Enabling global identity
Protecting digital trust

verifiable LEI (vLEI) Ecosystem Governance Framework v4.0

Technical Requirements Part 3: vLEI Credential Schema Registry

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This Controlled Document specifies all policies regarding the publication of the official JSON Schema for the vLEI credentials.

The DID URL link for this Controlled Document is: did:keri:EINmHd5g7iV-UldkkkKyBIH052bIyxZNBn9pqzNrYoS?service=vlei-documents&relativeRef=/egf/docs/2026-03-25_vLEI-EGF-v4.0-Technical-Requirements-Part-3-vLEI-Credential-Schema-Registry_v1.2_Final.pdf

Change History

This section records the history of all changes to this document.

EGF Version	Document Version	Date	Description of Change
2.0	1.1	December 15, 2023	Updated link to specifications in Related Specifications section 1.1; updated URLs in Schema Table, section 2.3, to GLEIF-IT hosted URLs; formatting, editing (for example, consistent capitalization of defined terms).
4.0	1.2	March 25, 2026	Updated specification links in section 1.1, Related Specifications; removed section 3, Informative Notes.

1 Related Specifications

1. JSON Schema Version 2020-12
   https://json-schema.org/draft/2020-12/release-notes.html

2. Authentic Chained Data Container (ACDC) Specification
   https://trustoverip.github.io/kswg-acdc-specification/

3. Composable Event Streaming Representation (CESR) Specification
   https://trustoverip.github.io/kswg-cesr-specification/

4. Semantic Versioning Specification 2.0
   https://semver.org

2 Official vLEI Credential Schema

2.1 Requirements

A SAID (Self-addressing Identifier) is an encoded agile cryptographic digest of the contents of the schema. Any change to the schema results in a new SAID. Therefore, each and every version of any schema has a universally unique SAID across all schema and all versions of all schema. Any copy of a schema that verifies against the SAID published in the following table can be assumed to be identical to any other copy that verifies to the same SAID by virtue of the strong collision resistance of the digest employed.

1. The digest algorithm employed for generating schema SAIDs MUST have an approximate cryptographic strength of 128 bits.
2. The SAID MUST be generated in compliance with the Self-addressing Identifiers (SAIDs) specification and MUST be encoded using CESR. The CESR encoding indicates the type of cryptographic digest used to generate the SAID.
3. The schema MUST be JSON-Schema 2020-12 compliant. The table in 2.3 below provides the normative SAIDs for each of the official schema.

2.2 Versioning

As ACDCs (Authentic Chained Data Containers), the vLEI schema uses composition operators from JSON Schema. This allows extensibility in schema such that in many cases, newer schema versions may be backward compatible with older schema versions.

A new schema version is considered backward incompatible with respect to a previous

version of a schema when any instance of a vLEI credential that validates against the previous version of the schema may not be guaranteed to validate against the new version.

1. As per the semantic versioning rules, a backward incompatible schema MUST have a higher MAJOR version number than any backward incompatible version.

2.3 Schema Table

The following table provides, in descending order, row-by-row, the latest version, the SAID, and the type of each official schema, along with a URL. The URL is a network location where a copy of the schema may be obtained. Updated versions will be added to the top of the table upon designation by GLEIF as official Governing Body of the vLEI Ecosystem. The version number for each schema follows the Semantic Versioning 2.0.0 specification.

Version	SAID	Type	URL
1.0.0	ELqriXX1-IbV9zgXP4BXxqJlpZTgFchll3cyjaCyVKiz	QualifiedvLEIIssuervLEICredential	https://github.com/GLEIF-IT/vLEI-schema/blob/main/qualified-vLEI-issuer-vLEI-credential.json
1.0.0	EK0jwjJbtYLIynGtmXXLO5MGJ7BduX2vr2_MhM9QjAxZ	LegalEntityvLEICredential	https://github.com/GLEIF-IT/vLEI-schema/blob/main/legal-entity-vLEI-credential.json
1.0.0	Edqjl80uP0r_SNSp-yImpLGglTEbOwgO77wsOPjyRVKy	OORAuthorizationvLEICredential	https://github.com/GLEIF-IT/vLEI-schema/blob/main/oor-authorization-vlei-credential.json
1.0.0	EIL-Rwno8cEnkGTi9cr7-PFg_IXTPx9fZ0r9snFFZ0nm	LegalEntityOfficialOrganizationalRolevLEICredential	https://github.com/GLEIF-IT/vLEI-schema/blob/main/legal-entity-official-organizational-role-vLEI-credential.json
1.0.0	ED_PcIn1wFDe0GB0W7Bk9I4Q_c9bQJZCM2w7Ex9Plsta	ECRAuthorizationvLEICredential	https://github.com/GLEIF-IT/vLEI-schema/blob/main/ecr-authorization-vlei-credential.json

Version	SAID	Type	URL
1.0.0	EohcE9MV90LrygJuYN1N0c5XXNFkzwFxUBfQ24v7qeEY	LegalEntityEngagementContextRolevLEICredential	https://github.com/GLEIF-IT/vLEI-schema/blob/main/legal-entity-engagement-context-role-vLEI-credential.json