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Network and Information Security System

Aaradhya Sandip Bele, Rohit Vishal Bagul, Yash Sunilpuri Bava Ambarish Vaibhav Bhalerao, Tushar Dipak Deore, Chandrabhan Raghunath Ghuge Guru Gobind Singh Polytechnic, Nashik, Maharashtra, India

Abstract: Network and information security are critical components of modern technology infrastructure, ensuring the confidentiality, integrity, and availability of digital assets. With the proliferation of cyber threats and increasing reliance on digital systems, organizations must adopt robust security measures to safeguard sensitive data and maintain operational continuity. This document provides an overview of network and information security, detailing the existing systems, their advantages and disadvantages, and offering insights into the evolving landscape of cybersecurity. By understanding the challenges and opportunities, organizations can make informed decisions to enhance their security posture.

Keywords: Network Security, Information Security, Cyber security, Encryption, Firewalls, Intrusion Detection, Multi-Factor Authentication (MFA), Data Protection, Threat Mitigation, Risk Management, Compliance, Digital Infrastructure

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