

IETF 119  
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# OAuth 2.1

[https://datatracker.ietf.org/doc/draft-ietf-oauth-v2-1/  
draft -10](https://datatracker.ietf.org/doc/draft-ietf-oauth-v2-1/draft-10)

# Changes from draft-08 and IETF 117 Discussion

- Split access token section into structure and request
- Consolidated authorization code flow security considerations
- Clarified authorization code reuse
- Moved “scope” definition to introduction section
- Added definition of application/x-www-form-urlencoded
- ... and more!

<https://github.com/oauth-wg/oauth-v2-1/milestone/7?closed=1>

## #128: Problematic Client ID+Secret Encoding

From Filip:

The biggest offender here is Google who uses - and . in their client\_id values but fails to authenticate clients that properly encode those characters. Because of this, it's been the case for years that the most interoperable client implementation was to encode every non-alphanumeric character except - \_ . ! ~ \* ' ( ), which doesn't follow the definition.

...

I think we should discuss restricting the client\_id and client\_secret syntax to alphanumerics only to avoid this mess completely.

# Planned Changes for -11

- [#64](#) Finish moving normative language from security considerations inline in the doc
- [#97](#) Expand the differences from OAuth 2.0 to include for which roles each change is a breaking change

Still more open issues

<https://github.com/oauth-wg/oauth-v2-1/issues>

# Timeline

- **Feb 2024:** Bring Security BCP to IESG
  - Finish syncing all Security BCP changes into OAuth 2.1
- **Mar 2024 (IETF 119):** Browser BCP WGLC
  - WGLC will start next week after IETF 119
  - Add references to Browser BCP in OAuth 2.1 where appropriate
- **Apr 2024:** Ask for preliminary review from HTTP WG
- **Apr-Jul 2024:** Wrap up all open issues
  - *We need your help! PRs are very welcome!*
- **Jul 2024 (IETF 120):** Publish draft -11
- **Jul-Nov 2024:** Actually wrap up all open issues
- **Nov 2024 (IETF 121):** OAuth 2.1 WGLC

<https://github.com/oauth-wg/oauth-v2-1>