

Cybersecurity the Government Arena: A Review of the Major Components of the Area of Study Stressing on Challenges, Strategies and Best Practices

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Abstract: *Cyber security is super important these days. Why? Well, there are lots of cyber threats & attacks that focus on both organizations everyday people.*

In this study, we're using a mixed-methods approach. This means we're looking at many things! We combine a thorough review of existing literature with case studies & interviews. We want to gather valuable qualitative data.

Guess what? The research shows some big gaps in how different sectors handle cyber security right now. It's clear we need to make improvements!

Strong cyber security measures are a must. They help protect sensitive information and keep our digital assets safe. This dissertation adds to the conversation about cyber security by providing careful analysis and useful tips for better practices.

Keywords: Cybersecurity, government agencies, national security, risk management, Zero Trust, public-private partnerships, international cooperation.