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# Identity Assurance Framework: Assessor Qualifications & Requirements

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**Abstract**  
This document describes the ARB’s ‘Assessor Qualifications and Requirements’ (AQR) which must be met by applicants for Kantara-Accredited Assessor status. These AQR are to be applied in accordance with KIAF-1350 ‘Assessor Accreditation Handbook’ for the purposes of assessing and determining Credential Service Providers’ services for conformity against specific selections of available Kantara Service Assessment Criteria.

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## Contents

47		
48		
49	<b>1 INTRODUCTION</b>	<b>4</b>
50	<b>2 GLOSSARY</b>	<b>5</b>
51	<b>3 ASSESSOR QUALIFICATIONS &amp; REQUIREMENTS (AQR)</b>	<b>6</b>
52	3.1 General Introduction	6
53	3.2 Baseline Assessor Qualifications & Experience	6
54	3.2.1 Audit Organization (AO) Requirements	8
55	3.2.2 Auditor Qualification (AQ) Requirements	11
56	3.2.3 Audit Team (AT) Requirements	14
57	3.2.4 Audit Domain (AD) Requirements (i.e. « <i>specific domain &amp; technology</i> »)	15
58	3.3 Recognition of prior qualification	16
59	3.3.1 Assessor Qualifications & Experience matrix	16
60	3.3.2 Minimum Criteria	17
61	3.3.3 Validity	17
62	3.3.4 Waivers	17
63	3.3.5 Revisions to baseline AQE	17
64	3.4 Compliance Table	19
65		

## 66 **1 INTRODUCTION**

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67 In order to have conformity to the Kantara Initiative IAF Service Assessment Criteria assessed  
68 and determined by qualified and independent assessors, Kantara Initiative operates an  
69 Assurance Assessment Scheme (AAS) which describes the process by which Assessors,  
70 Service Approval Authorities (future work item), Service Providers, and Federation Operators  
71 can show themselves to be fit to be granted use of the Kantara Initiative Mark, for their  
72 specific services, all of which are orientated toward the provision and use of identity  
73 credentials at recognized Assurance Levels and across a wide spectrum of public, private, and  
74 individual sectors.

75 This document sets out the requirements which applicant assessors must fulfill in order to  
76 become Kantara-Accredited Assessors. These requirements will be used to validate  
77 applicants' suitability by the Assessment Review Board (ARB), according to the processes  
78 described in the Assurance Assessment Scheme.

### 79 **1.1 Changes in this revision**

80 The sole substantive change in this revision is the replacement of previous criteria AD.1 and  
81 AD.2 with a single criterion, AD.3. In addition, some editorial changes have been made to  
82 ensure understanding or to avoid ambiguity.

83

## 84 2 GLOSSARY

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85 The following terms are used specifically in this document, in addition to other terms from the  
86 IAF Glossary:

87 **Audit Organization** - an organization which undertakes audits or assessments of  
88 entities and their services to establish their conformity to or compliance with specific  
89 standards or other widely-recognized criteria. Specifically, in the context of the AAS,  
90 entities providing credentialing or identity management services which are claiming  
91 conformance to the IAF;

92 **(Accreditation) Applicant** - an **Audit Organization** applying to Kantara Initiative for  
93 accreditation under the ACS;

94 **(Kantara-Accredited) Assessor** – an **Applicant** which has satisfied the requirements  
95 of the AAS and to which accreditation has been granted;

96 **(Audit) Subject** - the organization submitting its nominated services to a **Kantara-**  
97 **accredited Assessor** for audit and certification. *(Note – this usage of ‘Subject’ is*  
98 *exclusive strictly to this document – readers should note that it has a different and very*  
99 *specific meaning in other contexts, including within Kantara Initiative, e.g. in the PKI*  
100 *and Identity Management domains, and is consequently defined otherwise in the IAF*  
101 *Glossary, for wider use).*

## 102 **3 Assessor Qualifications & Requirements (AQR)**

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### 103 **3.1 General Introduction**

104 Baseline Assessor Qualifications and Requirements (AQR) are those characteristics  
105 which the [IAF Assurance Assessment Scheme](#) document requires of its assessors,  
106 irrespective of whether they have prior recognition and qualification under any other  
107 scheme, framework, or process acknowledged by the ARB, or are seeking *ab initio*  
108 demonstration against the baseline characteristics.

### 109 **3.2 Baseline Assessor Qualifications & Experience**

110 The baseline characteristics selected for the Kantara Initiative Assurance Assessment  
111 Scheme (AAS) are derived from the following sources:

112	[AICPA_ATT]	AICPA
113		“Attestation Standards”, yyyy-mm-dd
114	[AICPA_AUD]	AICPA
115		“Auditing Standards”, yyyy-mm-dd
116	[AICPA_CPC]	AICPA
117		“Code of Professional Conduct”, 1997-10-28
118	[AICPA_CPE]	AICPA
119		“Continuing Professional Education”, Revised 2001-12-31
120	[AICPA_QCS]	AICPA
121		“Quality Control Standards”, 2009-01-01
122	[FPKI FSC PAG]	Federal PKI Policy Authority, SAFE-BioPharma Policy
123		Authority and CertiPath Policy Management Authority
124		“PKI Audit Guidelines”, Draft v0-7
125	[IAF]	Kantara Initiative Identity Assurance Framework
126	[IRCA802]	IRCA/802/08/1
127		“Criteria for Certification as an Information Security Auditor”,
128		2008-02
129	[IS 17021]	ISO/IEC 17021:2006
130		“Conformity assessment - Requirements for bodies providing
131		audit and certification of management systems”
132	[IS 19011]	ISO/IEC 19011:2002
133		“Guidelines on Quality and/or Environmental Management
134		Systems Auditing”
135	[IS 27006]	ISO/IEC 27006:2007
136		“Information technology – Security - Requirements for bodies
137		providing audit and certification of information security
138		management systems”

