#ARMORU

2017
SOCIAL POLL SERIES REPORT

Opinions and experience regarding cloud usage and cyber security by business owners and technology professionals.
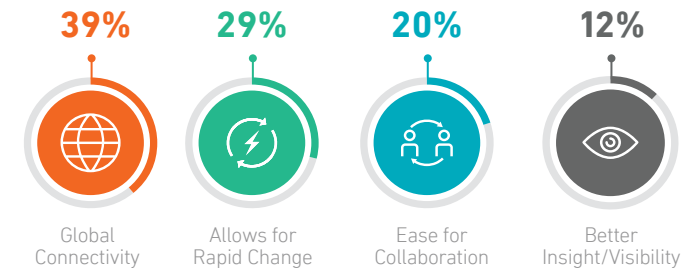
Introduction

Cloud infrastructures present huge advantages in agility, scalability and cost. But just how much are users realizing these benefits? And where does security fit in? To get the real deal on cloud usage, Armor conducted its first #ArmorU Poll to find out how businesses are truly thinking about the cloud and cyber security in the cloud.
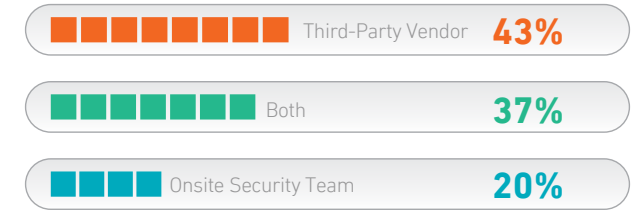
Methodology

The #ArmorU Poll consisted of thirteen questions distributed as a series through Armor's Twitter channel from June to September 2017. In total, we registered 869 votes from respondents in the United States and the United Kingdom.
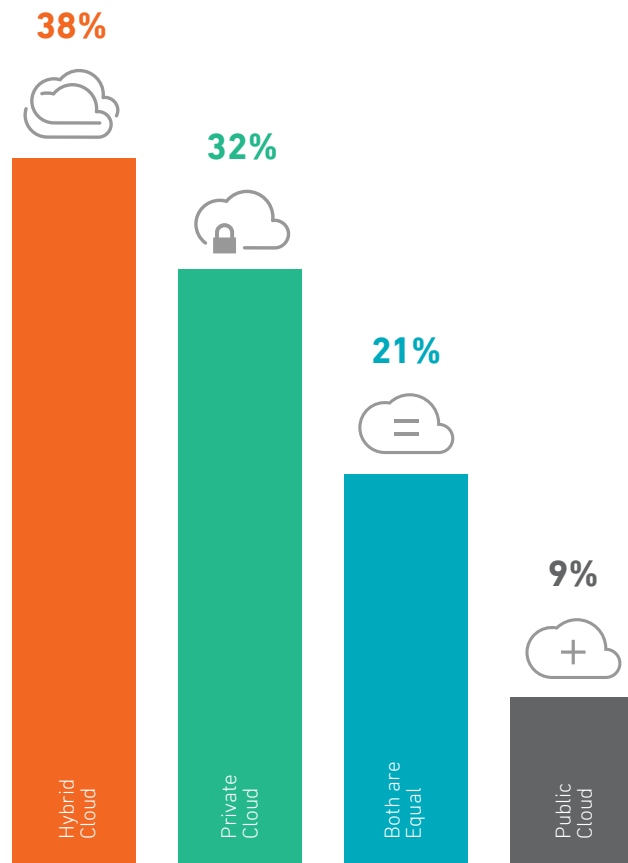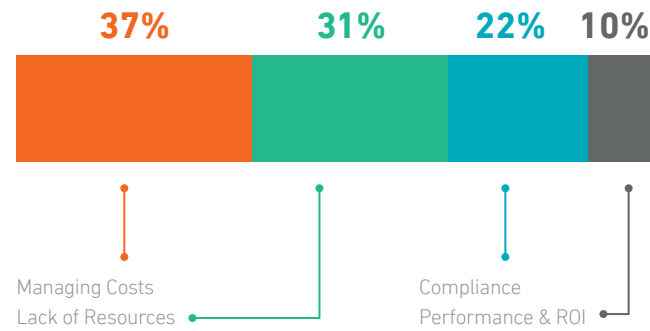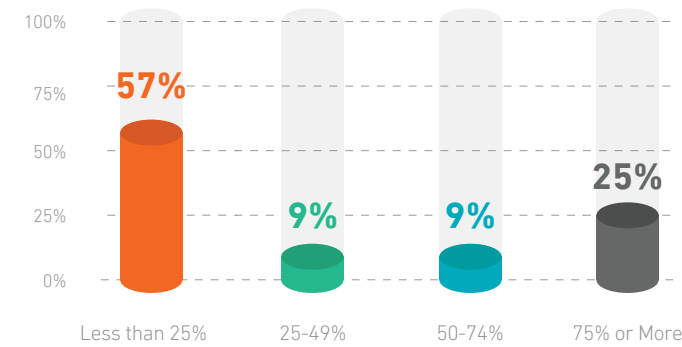
REASONS TO USE THE CLOUD

