Identity Assurance Framework
Accreditation & Certification

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Liberty Alliance Identity Assurance Expert Group
Liberty Alliance has developed and published an Identity Assurance Framework (IAF).

An IAF operational governance model for deployment needed to be created:
- Including standards for assessment of credential issuers and consumers
- Accreditation of assessors

An accreditation and certification model must co-exist with existing controls programs.
Accreditation Goals

Standards conformity
Certification by any authority has equivalence the four defined assurance levels

Broad adoption
Not specific to any business model
Not geographically aligned

Leverages existing control frameworks
Value Proposition

For Assessors
- Business opportunities in new digital identity realm
- Deepen relationship with existing clients

For Credential Issuers
- Reduces/Eliminates need for unique and “one-off” assessments by credential consumers
- Makes identity services more marketable

For Credential Consumers
- Creates a level playing field for an identity marketplace
- Reduces/eliminates need to assess issuers
Liberty Accreditation Model

Pre-requisites for recognition

- Must hold accreditation from national accreditation body (UKAS, AICPA/CICA, EA, ANAB/Int’l Accreditation Forum)
- Experience w/ ISO 27001 general controls review
- Experience w/ Web Trust, or similar specific controls review
- Familiarity w/ assessment provisions outlined in ISO 19011
- Completion of Liberty-sponsored IAF expertise online exam

Required Documentation

- Application for Accreditation
- Qualification Document

Annual re-accreditation
Assessor Accreditation Process

Submit application for accreditation designation to Liberty

Submit Qualification Document for review and approval by Liberty
   Qualifications/assessments vary by Assurance Level

Register designated expert resources for Liberty-sponsored, online IAF compliance exam

Successfully complete exam

Sign Liberty Trademark License Agreement

Annual re-accreditation
   Onsite assessment not required
Accreditation Process Flow

Accredited Assessor

1. Submits application with pre-requisite information to IAEG
2. Complete Qualification Doc.
3. Submit required documents to Liberty

IAEG

- Complete Application?
  - Yes: Approve Assessor App.
  - No: Direct Assessor to sample required documents
    - IAEG reviews materials
    - Fail: Apply Accredited Assessor designation
    - Pass: IAEG-accredited Assessors

Federation Operator

- Acknowledge IAEG-accredited Assessors
- Request certification assessments from only IAEG-accredited Assessors

Credential Service Provider
# Ongoing Participant Checklist

<table>
<thead>
<tr>
<th>Assessor</th>
<th>Liberty</th>
<th>CSP</th>
<th>FO</th>
<th>RP</th>
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<tbody>
<tr>
<td>• Application submission</td>
<td>• Support Application process</td>
<td>• Identify IAEG-accredited Assessors</td>
<td>• Acknowledge IAEG-accredited Assessors</td>
<td>• Establish acceptance policies with respect to IAEG-certified CSPs</td>
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<td>• Provide pre-requisite information</td>
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<td>• Request IAEG certification</td>
<td>• Request only CSP assessments by IAEG-accredited Assessors for IAEG certification</td>
<td>• Officially acknowledge Federations to which they subscribe</td>
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<td>• Identify IAEG-accredited Assessors</td>
<td>• Draft sample accreditation material</td>
<td>• Request IAEG certification</td>
<td>• Provide ongoing list of IAEG-certified CSPs to Liberty</td>
<td>• Sign Trademark License Agreement</td>
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<td>• Provide updated Assessor list</td>
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<td>• Publish and maintain Operating document</td>
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Implementation Roadmap

1. Industry Analysis
   - Analysis of existing accreditation programs
   - Research standards bodies’ existing programs

2. Process Design
   - Identify business model
   - Create process flow diagram
   - Identify roles and responsibilities
   - Write process checklist
   - Develop IAEG development checklist

3. Development
   - Write Assessor Application
   - Draft sample documents
   - Develop online exam
   - Draft Operating document
   - Draft TMLA
   - Create sub-committee

4. Validation
   - Publish process for review with feedback gathering
   - Stakeholder approval
   - Liberty Board approval
   - Plan for official launch
   - Identify initial candidate

5. Launch
   - Post application and sample docs on site
   - Press release
   - Analyst “road” show
   - Engage feedback process
   - Maintain currency of IAF and Accreditation program
   - First assessor accredited

Outside Consulting
Input from IA EG and SIG
Liberty Infrastructure
Questions?