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**NATIONAL STANDARD OF THE
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**National integrated government big data system - Part 2:
Requirements for data sharing and exchange**

全国一体化政务大数据体系 第2部分：数据共享交换要求

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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 2 of GB/T 45800 "National Integrated Government Big Data System". GB/T 45800 has been published as follows part.

- Part 1: Overall framework;
- Part 2: Data sharing and exchange requirements.

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.

This document is proposed and coordinated by the National Technical Committee for Standardization of Administrative Management and Services (SAC/TC594).

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Introduction

In order to integrate and build a national integrated government big data system with unified standards, reasonable layout, coordinated management, security and reliability, and strengthen government data Sharing, promoting the orderly flow of government data in accordance with the law, giving full play to the role of government data in improving the government's ability to perform its duties, supporting the construction of digital government, and promoting The General Office of the State Council issued the "National Integrated Government Big Data System Construction Guidelines" to promote the modernization of the national governance system and governance capacity.

A series of policy documents, including the "Guidelines for the Establishment of a National Integrated Government Big Data System" (Guobanhan [2022] No. 102), have put forward new requirements for the construction and management of a national integrated government big data system. Require.

In order to further play the fundamental and supporting role of standards in the national integrated government big data system, the basic Build a unified standard system in seven aspects. basic general, basic resources, shared services, data application, platform and technology, monitoring and management, and security assurance The framework clarifies the technical requirements and business rules for government data sharing and provides a basic basis for all work related to government data sharing.

The service requirements are planned to focus on "one number and one source", data

exchange, supply and demand docking, data return, objection handling, and data direct to the grassroots level.

etc., and formulate a series of national standards for the "National Integrated Government Big Data System".

National integrated government big data system Part 2: Data Sharing and Exchange Requirements

1 Scope

This document specifies the overall framework, exchange methods and requirements, exchange Process and data security.

This document is applicable to government departments at all levels that rely on the national government big data platform, provincial government data platforms, and government data platforms of industry departments.

Data exchange work is carried out on government data platforms at all levels, and at the same time, other organizations rely on government data platforms at all levels to participate in data exchange Provide reference for work.

2 Normative references

GB/T 22239

GB/T 35273

GB/T 36344-2018

GB/T 39477

GB/T 39786

GB/T 43697

3 Terms and Definitions

The following terms and definitions apply to this document.

3.1 Data Exchange

By adopting interface transmission, library table exchange, file exchange and other methods, data is transferred between different parties to achieve communication between different systems.

The process of interoperability, data sharing, and collaborative operation.

[Source. GB/T 37043-2018, 2.3.3, modified]

3.2 While ensuring the security, reliability and compliance of government data

A comprehensive data platform based on big data technology that centrally manages, integrates and shares government data resources.

Note 1. Government data platforms include the national government big data platform, provincial government data platforms, industry regulatory department government data platforms, city and county government data platforms, Platform and its subordinate industry government data platform.

Note 2. The government data platform aims to centrally manage, integrate and share government data resources to support government decision-making, improve work efficiency and public service levels.

3.3

A comprehensive government data platform at the national level that integrates government data sharing management and services.