



**International
Standard**

ISO/IEC 26138

**Information technology — OpenID
connect — OAuth 2.0 multiple
response type encoding practices**

**First edition
2024-10**

iTeh Standards
(<https://standards.itih.ai>)
Document Preview

[ISO/IEC 26138:2024](https://standards.itih.ai/catalog/standards/iso/877b3e7d-06c4-4676-a941-c998f0e88901/iso-iec-26138-2024)

<https://standards.itih.ai/catalog/standards/iso/877b3e7d-06c4-4676-a941-c998f0e88901/iso-iec-26138-2024>

iTeh Standards
(<https://standards.iteh.ai>)
Document Preview

[ISO/IEC 26138:2024](https://standards.iteh.ai/catalog/standards/iso/877b3e7d-06c4-467c-a941-c998f0e88901/iso-iec-26138-2024)

<https://standards.iteh.ai/catalog/standards/iso/877b3e7d-06c4-467c-a941-c998f0e88901/iso-iec-26138-2024>



COPYRIGHT PROTECTED DOCUMENT

© ISO/IEC 2024

All rights reserved. Unless otherwise specified, or required in the context of its implementation, no part of this publication may be reproduced or utilized otherwise in any form or by any means, electronic or mechanical, including photocopying, or posting on the internet or an intranet, without prior written permission. Permission can be requested from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office
CP 401 • Ch. de Blandonnet 8
CH-1214 Vernier, Geneva
Phone: +41 22 749 01 11
Email: copyright@iso.org
Website: www.iso.org

Published in Switzerland

Foreword

ISO (the International Organization for Standardization) and IEC (the International Electrotechnical Commission) form the specialized system for worldwide standardization. National bodies that are members of ISO or IEC participate in the development of International Standards through technical committees established by the respective organization to deal with particular fields of technical activity. ISO and IEC technical committees collaborate in fields of mutual interest. Other international organizations, governmental and non-governmental, in liaison with ISO and IEC, also take part in the work.

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 document should be noted (see www.iso.org/directives or www.iec.ch/members_experts/refdocs).

ISO and IEC draw attention to the possibility that the implementation of this document may involve the use of (a) patent(s). ISO and IEC take no position concerning the evidence, validity or applicability of any claimed patent rights in respect thereof. As of the date of publication of this document, ISO and IEC had not received notice of (a) patent(s) which may be required to implement this document. However, implementers are cautioned that this may not represent the latest information, which may be obtained from the patent database available at www.iso.org/patents and <https://patents.iec.ch>. ISO and IEC shall not be held responsible for identifying any or all such patent rights.

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

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. In the IEC, see www.iec.ch/understanding-standards.

This document was prepared by the OpenID Foundation (OIDF) (as OAuth 2.0 Multiple Response Type Encoding Practices) and drafted in accordance with its editorial rules. It was adopted, under the JTC 1 PAS procedure, by Joint Technical Committee ISO/IEC JTC 1, *Information technology*.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html and www.iec.ch/national-committees.

Abstract

This specification provides guidance on the proper encoding of responses to OAuth 2.0 Authorization Requests in which the request uses a Response Type value that includes space characters. Furthermore, this specification registers several new Response Type values in the OAuth Authorization Endpoint Response Types registry.

This specification also defines a Response Mode Authorization Request parameter that informs the Authorization Server of the mechanism to be used for returning Authorization Response parameters from the Authorization Endpoint.

iTeh Standards (<https://standards.itih.ai>) Document Preview

[ISO/IEC 26138:2024](https://standards.itih.ai/catalog/standards/iso/877b3e7d-06c4-467c-a941-c998f0e88901/iso-iec-26138-2024)

<https://standards.itih.ai/catalog/standards/iso/877b3e7d-06c4-467c-a941-c998f0e88901/iso-iec-26138-2024>

Table of Contents

- 1. Introduction**
 - 1.1. Requirements Notation and Conventions**
 - 1.2. Terminology**
- 2. Response Types and Response Modes**
 - 2.1. Response Modes**
 - 2.2. Multiple-Valued Response Types**
- 3. ID Token Response Type**
- 4. None Response Type**
- 5. Definitions of Multiple-Valued Response Type Combinations**
- 6. IANA Considerations**
 - 6.1. OAuth Authorization Endpoint Response Types Registration**
 - 6.1.1. Registry Contents**
 - 6.2. OAuth Parameters Registration**
 - 6.2.1. Registry Contents**
- 7. Security Considerations**
- 8. References**
 - 8.1. Normative References**
 - 8.2. Informative References**
- Appendix A. Example using Multiple-Valued Response Type**

Document Preview

[ISO/IEC 26138:2024](#)

<https://standards.iteh.ai/catalog/standards/iso/877b3e7d-06c4-467c-a941-c998f0e88901/iso-iec-26138-2024>

