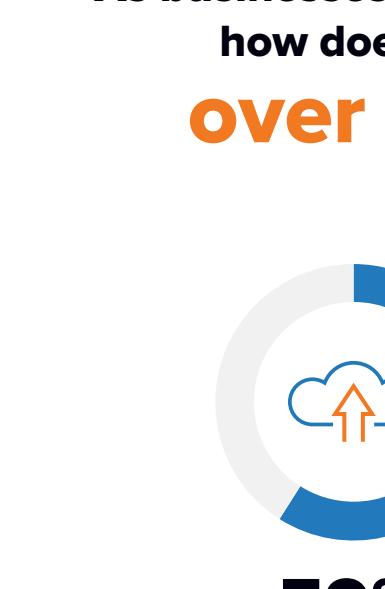




# Top Security Priorities for a Modern Hybrid Cloud Datacenter

**Automate, cloudify, unify, and evolve are imperatives that define the hybrid datacenter.**

## Top Trends for Hybrid Datacenters



Security plays a critical role in enabling digital transformation (DX), shifting workloads to the cloud and modernizing hybrid datacenters.

**As businesses think about resiliency and futureproofing, how does the hybrid datacenter story unfold over the next five years?**



Source: IDC's 2021 Datacenter Operational Survey; n = 400

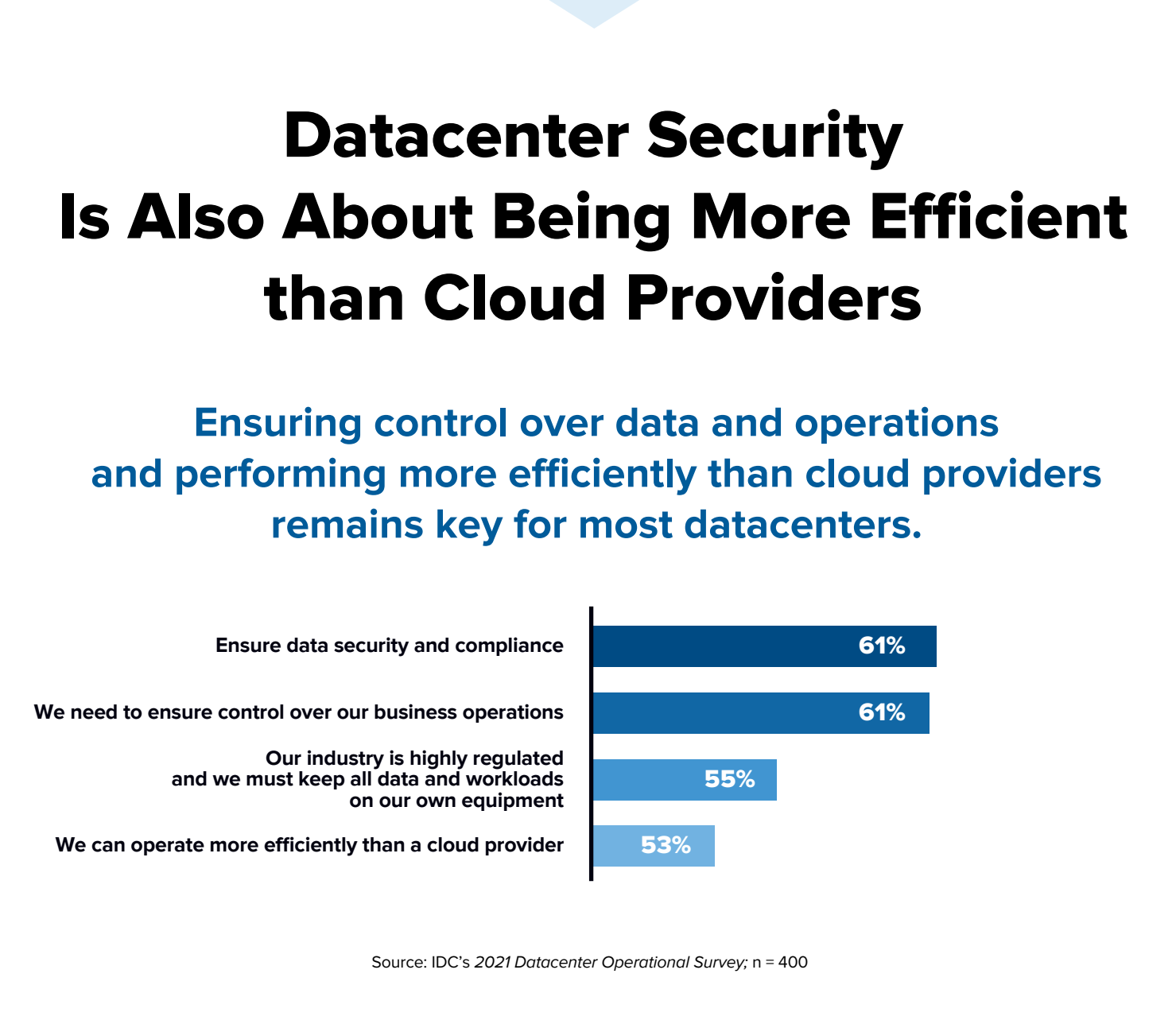
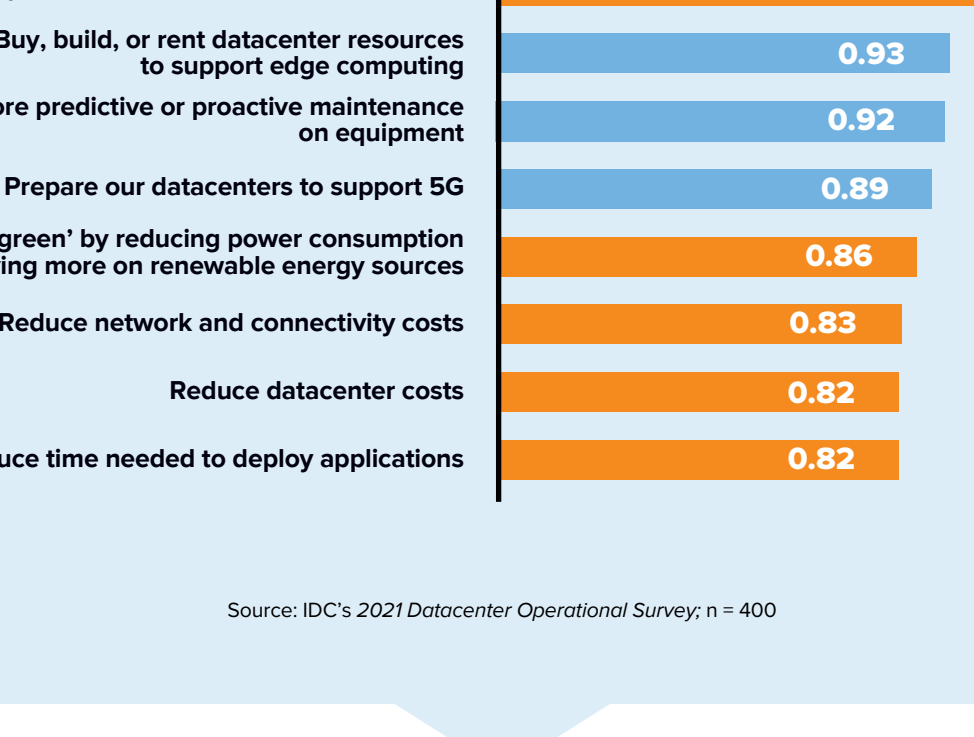
## Datacenter Priorities

