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GB/T 32427-2015

**Information technology -- SOA maturity model and assessment
method**

信息技术 SOA 成熟度模型及评估方法

(English Translation)

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Foreword

This standard was drafted in accordance with GB/T 1.1-2009 given rules.

This standard uses redrafted modification method using ISO/IEC 16680:2012 "Information technology - Open Group Service Integration Maturity Model (OSIMM) ".

The Standard and ISO/IEC 16680:2012 as compared to the structure have more

adjustments to increase listed in Appendix C of this standard and ISO/IEC 16680:2012 clauses numbered control list. This standard also made the following editorial changes.

--- Modify the international standard name "The Open Group Service Integration Maturity Model" to "IT SOA Maturity Model and Assessment method"

--- Remove This International Standard "Introduction" "Market ID" "Acknowledgements", "Reference Document";

--- Increase the "Dimensions" definition "maturity indicators" "Maturity Level Properties" "virtual service" 5 The term "domain", the original term First appears in the first chapter of the international standard "Introduction," in;

--- Remove This International Standard "Introduction" in the "Reference";

--- Increase our national standard published as a normative reference documents and references;

--- Delete this international standard "introduction" of 1.2 and 1.3 in the standard application scenarios explanatory paragraph;

--- Delete this international standard "introduced" in the "service" and "service-oriented" "SOA", etc., have been defined in the standard terminology of the SOA Term and "organization", "should" and other generic terms;

--- Modify the international standard "tissue" means "organization" and "information technology projects";

--- Delete C "of this standard and other SOA standard relational" appendix to the international standards;

--- Remove This International Standard Appendix D "The standard of relations with other international standards." Please note that some of the content of this document may involve patents. Release mechanism of the present document does not assume responsibility for the identification of these patents.

This standard by the National Information Technology Standardization Technical Committee (SAC/TC28) and focal points.

This standard was drafted. China Electronics Standardization Institute, Beijing University of Aeronautics and Astronautics, Shanghai Baoxin Software Co., Ltd., China State PLA Logistics Academy.

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SOA Maturity Model and Assessment Methods

1 Scope

This standard specifies the SOA maturity model and based on the evaluation method of the SOA maturity model, including. SOA maturity model group Into dimensions and level of maturity, indicators of each dimension, assessment and mapping rules, assessment and evaluation procedures.

This standard applies to information technology users, manufacturers and third-party organization or institution for a degree of information technology projects to carry out the application of SOA Evaluation.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version suitable for use herein Member. For undated references, the latest edition (including any amendments) applies to this document.

GB/T 29262-2012 architecture IT service-oriented (SOA) term GB/T 29263-2012 architecture IT service-oriented (SOA) application of the general technical requirements

3.1 Terms and Definitions

GB/T 29262-2012 and as defined in the following terms and definitions apply to this document.

3.1.1

Dimension

To assess the organization and an important aspect of information technology projects SOA maturity levels.

Note: The dimension of the proposed standard represents the next business and IT environments using SOA can produce content greater impact. An organization or information technology projects in each A dimension can be at different levels of maturity, the overall maturity level organization or information technology projects can be determined based on the dimensions of the integrated level set. There is a certain relationship between the various dimensions.

3.1.2

Domain

Element composition dimensions, showing a more specific aspect of a dimension that can be used to assess the SOA into organization or information technology projects Maturity level.

NOTE: The standard proposed in this field represents the use of SOA in a dimension can have a greater impact content. Each domain on every have a maturity level One or more maturity