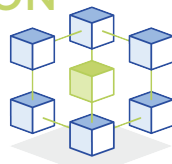IS FAST, DURABLE, RELIABLE, AND IT'S GETTING MORE AFFORDABLE

02 SOFTWARE

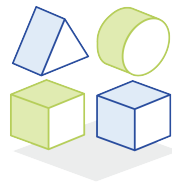DEFINED DATACENTERS (SDDCs) ARE RISING, DELIVERING BETTER FLEXIBILITY WITH REDUCED COSTS

27% OF BUSINESSES SAY IMPLEMENTING AN SDDC STRATEGY IS AMONG THEIR TOP 3 INVESTMENT PRIORITIES

03 HARDWARE COMMODITIZATION

TODAY'S MOST POWERFUL STORAGE AND NETWORKING COMPANIES ARE ACTUALLY SOFTWARE COMPANIES
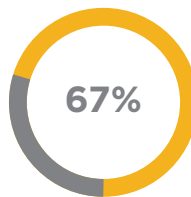
04 HYPERVISOR COMMODITIZATION

FEATURE-RICH HYPERVISORS ARE NOW A COMMODITY FOR MANY ORGANIZATIONS. SINCE THE GUARANTEED FEATURES ARE THERE, SWITCHING IS FAR MORE FEASIBLE
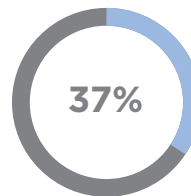
05 THE HYPERCONVERGED REVOLUTION

BRINGING CLOUD-LIKE POWER ON-PREMISES, HCI SIMPLIFIES DATACENTER ADMINISTRATION, DECREASES COSTS, AND INCREASES END-USER SATISFACTION
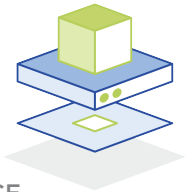
67% OF ORGANIZATIONS HAVE ADOPTED OR ARE CONSIDERING ADOPTING HCI

37% OF ORGANIZATIONS CITE HCI AS THEIR #1 INVESTMENT PRIORITY FOR 2019

06 MODERN APPLICATION ARCHITECTURES

BIMODAL IT MEANS CONFLICTING PRIORITIES. WITH MODE 1 RUNNING LEGACY APPLICATIONS AND MODE 2 RUNNING NEXT-GEN APPLICATIONS, IT MUST STRIKE A BALANCE

07 SECURITY EVOLUTION

ATTACKERS HAVE BECOME SMARTER, SNEAKIER, AND BOLDER, AND MICRO-SEGMENTATION IS EMERGING AS A VIABLE LINE OF DEFENSE

$4M IS THE AVERAGE COST OF DATA BREACH

08 ADOPTION OF MULTI-CLOUD

WHILE MULTIPLE CLOUDS CAN ADDRESS MULTIPLE USE CASES, THEY CAN ALSO LIMIT VISIBILITY AND INCREASE COSTS BY **2025** MULTI-CLOUD WILL BE THE NORM