Achieving top datacenter priorities requires a security platform with high performance, DevOps agility, operational simplicity, and unified threat visibility.

### Security Essentials for Datacenters

- Ensure data security and regulatory compliance
- Expand and unify threat visibility and mitigation
- Scale network performance to keep up with demand surges
- Leverage APIs for automation, and AI for autonomous threat prevention
- Improve flexibility to move workloads; protect data/apps on premise or cloud
- Ease of implementation and operation; reduce need for additional talent

**Q. Thinking of your company's priorities when it comes to datacenters, what are the top 5 initiatives?**



Source: IDC's 2021 Datacenter Operational Survey; n = 400

## Datacenter Security Is Also About Being More Efficient than Cloud Providers

Ensuring control over data and operations and performing more efficiently than cloud providers remains key for most datacenters.



Source: IDC's 2021 Datacenter Operational Survey; n = 400

## Automated Datacenter Security Enables Agile Apps Delivery

Enterprises need a systematic, automated process such as DevSecOps to not only secure the controls that run their business in the datacenter and cloud, but also to bring together previously siloed teams.

Improving overall application security along with catching security issues earlier in the software development life cycle are the top drivers for DevSecOps adoption.

### Key question: What are the top challenges to DevSecOps adoption?

The same IDC 2020 survey shows that **over 45%** answered that **cultural resistance and collaboration with security teams continue to be top inhibitors of DevSecOps adoption.**

**New apps and solutions require datacenters to have security platforms that empower:**

- DevSecOps with APIs
- Threat prevention automation
- Agile policy management
- Visibility across the hybrid DC environment

