

Review Form 1.7

Journal Name:	Asian Journal of Research in Computer Science
Manuscript Number:	Ms_AJRCOS_114237
Title of the Manuscript:	Evolving Access Control Paradigms: A Comprehensive Multi-Dimensional Analysis of Security Risks and System Assurance in Cyber Engineering
Type of the Article	

PART 1: Review Comments

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<p>Compulsory REVISION comments</p> <p>1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript)</p> <p>2. Is the title of the article suitable? (If not please suggest an alternative title)</p> <p>3. Is the abstract of the article comprehensive?</p> <p>4. Are subsections and structure of the manuscript appropriate?</p> <p>5. Do you think the manuscript is scientifically correct?</p> <p>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</p> <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<p>1. This study examines the effectiveness of traditional access control paradigms against ransomware threats in critical infrastructures and explores the potential benefits of integrating machine learning and AI technologies. The findings suggest that traditional methods are less effective due to their static configurations, while ML and AI integration enhances adaptability and effectiveness. The study also highlights the importance of cybersecurity awareness and training.</p> <p>2. The best title is" Evaluating the Effectiveness of Traditional Access Control Paradigms against Ransomware Threats in Critical Infrastructures: A Quantitative Analysis and Recommendations for Improving Cybersecurity Resilience"</p> <p>3. Yes, abstract is clear and comprehensive</p> <p>4. There were shortcomings in the practical aspect, and the practical aspect should have been highlighted more precisely</p> <p>5. Since I am a computer network engineering specialist and trained in cybersecurity, yes, this is true</p> <p>6. Yes, the the references are sufficient and recent</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<p>1.I'm not an expert in the language, but I think it's well understood</p>	
<p>Optional/General comments</p>	<p>Weakness in the practical aspect and failure to explain the practical aspect clearly</p>	

PART 2:

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<p>Are there ethical issues in this manuscript?</p>	<p><i>(If yes, Kindly please write down the ethical issues here in details)</i></p>	

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