program addendum

KEYNOTE SPEAKER

GREGORY SCHAFFER
Assistant Secretary, Office of Cybersecurity and Communications

U.S. Department of Homeland Security (DHS) Secretary Janet Napolitano appointed Greg Schaffer as Assistant Secretary for Cybersecurity and Communications on June 1, 2009. In his new position, Mr. Schaffer will work within the National Protection Program Directorate (NPPD) to lead the coordinated efforts of CS&C and its components, including the National Cyber Security Division, the Office of Emergency Communications, and the National Communications System. He will engage the public and private sectors as well as international partners to prepare for, prevent, and respond to catastrophic incidents that could degrade or overwhelm the nation's strategic cyber and communications infrastructure.

Prior to joining the department, Mr. Schaffer served as senior vice president and chief risk officer for Alltel Communications LLC, where he had responsibility for logical security, physical security, internal and external investigations, fraud, law enforcement relations,

privacy and regulatory compliance. From 2004-2007, Mr. Schaffer held a variety of senior positions at Alltel—including chief risk officer, chief security officer and chief information security officer.

For four years before joining Alltel, Schaffer was a director in PricewaterhouseCoopers, LLP, Cybercrime Prevention and Response Practice, where he developed and implemented computer forensic examinations in connection with major internal investigations at Fortune 500 companies. Previously, Schaffer served as a computer crime prosecutor in the Computer Crime and Intellectual Property Section at the U.S. Department of Justice from 1997-1999. Prior to joining the Justice Department, Mr. Schaffer was a partner with the law firm of Manatt, Phelps & Phillips specializing in civil litigation related to computer technology issues. Schaffer holds a J.D. from the University of Southern California Law Center and a B.A. degree from the George Washington University.

ADDITIONAL INFORMATION

STEFANO ZANERO
& PAOLO MILANI COMPARETTI
The WOMBAT API: querying a global network of advanced honeypots

In this talk we will report on the the advances we made in building an automatic, global network which can perform early warning, automatic classification and analysis of malware and exploits as they propagate, or are used, worldwide. After analyzing briefly the WOMBAT project in its 3-year outlook, we will introduce some key advances already realized, among which behavioral analysis and specification languages, and the WOMBAT APIs, a set of APIs meant for the analysts and researcher to be able to query the WOMBAT datasets in a seamless manner.

We will show how easy it is, for external projects, to use our APIs to query our datasets; or to give access to their data through the WAPI.

This talk is also open for contribution from the audience on the future directions of the WOMBAT project.issues. Schaffer holds a J.D. from the University of Southern California Law Center and a B.A. degree from the George Washington University.

PAOLO MILANI COMPARETTI
Paolo Milani Comparetti is a post-doctoral researcher at the International Secure Systems lab, Technical University Vienna. The main focus of his research at the moment is (malicious) program analysis and reverse engineering. He is one of the people behind the Anubis malware analysis service.

EGYPT
Egypt has been a core developer for the Metasploit Project since April 2008 and a user of the framework since discovering its existence in 2004. Recently, Egypt joined Rapid7 where he is now working on Metasploit full-time. He is also a member of Attack Research, a group of people dedicated to the in-depth understanding of computer based attacks.

STEFANO ZANERO
Stefano Zanero received a Ph.D. degree in Computer Engineering from the Politecnico of Milano technical university, where he is an Assistant Professor. His current research interests include the development of Intrusion Detection Systems based on unsupervised learning algorithms, security of web applications and computer virology. He has been a speaker at international scientific and technical conferences, and he is the author and co-author of books and articles published in international, peer reviewed journals and conferences. He is a member of the board of the "Journal in Computer Virology", and acts as a reviewer for the "ACM Computing Reviews" and "IEEE Security & Privacy," as well as various primary international conferences. He is a member of the IEEE (Institute of Electrical and Electronics Engineers), the ACM (Association for Computing Machinery), and a founding member of the Italian Chapter of ISSA (Information Systems Security Association), for which he sits in the International Board of Directors. He has also been a columnist for Computer World Italy, and has been awarded a journalism award in 2003. Since 2004 he is a partner and CTO of Secure Network, a Milan firm specializing in information security training and consulting.

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