- **39%** Global Connectivity
- **29%** Allows for Rapid Change
- **20%** Ease for Collaboration
- **12%** Better Insight/Visibility

HOW CLOUD SECURITY IS MANAGED

- Third-Party Vendor **43%**
- Both **37%**
- Onsite Security Team **20%**

TOP PRIORITY CLOUD TYPES FOR BUSINESSES

- **38%** Hybrid Cloud
- **32%** Private Cloud
- **21%** Both are Equal
- **9%** Public Cloud

CHALLENGES SECURING CLOUD ENVIRONMENTS

- **37%** Managing Costs / Lack of Resources
- **31%**
- **22%** Compliance / Performance & ROI
- **10%**

DATA STORAGE IN CLOUD VS. ON PREMISES

- **57%** Less than 25%
- **9%** 25-49%
- **9%** 50-74%
- **25%** 75% or More

UNDERSTANDING OF SHARED RESPONSIBILITY MODEL

- **50%** What is That?
- **26%** Don't Fully Understand It
- It's Our Core Strategy
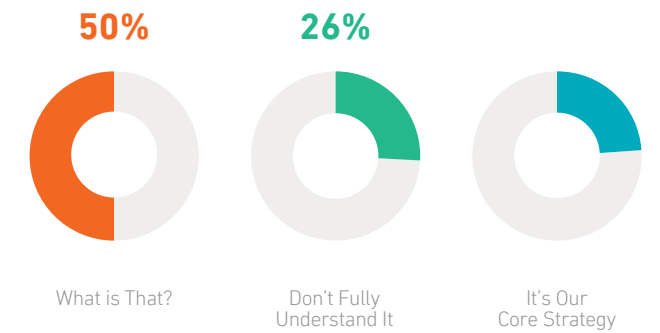
SELECTION CRITERIA FOR CLOUD VENDORS

- **35%** Best-of-breed Security
- **28%** Managed Service
- **21%** Availability & Scale
- **16%** Dashboards & Insights
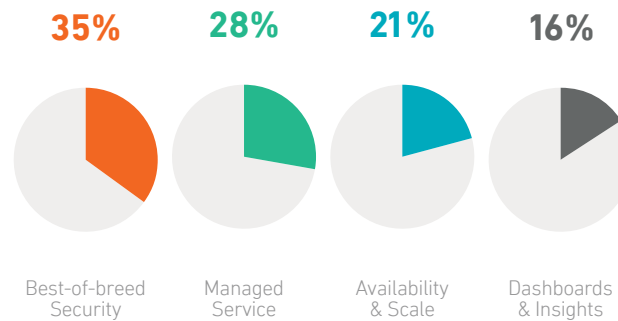
PRIORITIES IN MANAGED SERVICE INVESTMENTS

