

ISO/IEC JTC 1/WG 9
Big Data
Convenorship: ANSI (United States)

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**INTERNATIONAL ORGANISATION FOR STANDARDISATION
ORGANISATION INTERNATIONALE DE NORMALISATION
ISO/IEC JTC 1/WG 9 Working Group on Big Data (WGBD)**

**ISO/IEC JTC 1 WGBD N0250
Beijing, CN – July 2016**

No.	Title	TBP	Available
	<i>Meeting report</i>		
N0250	Recommendations of 5th ISO/IEC JTC 1/WG 9 meeting	N	2016/07/14
N0251	Draft Meeting Report of 5th ISO/IEC JTC 1/WG 9 meeting	N	2016/08/14
N0252	DoC on ISO/IEC JTC 1/WG 9 20547-1 1 st WD	N	2016/07/14
N0253	ISO/IEC JTC 1/WG 9 20547-1 2 nd WD	Y	2016/08/15
N0254	DoC on ISO/IEC JTC 1/WG 9 20547-2 PDTR	N	2016/07/14
N0255	ISO/IEC JTC 1/WG 9 20547-2 PDTR	Y	2016/08/15
N0256	DoC on ISO/IEC JTC 1/WG 9 20547-3 2 nd WD	N	2016/07/14
N0257	ISO/IEC JTC 1/WG 9 20547-3 3 rd WD	Y	2016/08/15
N0258	DoC on ISO/IEC JTC 1/WG 9 20547-5 1 st WD	N	2016/07/14
N0259	ISO/IEC JTC 1/WG 9 20547-5 2 nd WD	Y	2016/08/15
N0260	Liaison Statement to SC 27	N	2016/08/14
N0261	6th ISO/IEC JTC 1/WG 9 Meeting Logistics	Y	2016/07/28
N0262	6th ISO/IEC JTC 1/WG 9 Meeting Agenda	Y	2016/07/28

WG 9 Recommendation 1 (Beijing, China): Request for Change of Development Timeframes

WG 9 agrees to the change of development timeframe from 36 to 48 months of the following projects:

- ISO/IEC CD 20546, Information technology – Big Data – Definitions and Vocabulary
- ISO/IEC WD 20547-3, Information technology – Big data reference architecture – Part 3: Reference architecture

WG 9 instructs its Secretary to submit this request to JTC 1 for approval no later than 15 August 2016.

Universal consent

WG 9 Recommendation 2 (Beijing, China): Re-Establishment of WG 9 Ad Hocs

Name	AHG on Awareness and Engagement
Mandate	<ul style="list-style-type: none"> • Disseminate information about the activity of JTC 1/WG 9 to different Big Data communities (research, government initiatives); and • Identify potential new methods to increase awareness and engagement with industry and stakeholders

Co-Chairs	Wael Diab (wael.diab@gmail.com)
Initial Participants	Abellatif Benjelloun Touimi (abdellatif.benjelloun@huawei.com) Ray Walshe (ray.walshe@computing.dcu.ie) Dave Boyd (dboyd@incadencecorp.com)
Duration	Until 6 th Meeting

Name	AHG on Big Data Governance
Mandate	<ul style="list-style-type: none"> • Mature contribution to text that can be included in the draft for a CD; • Identify where the content goes in <ul style="list-style-type: none"> ○ Currently 8.9.5 identified starting point ○ Identify, if appropriate, functional components to align with activities ; and • Coordinate/align with <ul style="list-style-type: none"> ○ JTC 1/SC 40 on IT data governance work ○ ISO/TC 84/SC 4/WG 13 on data quality management
Chair	Ismael Caballero (Ismael.caballero@uclm.es)
Initial Participants	Wansup Cho (wsch063@gmail.com), Jinghua Min (minjinghua@cecgw.cn)
Duration	Until 6 th Meeting

Name	AHG on Big Data Reference Interface
Mandate	<ul style="list-style-type: none"> • Study the possible models for specifying the categories of the interfaces, and propose one suitable to capture the functional characteristics of the interfaces between BDRA components with a proper level of detail ; and • Based on the proposed approach, continue maturizing the texts (and the necessary figures, if any) on BDRA interfaces by defining the interfaces most common between BDRA components (should align with the functional view).
Chair	Liang Guang (guang.liang@huawei.com)
Initial Participants	Davd Boyd (dboyd@incadencecorp.com), Wael Diab (wael.diab@gmail.com), Suwook Ha (sw.ha@etri.re.kr)
Duration	Until 6 th Meeting

