

Review of: "Maintaining cyberhygiene in the Internet of Things (IoT): An expert consensus study of requisite user behaviours"

Haris M. Khalid¹

¹ Institute of Electrical and Electronics Engineers (IEEE)

Potential competing interests: No potential competing interests to declare.

- This paper talks about maintaining cyber-hygiene in the IoTs. The study provided key and threats in IoT settings. It also talks about the change interventions to improve cyber-security.
- The work has potential. However, it requires an overhaul.
- The title "Maintaining cyber-hygiene in the Internet of Things (IoT): An expert consensus study of requisite user behaviors" is very wide. It should be more driven towards the interventions and opinions involved.
- The problem statement is missing in the abstract. The first 2 lines of the abstract should be reflected with the problem statement and the proposed discussion and solution should be followed by.
- The keywords could be enhanced further.
- The acronyms must be defined as soon as they appear in the text. This paper has many acronyms and abbreviations involved. It is recommended to create a Notations section immediately after the abstract to improve the readability and flow of work. Or develop a Nomenclature table which would define all the acronyms and abbreviations utilized in this article.
- What is the contribution of the paper? It must be clearly mentioned in the introduction. So far, this element is not obvious in the introduction.
- What motivated you to write this paper? It must be clearly mentioned in the introduction. So far, this element is not obvious in the introduction.
- What is the scope and possible potential of the paper? It must be clearly mentioned in the introduction. So far, this element is not obvious in the introduction.
- The section on the method has no visuals addressing the concept and the connection between subsections. It is encouraged to developed from diagrams which can build the connection between its subsections to improve readability of the work.
- There should be a flow chart or pseudo code to convolute the method section. Pseudo codes or flow charts are

designed for practitioners to understand things smoothly. Either the variables of input and output are required to be defined in the tables or different concepts and the relationship between them must be charted. Please follow the above steps accordingly for the method section.

- There are many grammatical and typing errors in the work. It is heavily required to proof-read the work properly.
- In section of results, what main-stream techniques are utilized for comparison? are there any existing techniques addressing the same problem ? If yes, then the comparison should be expressed thoroughly. The superiority of your proposed scheme shall be mentioned in the conclusion based on the outcome of comparison with other main-stream techniques.
- For a Journal paper talking about cyber-hygiene and IoT security, the elements of secure communication, cyber physical layer, and the elements of digitalization must be flavored more in the introduction. Similarly, the discussion on cyber-attacks in other sectors of power and energy will also maintain the balance of the work and a broader spectrum of audience. Some suggested references in cyber attacks, communication, and cyber physical security are as follows: 1) 'WAMS Operations in Power Grids: A Track Fusion-Based Mixture Density Estimation Driven Grid Resilient Approach Towards Cyber Attacks', IEEE Systems Journal, Jun. 2023. 2) 'Learning-Based Methods for Cyber Attacks Detection in IoT Systems: A Survey on Methods, Analysis, and Future Prospects', MDPI —Electronics, vol. 11(9), pp. 1–20, May 2022. 3) 'Denial-of-Service Attack on IEC 61850-Based Substation Automation System: A Crucial Cyber Threat towards Smart Substation Pathways', MDPI – Sensors, vol. 21(6415), pp. 1—19, September 2021. 4) 'WAMS Operations in Modern Power Grids: A Median Regression Function-Based State Estimation Approach Towards Cyber Attacks', El-Sevier — Sustainable Energy, Grid, and Networks (SEGAN), vol. 34, pp. 101009, June 2023.
- References literally require an overall. Most of the references are conference papers and technical reports. Are they relevant to the work ? Moreover, the format is not consistent. In some references, there is no page number mentioned. In others, the page number is at the end and year in the middle and vice versa. Also, in some, the first letter of the title of the paper is only capital. In others, all first letters of the titles of the paper are capital. Please visit the styling again and maintain consistency.