

CYBER SECURITY KEYPOINTS AUGUST

*From the County
Network Security
Cooperative*



Best Practices for Cloud Security

- Use Strong Identity and Access Management (IAM) Controls
- Encrypt Data in Transit and at Rest
- Ensure Proper Configuration Management
- Establish Strong Network Security Standards to include logging and monitoring
- Utilize Cloud Security Tools
- Apply Security Patches and Updates Regularly
- Perform Security Assessments and Penetration Testing Regularly



Cloud infrastructure security is crucial for protecting sensitive data, ensuring business continuity, and preventing costly cyberattacks in an ever-evolving cyber threat landscape and today's increasingly cloud-dependent world.



Cloud Security & Privacy

Cloud services provide organizations with unparalleled flexibility, enabling rapid scalability, remote access, and cost efficiency, which are critical for business growth and agility. However, this increased reliance on cloud infrastructure also introduces significant cyber risks, including data breaches, misconfigurations, and vulnerabilities from third-party integrations. Organizations adopting cloud services must prioritize robust cybersecurity measures to mitigate these risks and protect their digital assets.



Knowledge is Power

An average of 18.1% of files uploaded to cloud-based file-sharing and collaboration platforms contain sensitive information. As of 2023, 94% of organizations globally use cloud services, with 69% of businesses planning to increase their cloud security budgets. 45% of data breaches in 2022 involved cloud-based infrastructure, highlighting the increasing focus of attackers on cloud environments. 25% of ransomware attacks in 2023 involved data stored in cloud services, marking a rise in attacks specifically targeting cloud-based applications and data.

The County Network Security Cooperative is a collaboration of partners including:



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Disclaimer: This document reflects current guidance and is subject to change due to the evolving cyber security environment.