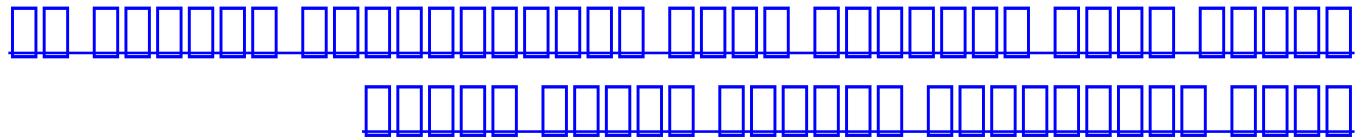


IoT Security Standards



## Internet of Things Security Standards



IoT Security Standards are crucial for ensuring the safety and privacy of the billions of connected devices worldwide. These standards provide a framework for securing the communication between devices and protecting sensitive data. As the number of connected devices grows, so does the need for robust security measures to prevent cyber attacks and ensure the integrity of the data being transmitted.

One of the most important IoT Security Standards is the IEEE 802.11i standard, which defines security requirements for wireless local area networks. This standard provides strong encryption and authentication mechanisms to protect data transmitted over wireless networks. Another key standard is the Zigbee security specification, which provides secure communication for low-power, short-range wireless networks used in home automation and industrial applications. The Thread Group has also developed a security specification for mesh networks, which provides secure communication for smart home and building automation systems.

IoT Security Standards

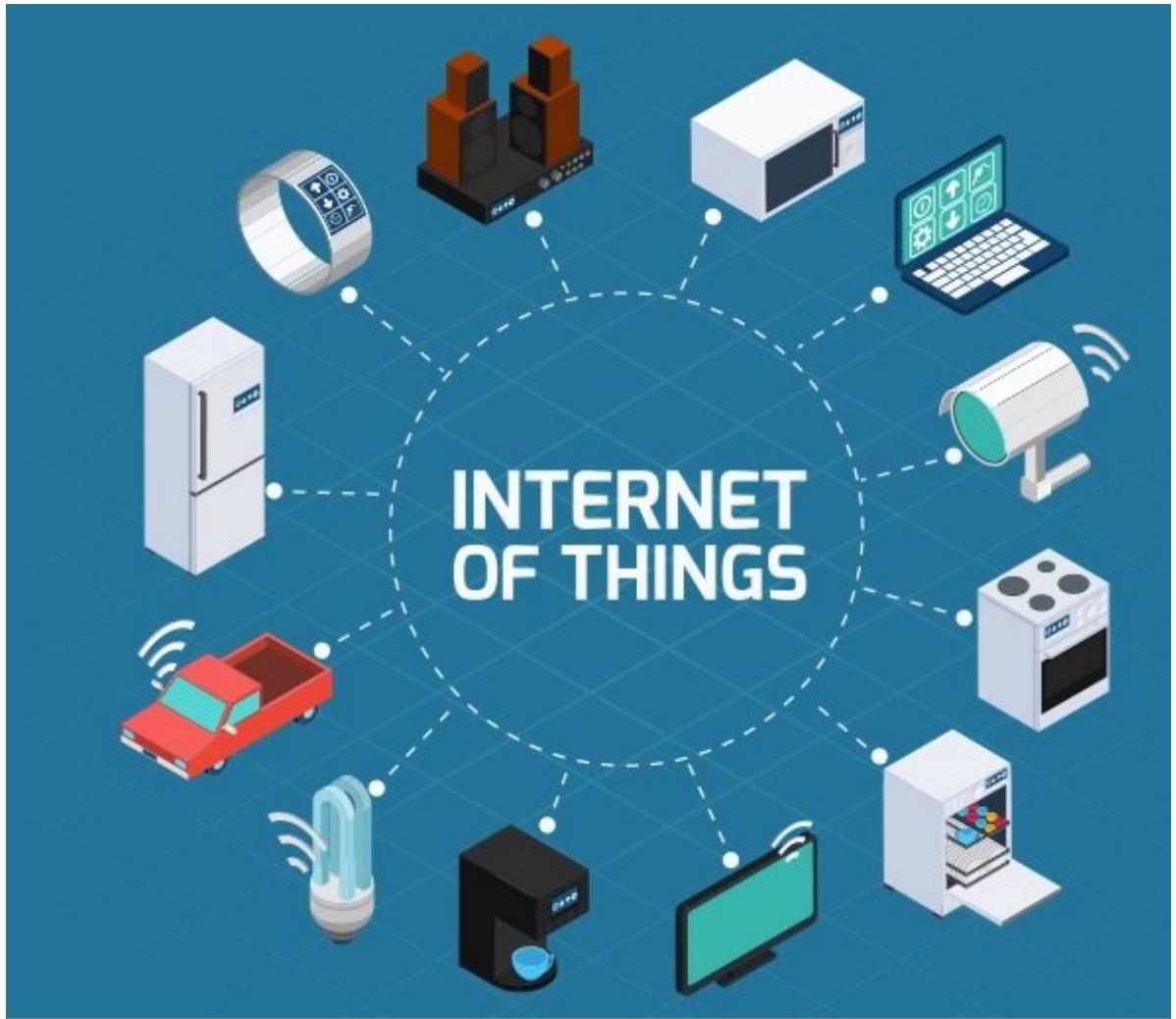


IoT Security Standards

!\_\_\_\_\_ :\_\_\_\_\_



Internet of Things Cybersecurity Improvement Act of 2017  
The bill would require manufacturers of IoT devices to take certain steps to make them more secure. It would also establish a task force to study the issue and recommend further action.



⋮

A horizontal row of twelve empty blue rectangular boxes, likely used for input fields or placeholder text in a form.

• : | | | | | | | |

1

Page 1

A horizontal row of ten empty rectangular boxes, intended for a child to write the numbers 1 through 10 in.

02:05 - 23/05/1396

1

A horizontal sequence of 20 small squares, alternating between white and blue, representing a digital signal.

<https://www.shabakeh-mag.com/security/9138/%D9%82%D8%A7%D9%86%D9%88%D9%86-%D8%AC%D8%AF%DB%8C%D8%AF-%D8%A7%DB%8C%D9%86%D8%AA%D8%B1%D9%86%D8%AA-%D8%A7%D8%B4%DB%8C%D8%A7-%D8%A7%D8%B3%D8%AA%D8%A7%D9%86%D8%AF%D8%A7%D8%B1%D9%87%D8%A7%DB%8C%D8%A7%D9%85%D9%86%DB%8C%D8%AA%DB%8C%D8%B1%D8%A7-%D8%A8%D8%B1%D8%A7%DB%8C%D8%AF%D8%B3%D8%AA%DA%AF%D8%A7%D9%87%E2%80%8C%D9%87%D8%A7%DB%8C%D9%87%D9%88%D8%B4%D9%85%D9%86%D8%AF%D8%A7%D8%B1%D8%A7%D8%A6%D9%87%D9%85%DB%8C%E2%80%8C%DA%A9%D9%86%D8%AF>