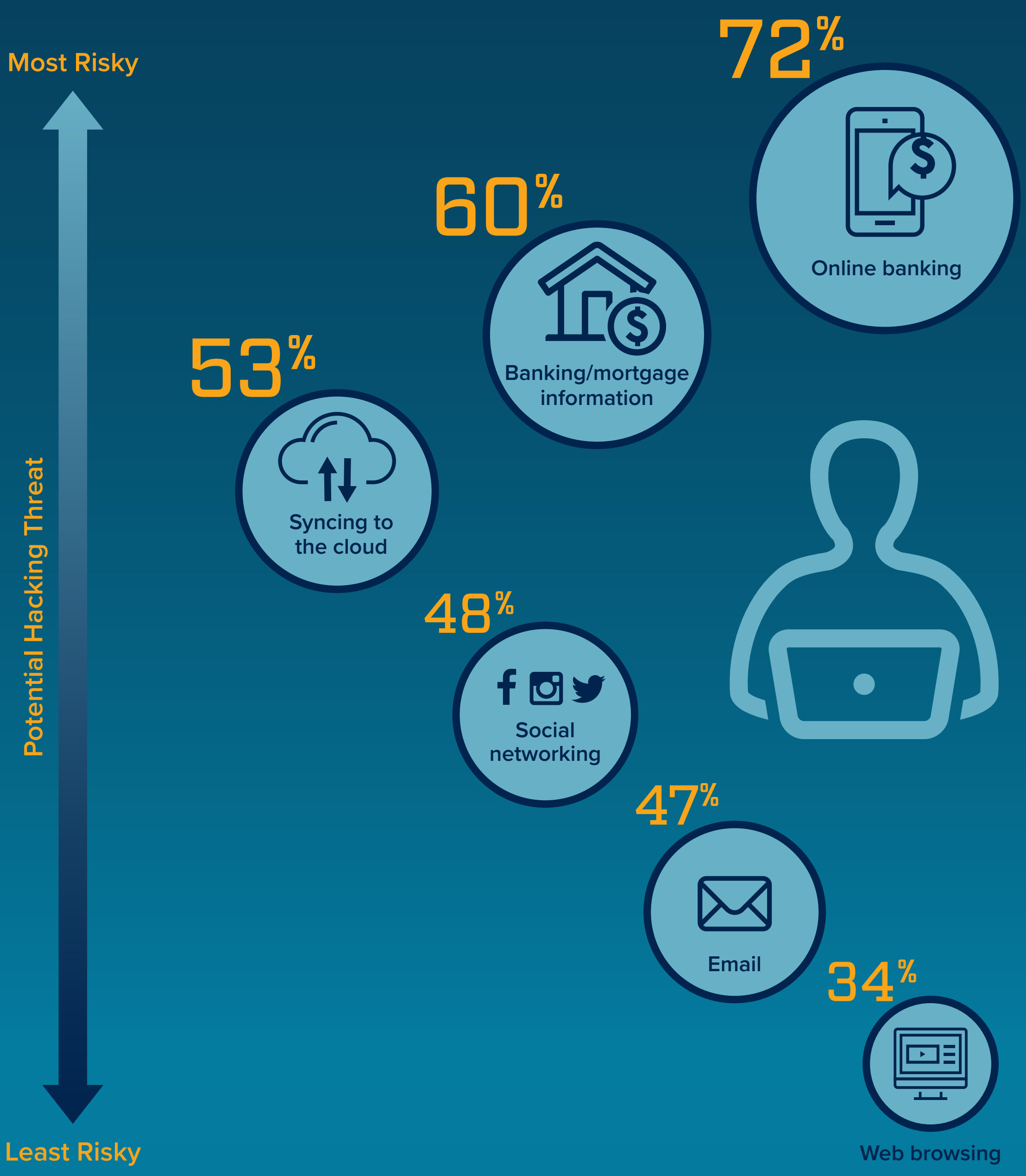


# The Future of Cybersecurity

IEEE hosted an online survey on IEEE Transmitter from February 16–29 which asked participants a variety of questions regarding their views on digital safety and the future of cybersecurity. The 1,903 survey respondents were asked to rate which platforms and personal data they felt were at the most at risk for being hacked. Responses were rated on a scale of least to most risky.



## The Death of Cash by 2030

- 70 percent of respondents believe that by the year 2030, mobile payments will be secure enough to overtake the use of cash and credit cards.



## Hesitation Toward the Growth of Mobile Payment Technology

- According to 46 percent of survey takers, the biggest concern in mobile payment technology is payment information hacks.
- 33 percent of respondents were worried about an unauthorized payment processed by a mobile payment provider.
- Accidental payments made by the NFC tag and/or QR code is feared by 13 percent of people.
- Viral infection through the QR code was only a concern for 8 percent of respondents.



## Cloud Popularity Down

- Cloud storage is not as popular as expected with 26 percent of respondents indicating that it was their least preferred way to save their information.
- Nearly half (49 percent) of survey takers would rather store content on their personal computers.



## Limited Concern for Email Vulnerability

- Email vulnerability is not a very big concern with respondents.
- They indicated the two lowest levels, “not very concerned” and “least concerned,” in regards to their work email (50 percent) or their personal email (49 percent) being hacked.
- This is interesting because there is no dedicated IT department to monitor and protect their personal email as there is for a work-affiliated account.



## Cybersecurity and You

- Results show that 42 percent of survey takers worry that identity theft will be most affected by the continued developments of cybersecurity.
- Following not too far behind is 27 percent afraid of not being able to maintain their online anonymity, 18 percent fearful of piracy and 12 percent who worry about viruses.