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CERTIFICATION AND ACCREDITATION INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

RB/T 206-2014

Assessment requirements for service capability maturity of data center

数据中心服务能力成熟度评价要求

(English Translation)

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Foreword

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

This standard is proposed and managed by the National Certification and Accreditation Administration.

This standard was drafted. China Information Security Certification Center, China Merchants Bank Co., Ltd., China Hewlett-Packard Co., Ltd., Beijing Trends Lead Information Consulting Co., Ltd., Wan Guo Data Co., Ltd.

Introduction

The data center service capability maturity proposed in this standard refers to the maturity of process management of a data center to provide services, that is, from Data center stakeholders realize the basic claims of revenue, control risk and optimize resources, establish data center goals and achieve this the service capabilities that these goals should have. These service capabilities are categorized into three domains. strategic development, continuous operations, and organizational governance.

The domain is further refined into several subdomains. For each process in the sub-domain, the maturity evaluation is based on the evaluation evidence, and then, by weighted averaging the maturity of the process areas at all levels and the overall maturity of the data center service capabilities are calculated.

Evaluating the maturity of data center service capabilities can provide a basis for management decisions for data centers and help to continuously improve data.

The service level of the center. The preparation of this standard is expected to provide a common approach to assessing the maturity of data center service capabilities.

The maturity evaluation of this standard refers to CMMI (Capability Maturity Model).

Integration), COBIT (Information and related technology control objectives,

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ControlObjectivesforInformationandRelated Technology) and GartnerI Into the classification method, that is, after the low level can be promoted, the evaluation of the evaluation points of this standard process is determined by the progressive classification method, the process, the process sub-domain, the process area and data center overall maturity evaluation adopts the weighted average classification method.

Data Center Service Capability Maturity Evaluation Requirements

1 Scope

This standard specifies the evaluation targets, evaluation indicators, evaluations, and evaluations of monitoring, measurement, and promotion of data center service capability maturity.

This standard applies to the maturity of service capabilities of third-party data centers, Internet data centers, and cloud service data centers.

Line evaluation can also be used for self-evaluation in the data center.

2 Normative references

The following documents are indispensable for the application of this document. For dated references, only dated versions apply to this article.

Pieces. For undated references, the latest edition (including all amendments) applies to this document.

GB/T 19000-2008 Quality Management System Foundation and Terminology

3 Terms and definitions

The following terms and definitions apply to this document.

Data center Have a reliable environment, perfect equipment, professional talents, and provide professional applications and data to their customers through information technology.

Organizations such as information technology related professional services.

Service capacity maturity servicecapabilitymaturity Provides performance measurement of service process management.

Process

A group of interrelated or interacting activities that convert input into output.

Process subdomain processsub-area A collection of related processes.

Process area A collection of related process subdomains.

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Evaluation assessment Adopt a series of evaluation methods such as forensics, analysis and conversion to determine the process of data center service capability maturity.

Evaluated asssee

The data center being evaluated.

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