- **49%** Security
- **20%** Hosting
- **19%** Connectivity & Bandwidth
- **12%** Storage & Backup
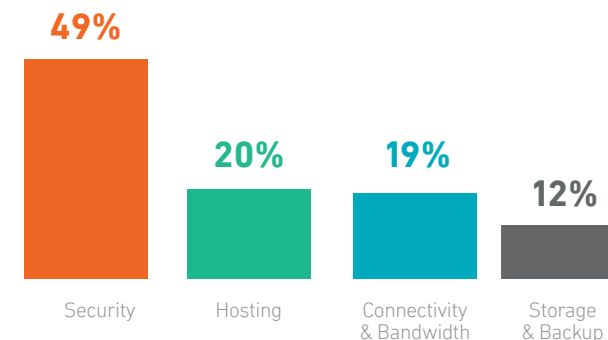
CYBER SECURITY LITERACY INITIATIVES

- **48%** No training
- **25%** Regular Onsite Training
- **18%** Continued Ed/ Certificates
- **9%** Online Resources/Books
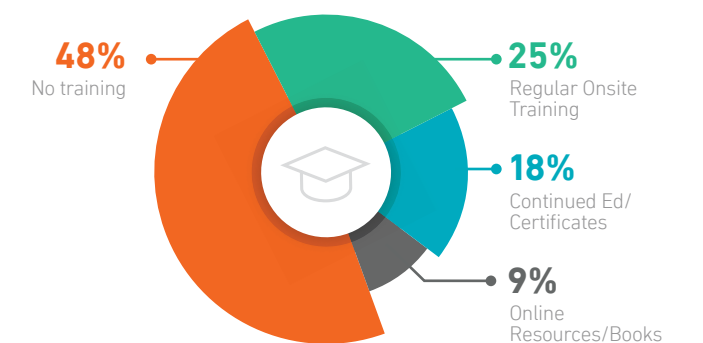
CURRENT CLOUD MATURITY MODEL

- **58%** Not Deployed
- **8%** Beginner (new to cloud)
- **18%** Explorer (improve/expand)
- **16%** Focused (heavy usage)
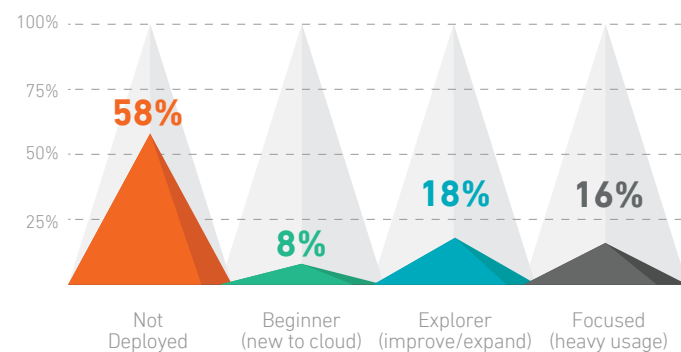
DATA BREACH VULNERABILITY CONCERNS

- **19%** Third party providers
- **31%** Insider threats /misuse
- **24%** Unpatchable devices
- **26%** Mobile devices (BYOD)
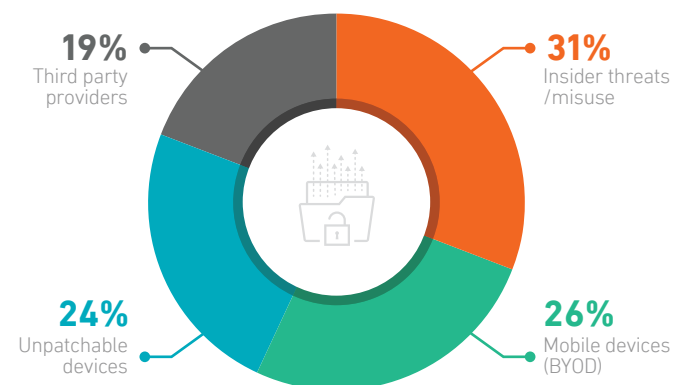
STRATEGY FOR SECURING DATA

