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**Digital government architecture framework - Part 1: Reference
model**

数字政府架构框架 第1部分：参考模型

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Foreword

This document is in accordance with the provisions of GB/T 1.1-2020 "Guidelines for standardization work Part 1: Structure and drafting rules for standardization documents" Drafting.

This document is Part 1 of GB/T 45963, Digital Government Architecture Framework. GB/T 45963 has been published in the following parts.

- Part 1: Reference model;
- Part 2: Architecture design;
- Part 3: Governance;
- Part 4: Competence assessment;
- Part 5: Information exchange model.

Please note that some of the contents of this document may involve patents. The issuing organization of this document does not assume the responsibility for identifying patents.

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Introduction

Digital government is an important part of digital transformation. The in-depth application of digital technology and the extensive construction of various systems have increased the digital government's complexity. The complexity of digital government is that it takes overall planning, overall coordination, interconnection and intensive construction as its development content and characteristic requirements. Therefore, the application of The need to recognize, understand and guide the entire process of digital government through systematic thinking is becoming increasingly prominent.

The top-level design of the government can not only promote the organic integration of technical elements, but also help promote the formation of collaborative consensus among multiple subjects and resource allocation. Improved efficiency.

GB/T 45963 "Digital Government Architecture Framework" aims to provide a conceptual approach for the top-level design of digital government and enhance the scientific and continuous nature of the planning will help digital government planners, designers, developers and builders to establish a unified understanding and form a Provides overall guidance for digital government planning. In actual application, it can be selected and tailored according to specific situations and actual needs.

GB/T 45963 is intended to consist of five parts (as shown in Figure 1).

- Part 1: Reference Model. The purpose is to provide the content and design process of the top-level design of digital government in the organizational dimension, and to provide a reference for the implementation of digital government.

It provides unified reference and direction guidance for the government's coordinated planning and overall planning.

- Part 2: Architecture Design. The purpose is to provide the architecture design of government digitalization projects in the engineering dimension under the guidance of the reference model.

Design methods and architecture design processes are used to guide how to carry out the overall planning of government digital projects.

- Part 3: Governance. The purpose is to standardize the elements for controlling the various contents of the top-level design of digital government under the governance dimension.

The composition, mutual relations, specific requirements, etc. provide various supports and guarantees for the smooth implementation of the top-level design of digital government.

- Part 4: Capacity Assessment. The purpose is to conduct maturity analysis and Judge, establish the basis and level of evaluation, and provide a path for continuous improvement for the top-level design capabilities of digital government.

- Part 5: Information Exchange Model. The purpose is to provide the extended content and specific application of the data reference model, and to specify the cross-border The requirement for formal description of information resources in the context of domain information exchange is to promote cross-domain common understanding and collaboration of data. Figure 1 GB/T 45963 structure Digital Government Architecture Framework Part 1: Reference Model

1 Scope

This document establishes the design principles of various reference models in the digital government architecture framework, and provides the target reference model, business reference model, The contents of the model, data reference model, application reference model, infrastructure reference model, operation reference model, and security reference model.

This document is applicable to guiding the top-level design of digital government in the organizational dimension.

2 Normative references

This document has no normative references.

3 Terms and Definitions

The following terms and definitions apply to this document.