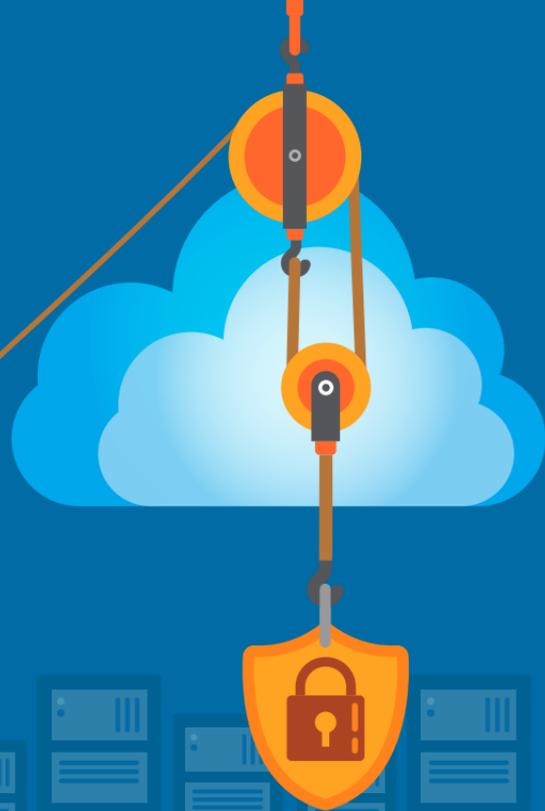
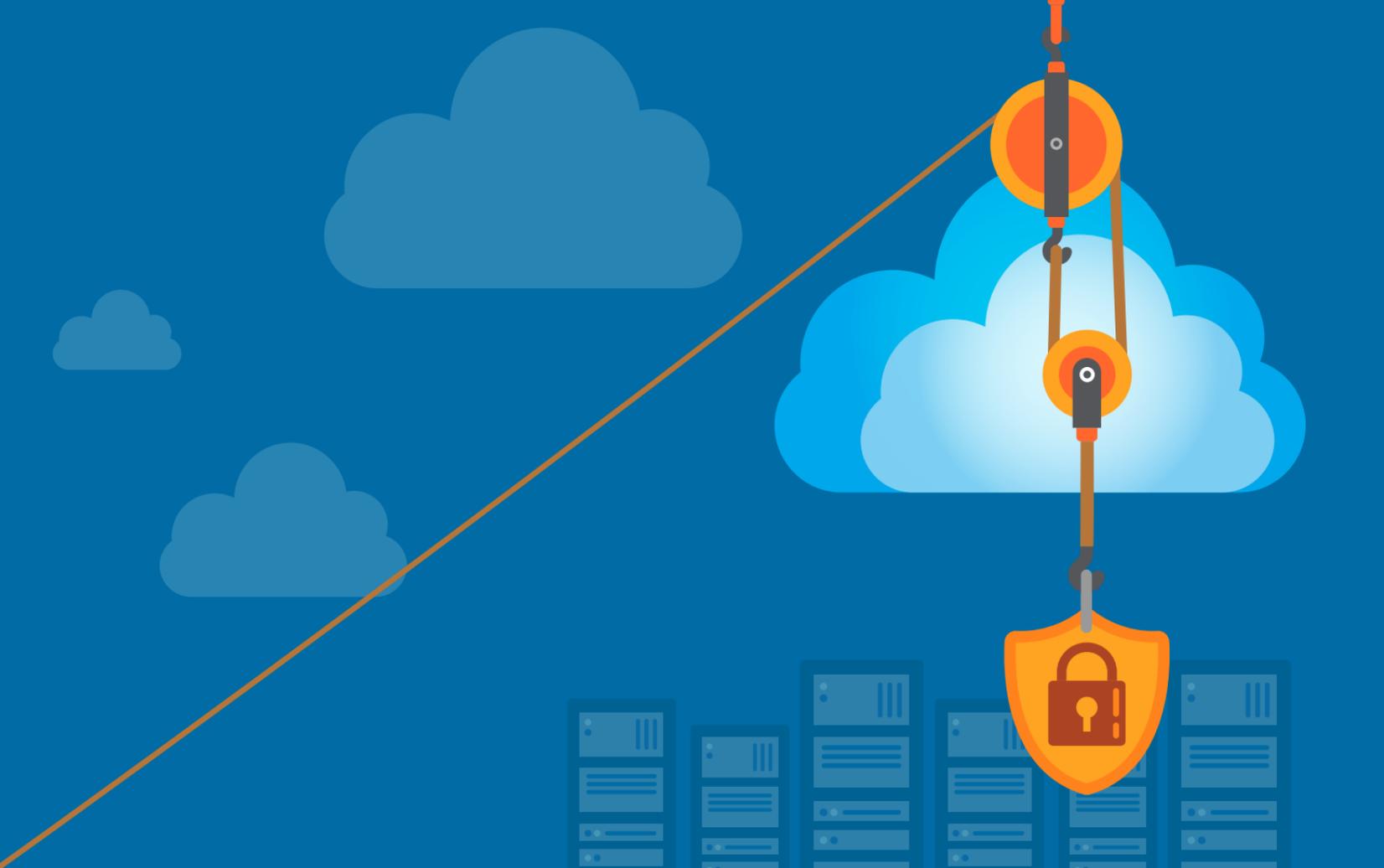


5 Common Mistakes Made When Moving Security to the Cloud

And how to avoid them







Everything is moving to the cloud. Certainly your apps are, with well over a thousand cloud apps in the average enterprise today. Your infrastructure is moving to the cloud too, with IaaS services such as AWS and Azure growing at a rapid pace. Most importantly, your critical data is moving to the cloud.