- **40%** Use of Encryption / Virtual & Physical Backup
- **25%**
- **25%** Sensitive Data Not Stored / Limited Access to Files
- **10%**
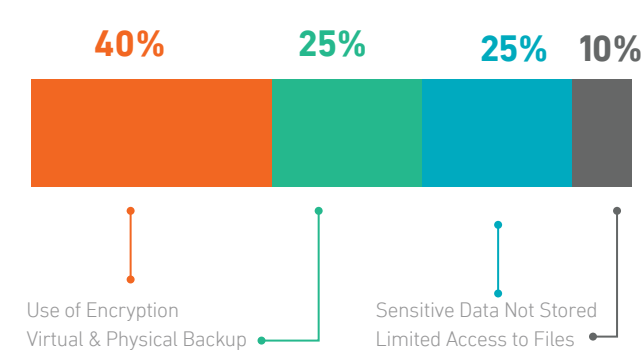
CLOUD SECURITY EXPERIENCE

- **58%** No Plans to Switch Soon
- **0%** In Process/ Researching
- **24%** Relatively New to Company
- **18%** Switched Years Ago
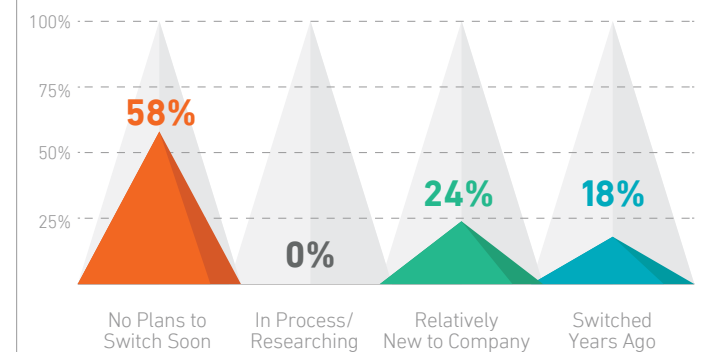
KEY TAKEAWAYS

CLOUD COMPUTING

Cloud usage is still in its infancy - While the market is bullish on cloud, most respondents – 58% - stated they are not currently deploying workloads in the cloud nor plan to move to the cloud anytime soon. However, if/when they do, a hybrid cloud approach is anticipated.

What is shared responsibility? – Tied to the relatively low usage of public cloud among participants in our poll is a lack of awareness or understanding of the shared responsibility model that underlies security in public cloud environments. Seventy-six percent of respondents indicated they either hadn't heard of this concept or didn't fully understand it.

Connectivity and flexibility drive adoption - When asked the top reason for using cloud services, 40 percent indicated global connectivity, while 30 percent selected its ability to allow rapid change.

SECURITY

Security isn't a solo venture – Just 20% of respondents indicated they manage cyber security solely with an internal security team. The vast majority are either using a third-party firm or a combination of internal and external resources.

You get what you pay for – Best-of-breed security clocks in as the number one factor when selecting a cloud service vendor. And with that emphasis on quality, it's little surprise that most respondents – about half – indicated security is the top area for managed service investment.

Trouble from within – Most respondents are concerned with breaches arising from insider threats and misuse. Yet, 48 percent don't have programs designed to educate employees about cyber security, and only 25 percent conduct regular on-site training.

CONCLUSION

Cloud adoption is still young and most organizations are still early in their journey. As more businesses begin to take advantage of the benefits the cloud has to offer, cyber security will also grow as an area of focus and need. At Armor, we are focused on helping organizations maximize the agility, speed and cost savings offered by the cloud by providing managed born-in-the-cloud cyber security services. To learn more, visit us at www.armor.com.

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