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Road vehicles — Extended vehicle (ExVe) web services —

Part 4: Control

Véhicules routiers — Web services du véhicule étendu (ExVe) —

Partie 4: Contrôle

Reference number
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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT) see www.iso.org/iso/foreword.html.

This document was prepared by Technical Committee ISO/TC 22, *Road vehicles*, Subcommittee SC 31, *Data communication*.

This second edition cancels and replaces the first edition (ISO/TR 20078-4:2019), which has been technically revised.

The main changes are as follows:

— revised the clause containers;

— added new subclause describing push of resources (5.4.3).

A list of all parts in the ISO 20078 series can be found on the ISO website.

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Road vehicles — Extended vehicle (ExVe) web services —

Part 4: Control

1 Scope

This document describes the processes of an offering party's implementation to provide (ISO 20078-2) access-controlled (ISO 20078-3) resources (ISO 20078-1) to accessing parties. The processes are summarized as: registration of different stakeholder as well as granting, denying and revoking of access to resources. Those processes are held as examples of combining ISO 20078-1, ISO 20078-2 and ISO 20078-3 and can vary depending on the actual implementation of the offering party.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 20078-1, *Road vehicles — Extended vehicle (ExVe) web services — Part 1: Content and definitions*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in ISO 20078-1 apply.

ISO and IEC maintain terminology databases for use in standardization at the following addresses:

— ISO Online browsing platform: available at https://www.iso.org/obp

— IEC Electropedia: available at https://www.electropedia.org/

4 Roles

4.1 Resource owner

4.1.1 Resources

The resource owner is in control of the access to its resources. To control access, the resource owner uses the processes: granting, denying, ignoring and revoking.

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