You may be considering moving all, or part, of your security stack to the cloud too. Read on to learn how to avoid some common mistakes that others have made trying to do just that...



Mistake #1



**Not selecting a true,
cloud-native solution**

Mistake #1

Not selecting a true, cloud-native solution

One key driver behind the move to the cloud is the promise of an elastic, scalable service that supports your organization as it grows and your security needs change. No capacity planning or regular hardware upgrades required.

However, to deliver on that promise, you can't simply move traditional, on-premises security technologies into the cloud.

From the start, Netskope built a cloud-native security platform for SaaS, IaaS, and the web. Using a containerized, microservices-based architecture, Netskope Cloud Security was designed so that every component of the security service can seamlessly scale based on the needs of our customers. More users? Not a problem. More data moving to the cloud that needs to be scanned for sensitive information? We've got that covered too.



Mistake #2

Choosing a cloud security tool that can't secure the cloud



✓ IN THE CLOUD

✗ SECURES THE CLOUD



✓ IN THE CLOUD

✗ SECURES THE CLOUD



✓ IN THE CLOUD

✗ SECURES THE CLOUD

Mistake #2

Choosing tools that can't secure the cloud

All types of security tools are moving into the cloud — for email, for the web, for endpoint protection, and more. Some security tools mislabel themselves “cloud security.”

While these tools may be delivered from the cloud, they ironically can't understand and control the cloud itself.

For many organizations, securing their rapidly growing catalog of SaaS apps and IaaS services is a top priority. So, why would you choose a cloud security tool without evaluating its ability to secure the cloud too?

Patented and built in the cloud, Netskope Cloud XD™ is the brain behind Netskope. It understands the cloud in extreme definition and performs big data analytics in real time. This eliminates blind spots across thousands of SaaS and IaaS services, and enables real-time, granular control of thousands of cloud services ... from one cloud built the right way from the day one.



Mistake #3

**Keeping security siloed
as you move to the cloud**



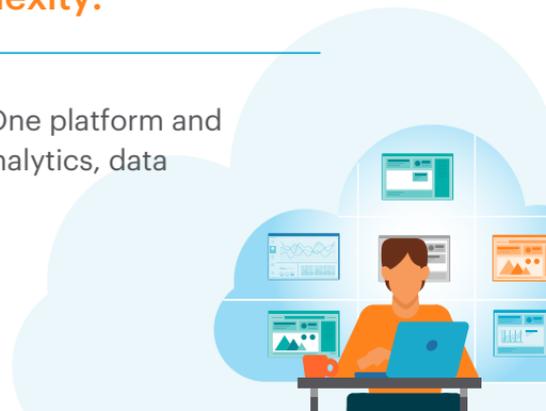
Mistake #3

Keeping security siloed

The shortage of cybersecurity skills is a significant challenge today and organizations need to streamline security administration and operations to make the best use of resources and tools they have. Many security vendors offer to move pieces of your security stack to the cloud, with “cloud connectors” keeping those pieces tethered to traditional, on-premises tools. The resulting solution requires multiple management consoles. Will you have the personnel to manage and operate it all?

As you move to the cloud, look for ways to shed complexity.

Netskope built a unified, cloud-native security platform from the start. One platform and management console for SaaS, IaaS, and the web providing visibility, analytics, data protection, threat protection, and more.



Mistake #4



**Having fragmented visibility
and control across cloud and web**

Mistake #4

Having fragmented visibility and control

When you have a separate product architecture for web security that is different from your product architecture for cloud security, you miss advanced threats that use the combination of cloud and web to cause damage.

One example is an attack that delivers a malicious payload from a website and uses a cloud storage app for command and control. Getting visibility into both the cloud storage side to detect the script execution and seeing the payload movement from the website will help you get a complete picture of this threat and control all stages of the attack.

The Netskope Cloud Security platform was built from the ground up to analyze both cloud and web transactions in real time, decode rich contextual details about usage, and identify anomalous behavior and risky activities for users of both web and cloud. That includes identifying threats and anomalous behavior that takes places across cloud and web.



Mistake #5

**Failing to cover
the blind spots
created by
users going
direct-to-
internet**



Mistake #5

Failing to cover the blind spots

It wasn't too long ago that most of your users, the applications they were accessing, and the data they were creating and sharing were located on premises within your secure perimeter.

Today your users are everywhere, and they are going directly to the Internet and completely bypassing your secure perimeter.

Users are also accessing cloud services on personal and mobile devices and in addition to browsers, they are using native apps and sync clients. The challenge is that legacy security tools are effectively blind to most of this traffic.

The Netskope Cloud Security platform provides an all-mode architecture and covers all ways users access the cloud and web, whether users are on premises, mobile, and remote, and whether they are using a browser, mobile app, native app, or sync client.





If you're ready to make the move to the cloud, and want to realize the benefits of cloud security while avoiding these common pitfalls, we'd love to talk to you. Netskope is a leader in cloud security. We help the world's largest organizations take full advantage of the cloud and web without sacrificing security. Our unified, cloud-native platform provides 360-degree data protection to guard data everywhere and advanced threat protection to stop elusive attacks.

At Netskope, we call this smart cloud security.

To learn more, visit www.netskope.com.







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