Universal consent

WG 9 Recommendation 3 (Beijing, China): Information for JTC 1/SC 27

WG 9 requests JTC 1/SC 27 provide WG 9 with an annotated table of contents for ISO/IEC 20547-4 so that WG 9 may review and comment on the organization and current content of the draft. WG 9 requests that JTC 1/SC 27 submit this document no later than 15 September 2016.

Universal consent

WG 9 Recommendation 4 (Beijing, China): Liaisons

WG 9 appoints the following individuals as Liaison Representatives to the groups listed below:

Committee	WG 9 Representative to	WG 9 Representative from
JTC 1/SC 27	Jinghua MIN	Jinghua MIN
JTC 1/SC 29/WG 11	Abdellatif Benjelloun TOUIMI	Abdellatif Benjelloun TOUIMI
JTC 1/SC 32	Jörn BARTELS	Jörn BARTELS
JTC 1/SC 32/WG 1	None	Jake KNOPPERS
JTC 1/SC 32/WG 2	None	Sun GUANGZHI
JTC 1/SC 38	Ray WALSHE	Ray WALSHE
JTC 1/SC 39	Wael DIAB	Wael DIAB
ISO/TC 69	Nancy GRADY	None
ISO/TC 204	Wael DIAB	Wael DIAB
ITU-T SG 13	Kangchan LEE	Kangchan LEE
Industrial Internet Consortium (IIC)	Wael DIAB	Wael DIAB

Universal consent

WG 9 Recommendation 5 (Beijing, China): Definition of Alignment in ISO/IEC WD 20547-3.2

WG 9 members are requested to research appropriate names and definitions to correct the alignment issue noted in the US 11 comment on clause 7.2 regarding the term user as contained in the disposition of comments document WG 9 N 256. Any contributions on this topic should be submitted no later than 14 October 2016 for consideration at the 28 November -2 December 2016 WG 9 meeting.

Universal consent

WG 9 Recommendation 6 (Beijing, China): Request for Contribution on Clause 8.3 of ISO/IEC WD 20547-3.2

WG 9 requests Mr. Guatam Banerjee to prepare a detailed contribution on clause 8.3 to correct the errors identified in the Indian comment in document WG 9 N 227 on ISO/IEC WD 20547-3.2 as contained in WG 9 N 198. Any use cases that can provide rationale are encouraged. This contribution should be submitted no later than 14 October 2016 for consideration at the 28 November -2 December 2016 WG 9 meeting.

Universal consent

WG 9 Recommendation 7 (Beijing, China): Clause 9 of ISO/IEC WD 20547-3.2

WG 9 accepts the modified text as contained in the Chinese contribution contained in WG 9 N 229 and as described in the change proposal presented by David Boyd and Liang Guang as

contained in WG 9 N 246. This change will be reflected in the next version of ISO/IEC WD 20547-3.2.

Universal consent

WG 9 Recommendation 8 (Beijing, China): Call for Contributions on Table 1 of ISO/IEC WD TR 20547-5.1

WG 9 request contributions on Table 1 of ISO/IEC 20547-5 that modifies the categorization in accordance with comment KR03 as contained in the disposition of comments contained in WG 9 N 258. Any contributions should be submitted no later than 15 September 2016 to the WG 9 Convenor. These contributions will be discussed on a WG 9 telecon to be scheduled in advance of the 28 November 2016 WG 9 meeting.

