

Technical Update on LSP7 Digital Asset and LSP8 Identifiable Digital Asset

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Today's article focuses on the main changes in the LUKSO token standards, commonly known as [LSP7 Digital Asset](#) and [LSP8 Identifiable Digital Asset](#).

With these new updates, the LSP7 and LSP8 standards have now moved to the ["review" stage](https://github.com/lukso-network/LIPs?tab=readme-ov-file#lip-status-terms).

We will cover the latest changes introduced in the LSP7 and LSP8 token standards by breaking down changes that apply to both and changes specific to each one.

Table of Content

Changes applicable to both LSP7 + LSP8

- Interface IDs changes
- LSP7 + LSP8 now support LSP17 Extendable by default
- New LSP4 Token Type data key
- Operators get notified via LSP1 Universal Receiver
- Events related to operators renamed
- New batchCalls(bytes[])

function added to LSP7 + LSP8

- Full data value emitted in DataChanged

event

- LSP4Metadata valueContent: change from JSONURL

to VerifiableURI

- Data sent when notifying via LSP1 is now ABI-encoded

Changes specific to LSP7

- $\text{+increaseAllowance}(\dots)$

and $\text{--decreaseAllowance}(\dots)$

functions added

- getOperatorsOf(address)

function added in LSP7

Changes specific to LSP8

- ⇄ New argument `lsp8TokenIdFormat`

set on deployment

- New function `get/setDataForTokenId(...)`

to set metadata per tokenId (including batch function)

- New event `TokenIdDataChanged`
- Deprecated data keys: `LSP8MetadataTokenURI`

Conclusion, Guides and Useful Links