Evolving Focus for Security in the Internet

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ABSTRACT
Internet security is a constant battle between newly understood threats and the defences designed to deal with them. In recent years, one area of focus has been about improving the security of transport layer connections. This has resulted in security improvements for general web traffic. Another area of focus is improving basic security for Internet of Things systems, for instance, when it comes to default passwords, software updates, or secure connections. But even with improvements in these areas, other significant security concerns remain or emerge as the more attractive targets. It is important that we call attention to solving them. For instance, if recent data leak cases teach us anything, it is that far too many parties are trading information in a lightweight manner. What can we do to protect users’ data in Internet of Things systems and to prevent misuse of personal information?

BIOGRAPHY
Jari Arkko is a Senior Expert with Ericsson Research. He has also served as the Chair of the Internet Engineering Task Force (IETF), the Internet technology standards development organisation, has worked on routers, testing tools, AAA systems, AI, and cellular networks. He likes to personally build and use the technology that he works with. Today he works on Internet evolution and 5G.