

Cybersecurity of National Critical Infrastructure

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The thesis explores the cybersecurity of national critical infrastructure, focusing on the current situation, risks, and institutional preparedness in North Macedonia. The research analyses relevant threats, the legal and strategic framework, protection practices, and experiences across different sectors in order to identify weaknesses and opportunities for improvement. Based on the collected and analysed data, the existing mechanisms for preventing and responding to cyber incidents are assessed. As a result, the thesis proposes an integrated approach to strengthening the resilience of critical infrastructure, with an emphasis on coordination, risk management, timely threat detection, and the continuous improvement of security capacities.

Keywords: Cybersecurity · Critical infrastructure · Risk management