### DevSecOps by the Numbers

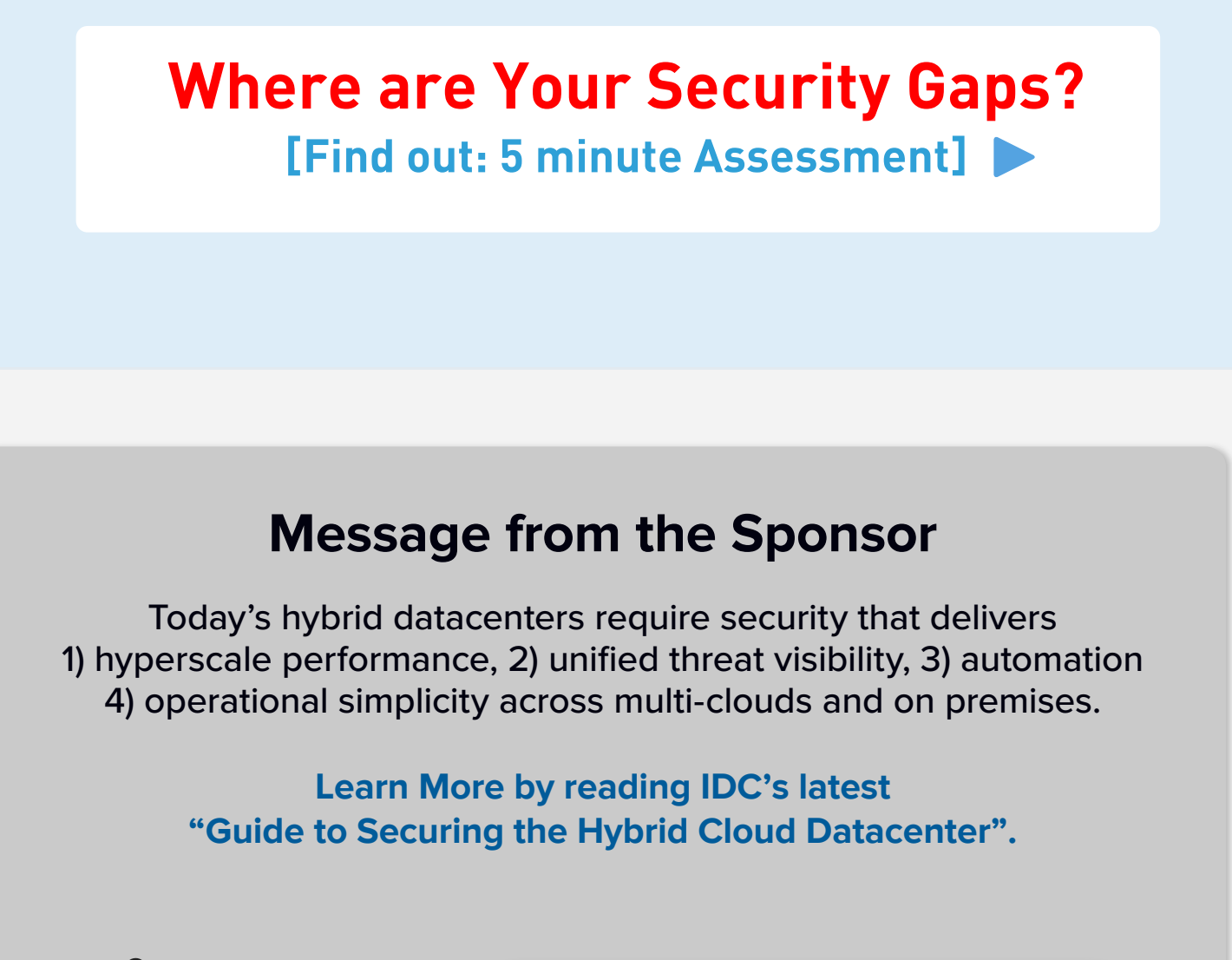


Source: IDC's US DevSecOps Survey, Dec 2020; n = 200

## Attackers Exploit On-Premises and Cloud Traffic/Apps Equally

Organizations are still getting breached on premises.

**Q. Approximately, how many major security breaches has your organization had in the past two years?**



Source: EDR and XDR Survey, IDC, December 2020; N = 491

**And They're Also Getting Breached in IaaS Environments**

**Q. Roughly, how many major security breaches of your Infrastructure as a Service (IaaS) environments has your organization had in the past two years?**



Source: EDR and XDR Survey, IDC, December 2020; N = 491

**Most respondents from both surveys over 60% experienced two or more major security breaches over two years.**

Organizations committed to a long-term DX and modernization strategy can improve their security posture and hygiene, making breaches less likely.



**By taking advantage of the unified visibility and controls, hybrid datacenters offer:**

- ✓ Simplified, automated and consistent security frees up valuable time and resources.
- ✓ Autonomous cybersecurity and AI/ML solutions accelerate threat detection and mitigation.
- ✓ Consolidation reduces complexity and increases security efficacy
- ✓ DevOps agility enhances resiliency and ability to keep up with transformational changes.
- ✓ Portability of rules and policies shared between private and public cloud.
- ✓ Extensible APIs secure the entire hybrid datacenter ecosystem.

## Next Steps

- ▶ Datacenter security must provide full coverage for both on-premises and multi-cloud.
- ▶ Employ a DevSecOps approach from step one to enable true operational agility.
- ▶ Perform a hybrid **datacenter security assessment** to identify key areas that need automation or security upgrades.

**Where are Your Security Gaps?**  
[Find out: 5 minute Assessment] ▶

### Message from the Sponsor

Today's hybrid datacenters require security that delivers 1) hyperscale performance, 2) unified threat visibility, 3) automation 4) operational simplicity across multi-clouds and on premises.

Learn More by reading IDC's latest "Guide to Securing the Hybrid Cloud Datacenter".

