Cloud Security Insights

Enterprises are responsible for public cloud security but are you ready for it?

Top Cloud Initiatives 2019

1. Optimize existing cloud use
2. Moving more workloads to the cloud
3. Expanding the use of containers

Top 7 Cloud Security Threats

1. Data exfiltration - stealing of information, especially for the purpose of gaining personal or financial gain.
2. Insecure interfaces - application programming interfaces (APIs) that are exposed to the public, making them vulnerable to exploitation.
3. Advanced Persistent Threats (APTs) - parasitical threats that live off host infrastructures for long periods of time, often spreading through a network masked as normal network traffic.
4. System vulnerabilities - exploitable bugs in programs attackers can use to infiltrate a system.
5. Insufficient identity, credential and access management - bad actors often masquerading as legitimate users can read, modify, and delete data.
6. Denial of Service (DoS) - designed to prevent users of a service to access their data or applications.
7. abandonment and nefarious use of cloud services

Eliminate Security Risks with Superior Cloud Network Visibility

References

Cloud Computing Trends, Benefits, and Risks of Multi-Cloud Survey
Cloud Network - The Value of the Cloud Security
Cloud Vision 2020: The Future of the Cloud Study

Multi-Cloud and Hybrid Cloud Drive Complexity in Security

84% of enterprises utilize a multi-cloud strategy

58% of enterprises have a hybrid (combining public and private clouds) strategy in 2019

50% of enterprises plan to spend more than $1.2M per year on public cloud

88% of enterprises have a hybrid public cloud strategy in 2019

24% of enterprises are spending more than $1M on public cloud spend in 2019

64% of enterprises have a multi-cloud strategy

58% of enterprises have a hybrid cloud strategy

39% of enterprises are spending more than $1M on public cloud spend in 2019

93% of enterprises are moderately to extremely concerned about cloud security in the public cloud

66% of enterprise workloads are in the cloud by 2020

58% of enterprises have a hybrid (combining public and private clouds) strategy in 2019

References

* References

The survey asked 786 IT professionals about their adoption of cloud infrastructure and related technologies.

Fifty-eight percent of the respondents represented enterprises with more than 1,000 employees.

Compiled from the predictions of more than 300 industry influencers, this report outlines the future of the cloud and contains valuable insights and tips for IT leaders preparing for and continuing on in their transition to the cloud.

The report is based on the results of a comprehensive online survey of cybersecurity professionals to gain deep insight into the latest trends, key challenges and solutions for cloud security.