

1G to 5G security:

Summary:

The document named “1G to 5G security: a comprehensive analysis of threats and attacks with solution” represents all kinds of cyber, physical, and hardware threats and attacks with their prevention. It describes some threats and attacks such as ping flood, Smurf attack, access point spoofing, Dos, phishing attack, password attack etc. There is a chart which differentiate among all kinds of threats and attacks into internet, generations, and hardware. It also contains a list which shows different kinds of attacks name, their affected areas, and their prevention process.

This is all about this document.

Paper link :

1. 5G security: Analysis of threats and solutions
<https://ieeexplore.ieee.org/abstract/document/8088621>

Published in: [2017 IEEE Conference on Standards for Communications and Networking \(CSCN\)](#)

Authors: [Ijaz Ahmad](#) ; [Tanesh Kumar](#) ; [Madhusanka Liyanage](#) ; [Jude Okwuibe](#) ; [Mika Ylianttila](#) ; [Andrei Gurtov](#)

2. A Survey on Security and Privacy of 5G Technologies: Potential Solutions, Recent Advancements, and Future Directions.
<https://ieeexplore.ieee.org/abstract/document/8792139>

Published in: 2017 IEEE Conference on Standards for Communications and Networking (CSCN)

- Authors: [Rabia Khan](#) ; [Pardeep Kumar](#); Dushantha Nalin K; Jayakody ; [Madhusanka Liyanage](#)

3. Survey on Threats and Attacks on Mobile Network
<https://ieeexplore.ieee.org/abstract/document/7547270>

Published in: [IEEE Access](#) (Volume: 4)

Authors : [Silvère Mavoungou](#) ; [Georges Kaddoum](#) ; [Mostafa Taha](#) ; [Georges Matar](#)

4. [5G security: Concepts and challenges](#)
https://link.springer.com/chapter/10.1007/978-3-030-03508-2_1

Authors: Poorna Pravallika Sriram, Hwang-Cheng Wang, Hwang-Cheng Wang

5. 5G Security: Current Status and Future Trends

https://www.inspire-5gplus.eu/wp-content/uploads/2020/05/i5-d2.1_5g-security-current-status-and-future-trends_v1.0.pdf

6. Evolution of 5G Technology

https://d1wqtxts1xzle7.cloudfront.net/61557207/148875_paper20191218-107111-zv7udq.pdf?1576741515=&response-content-disposition=inline%3B+filename%3DEvolution_of_5G_Technology.pdf&Expires=1595148600&Signature=dA42o6TCHGHtnWozp1n6mkOtDFob4nL3Lyxre8bhyaH8dM4jOLMJd-XkKV7dcJKBAuHapaBzMfMGMhRtkdlyxL1~9MuPjPMuJs9WQ5qPy84zUKDih65nHF2Yzuu-JjttiWZ8eg7N9Uw4YOcAoCJT1ViAb7~PjAT7Rb-5OgpGlteB8VsdgDHmqbq9UCSxFT342dPwpHVjVgS0zfRj~4qdEvdM0MS3CfAwDbksXUBDUjmlDgDvRZiipsrJDNS7B6YqupCvgW55i~TegHiTRlqQYPzdB-9GU~ULdSnCXL7asRDZgNbO7eZrrkmOB320YyHInO6e67Nz0Lv3G-39oHVsaQ_&Key-Pair-Id=APKAJLOHF5GGSLRBV4ZA

7.