



大唐电信科技产业集团
DATANG TELECOM TECHNOLOGY & INDUSTRY GROUP

March 02, 2015

Subject: Nomination of Dr. Wei Zhou for oneM2M WG4 (Security) Vice Chairmanship Position

To: oneM2M Officers

On behalf of Datang Telecom Technology@Industry Holdings Co., LTD, a CCSA member, I am pleased to nominate Dr. Wei Zhou as a candidate for the position of Vice Chairman of the Security Working Group (WG4) under the Technical Plenary of oneM2M.

Dr. Zhou is well experienced in the standardization work and security and information technologies. He has been involved in several standardization organizations such as oneM2M, CCSA and China ITS Industry Alliance. Since 2012, Dr. Zhou has been involved in developing oneM2M Technical Specifications and actively participating in Requirements, Architecture and Security related works. He has a good background in the field of information security such as data security, authentication and authorization. With his experience in standardization, security and information technologies, we believe Dr. Zhou is able to contribute actively to progress the security related activities in oneM2M.

Datang will provide all necessary support to Dr. Wei Zhou for fulfilling his task as Vice Chairman of oneM2M Security Working Group.

Sincerely,

Ke Wang

Director of Standardization and Industry

Datang Telecom Technology@Industry Holdings Co., LTD

Brief Curriculum Vitae

Wei Zhou

Senior Standard Engineer, Datang Telecom Technology@Industry Holdings Co., LTD

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Standard Experience:

- 2013 – Current Rapporteur, Security Requirements, Threat Analysis and Countermeasures for V2X Systems, **CCSA Information Security WG**
- 2014 – Current Rapporteur, TR-0016, Study of Authorization Architecture for Supporting Heterogeneous Access Control Policies, **oneM2M WG4**
- 2015 – Current Rapporteur, General Security Requirements of Cooperative Intelligent Transport System, **China ITS Industry Alliance**

Professional Experience (related to security and standardization):

Over 13 years of work experience in the fields of information security and standardization. Experience related to security and standardization is listed as follows:

2012 – Current Senior Standard Engineer, Datang Telecom Technology@Industry Holdings Co., LTD, Beijing, China

- Active contributor of oneM2M standards, e.g. TS-0001, TS-0002, TS-0003 etc.
- Active contributor of CCSA standards, e.g. standard development in TC8 WG2 (Wireless Network Security) and Cloud Security Group such as “Security threats and requirements about the cloud computing” etc.
- Active contributor of China ITS Industry Alliance standards
- M2M and ITS security research and design
- Study and track the progress of ETSI M2M and ETSI ITS
- Study and track the progress of IEEE Std 1609
- Study and track the progress of 3GPP

2010 – 2012 Information Security Researcher, Watchdata System Co. Ltd., Beijing, China

Main responsibility was as a security team leader in the project of developing a demonstrator for the Singapore Next Generation Electronic Road Pricing System Design Proposal.

- Design and implementation of an end-to-end security framework, including physical, communication, personnel, cryptography, certification and IT security, addressing the requirements of confidentiality, integrity, availability and authenticity.
- Design and implementation of a secured payment system.

2008 – 2010 Identity Management Consultant, Stuttgart, Germany

- Identity Management System Design and Development
- Role-Based Access Control Design and Role Mining

2002 – 2004 Researcher, Institute for Telematics, Trier University, Germany

- Public Key Infrastructure (PKI)
- Privilege Management Infrastructure (PMI)
- Role-Based Access Control (RBAC)

Education:

2002 – 2009 Ph.D. Degree, Computer Science, Potsdam University, Germany.

1994 – 1997 Master Degree, Computer Science, Jilin University, China.

1988 – 1992 Bachelor Degree, Computer Science, Jilin University, China.