Universal consent

WG 9 Recommendation 9 (Beijing, China): Progression of JTC 1/WG 9 Projects

Project	Title	Due Dates
ISO/IEC WD TR 20547-1	Frame work and application process	2016-08-15: Updated WD due to WG 9 Convenor 2016-10-14: WG 9 expert editorial comments and change proposals due 2016-11-11: Proposed DoC Due for expert consideration
ISO/IEC WD 20547-3	Reference architecture	2016-08-15: Updated WD due to WG 9 Convenor 2016-10-14: WG 9 expert editorial comments and change proposals due 2016-11-11: Proposed DoC Due for expert consideration
ISO/IEC WD TR 20547-5	Standards Roadmap	2016-08-15: Updated WD due to WG 9 Convenor 2016-10-14: WG 9 expert editorial comments and change proposals due 2016-11-11: Proposed DoC Due for expert consideration

Universal consent

WG 9 Recommendation 11 (Beijing, China): Progression of ISO/IEC PDTR 20547-2

WG 9 agrees to progress ISO/IEC 20547-2 to PDTR balloting. The Project Leader is instructed to provide an updated text that removes any reference to NIST use case numbers and includes internal links to the WG 9 Convenor and Secretary no later than 15 August 2016. The WG 9 Secretary is instructed to submit the text to the JTC 1 Secretary for a 2-month PDTR ballot immediately up on receipt.

Objection from Japanese experts – Sudden PDTR announcement under unclear project plan is the reason for the objection.

WG 9 Recommendation 12 (Beijing, China): Work Plan for ISO/IEC WD TR 20547-1

WG 9 agrees to the proposed work plan for ISO/IEC WD TR 20547-1 until the next meeting:

Project	Plan
ISO/IEC WD TR 20547-1	1. PDTR 3 months after CD 1 of ISO/IEC 20547-3

Universal consent

WG 9 Recommendation 13 (Beijing, China): Work Plan for ISO/IEC WD TR 20547-2

WG 9 agrees to the proposed work plan for ISO/IEC WD TR 20547-2 until the next meeting:

Project	Plan
ISO/IEC WD TR 20547-2	<ol style="list-style-type: none">1. PDTR comment resolution during the 28 November – 2 December 2016 WG 9 meeting2. Publication June 2017

Universal consent

WG 9 Recommendation 14 (Beijing, China): Work Plan for ISO/IEC WD 20547-3

WG 9 agrees to the proposed work plan for ISO/IEC WD 20547-3 until the next meeting:

Project	Plan
ISO/IEC WD 20547-3	<ol style="list-style-type: none">1. CD Ballot issued in February 20172. DIS Ballot in November 2017

Universal consent

WG 9 Recommendation 15 (Beijing, China): Work Plan for ISO/IEC WD TR 20547-5

WG 9 agrees to the proposed work plan for ISO/IEC WD TR 20547-5 until the next meeting:

Project	Plan
ISO/IEC WD TR 20547-5	1. PDTR 3 months after CD 1 of ISO/IEC 20547-3

Universal consent

WG 9 Recommendation 16 (Beijing, China): Additional Project Editors for ISO/IEC 20547-3

WG 9 nominates the following additional project editors for ISO/IEC 20547-3:

- Liang Guang, CN
- Toshihiro Suzuki, JP

The WG 9 Secretary is instructed to submit this request to the JTC 1 Secretary no later than 15 August 2016 for approval.

Universal consent

WG 9 Recommendation 16 (Beijing, China): Future Meetings

WG 9 agrees to the following meeting schedule:

15 August 2016, 2100 UTC – Electronic Meeting to Discuss ISO/IEC CD 20546 comments

30 August 2016, 1300 UTC – TENTATIVE Electronic Meeting to Discuss ISO/IEC CD 20546 comments

30 September 2016, 2100 UTC – TENTATIVE ISO/IEC 20547-5 Table 1 Discussion

28 November – 2 December 2016 – GMU Campus, Fairfax, VA, USA

10-14 April 2017 – Matsue, Japan

Universal consent

WG 9 Appreciation Recommendations

WG 9 Beijing Appreciation 1 – Meeting Host

WG 9 expresses its appreciation to the meeting hosts China Electronics Standardization Institute, The School of Software and Institute for Data Science of Tsinghua University, and SAC. In particular, WG 9 notes the special efforts of Wu Dongya, Wang Jianmin, Zhao Jinghua, Wang Chaokun, Zhang Qun, Li Bing and Liu Liang.

Unanimous appreciation

WG 9 Beijing Appreciation 2 – Convenor, Secretariat, Officers, Project Editors and Participants

WG 9 expresses its appreciation to its Convenor, its Secretariat, its Officers, its Project Editors and all participants for their support of the work of WG 9.

Unanimous appreciation