Israel Cidon,

Professor at Technion former Dean of Electrical Engineer and Zoocasa, co-founder, Israel and US

Securing Consumer Cloud Services

Abstract

The emergence of cloud and mobile technologies has introduced a major paradigm shift in the way people employ and mix mobility and productivity software in their personal and professional life. In the traditional practice, the workplace provides employees with a full working environment consisting of hardware infrastructure such as computers and phones and a full set of supported applications such as email, calendar, document and rich media creation, management, sharing and storage. In recent years the consumer market has introduced very user friendly and high quality consumer devices (e.g. iOS and Android phones and tablets) and cloud applications (e.g. Gmail, Evernote, Dropbox, Linkedin). These consumer products have been adopted by a huge number of users in particular the millennial generation which bring these technologies to the work place whether they are sanctioned or not. This trend, termed "Shadow IT" or "Bring Your Own Device/Cloud" has been a major paradigm shifts in the work place, positioning corporate IT in an endless battle they cannot win. In this talk, we will explain these trends and evaluate ways to enable and secure such best of breed technologies inside the work place. We will focus on innovative techniques for overlaying corporate security, visibility and management over such consumer platforms that enable their use within the workplace.

Biographical Sketch

Israel Cidon is a chaired professor and a former dean of Electrical Engineering at the Technion - Israel Institute of Technology.   In 2012, he co-founded Sookasa that provides a layer of compliance and security for popular cloud services. In 2000, he co-founded Actona Technologies that pioneered the fields of Wide Area File Systems (WAFS) and WAN optimization. Actona was acquired by Cisco in 2004 and became Cisco's Wide Area Application Services (WAAS). In 1998 he co-founded Viola Networks, the provider of Netally, a distributed active network testing suite that was acquired by Fluke Networks in 2008. In 1981 he co-founded Micronet, an early vendor of mobile computers (Israeli IPO 2006).

In 1985-94 he was a research member and the manager of the Network Architecture group at IBM Research in NY, leading the first implementations of triple-play packet network and Metropolitan optical resilient packet rings. He received the IBM outstanding innovation award in 1989 and 1993. In 1994-5 Israel founded the high-speed networking group at Sun Labs, Mountain View., were he initiated projects in open network control architectures.

His academic research covers aspects of communication networks including mobility, wireless, Internet and Network on Chip (NoC). He is a co-author of over 170 refereed papers and 28 US patents.