139 (NB – IS 27006 mirrors IS 17021 but, where deemed necessary,  
140 provides supplemental requirements explicitly for *information*  
141 *security* management systems)

142 [ISACA\_SGP] “ISACA IS Standards, Guidelines and Procedures for Auditing  
143 and Control Professionals”, 2008-10-15

144 [ISACA\_CISA] “ISACA Candidate’s Guide to the CISA Exam and Certification”,  
145 2007 (no more-specific date)

146 [PCIQSA] Payment Card Industry Security Standards Council  
147 “Validation Requirements for Qualified Security Assessors”  
148 Version 1.1, 2006-09

149 The AAS has drawn on these sources to identify useful attributes which represent the  
150 positive characteristics which Kantara Initiative requires of its accredited assessors,  
151 whether by virtue of their prior qualifications or by the provision of explicit evidence  
152 relating to specific requirements.

153 In order to be accredited by Kantara Initiative, Applicants must demonstrate that they  
154 possess all of these characteristics by fulfilling the following requirements. The  
155 following headings preface requirements which address:

- 156 1. The Audit Organization itself;
- 157 2. Individual Auditors;
- 158 3. The collective Audit Team;
- 159 4. Audit Domain-specific requirements.

160 Use of the above sources requires some qualification:

161 1. AICPA publications are generally directed at the accounting profession,  
162 rather than information security, and hence specific qualification of any  
163 clause having apparent relevance is required for the infosec domain. As a  
164 clear example of this, refer to [AICPA\_QCS] §10.45 as a very specific  
165 case where it identifies the possible need for an IT professional to be  
166 brought into the audit team to extend its capabilities, which in the case of  
167 the ACS requirements is their fundamental scope, and moreover  
168 specifically in the infosec domain. Because of this concern over  
169 applicability any AICPA member organization will have to show how  
170 their qualification relates to information security management.

171 2. IS 17021 is general in its requirements for bodies auditing and certifying  
172 management systems in general. For application to the specific interests  
173 of the AAS it must be supplemented by specific IT / information security  
174 management systems capabilities – these are, at the ISO level, provided in  
175 IS 27006 as requirements supplemental to those of IS 17021;

176 3. Whilst IS 19011 focuses on quality and/or environmental systems  
177 auditing, its provisions are largely general in their expression and  
178 therefore widely applicable, (see, e.g., IS 17021 §7,2.11), and even where  
179 its clauses are explicitly in a quality and/or environmental context, it is the  
180 intention that the standard can, in most instances, be readily interpreted in

181 (e.g.) an information (security) management system context. The  
182 requirements of IS 19011 are therefore seen to be significantly relevant to  
183 the AAS goals;

184 4. ISACA\_SGP has been assessed only against the Standards, not the  
185 Guidelines and Procedures, which underpin adherence to the Standards.  
186 This is justified on the basis that the Standards are the prevailing authority,  
187 in addition to which ISACA\_CISA ensures that knowledge in reasonable  
188 depth is determined.

189 It should be noted that the AAS neither strives nor claims to embody a rigorous  
190 inclusion of all parts of the above references nor to be a proven mapping or  
191 comparison between their respective requirements.

192 The following baseline requirements are to be considered as an holistic set, rather than  
193 being individual and separate. Each requirement should therefore be considered to  
194 apply in principal to all other requirement topics, e.g., where requirement AO.8  
195 expresses expectations for competencies, such competencies must be shown to  
196 address the implied needs of any other requirement area.

197 Note that the tags used for these requirements are deliberately distinct from the format  
198 used to define SACs, to avoid any possibility of confusion between them.

199 References to the IAF are included so as to demonstrate that the provisions of that  
200 version of the IAF have been taken into consideration when formulating the present  
201 requirements (the AAS document of the IAF applies here).

### 202 **3.2.1 Audit Organization (AO) Requirements**

203 Applicant organizations must:

#### 204 **AO.1 Established operational status**

205 1) Have a recognized legal status as an organization operating in compliance with all  
206 applicable requirements of the jurisdiction in which the organization is principally  
207 established and also in those jurisdictions in which it has a base(s) of operations.

208 **Guidance:** For reasons of confidence in the existence and durability of the Applicant, the  
209 organization has to be formally registered in some way as to there being no doubt that it is  
210 entitled to purvey its services and that it has an operational background which gives  
211 confidence that it has established practices and relevant experience, and all reasonable  
212 expectation that it will continue to operate for the medium-term future (at least three years).

213 Also of significance is that where the Applicant offers services in more than one  
214 jurisdiction (Country, State, Province, etc.) and has an established office in that jurisdiction  
215 (rather than providing a trans-border service) which it requires the Accreditation to cover,  
216 the same requirements apply to such additional jurisdiction.

217 Representative evidence would typically be verifiable copies of, or links to, licenses and/or  
218 business registrations, etc.



219 2) be in good standing with a level of liability protection set according to a risk-based  
220 determination, accounting for the scale of the organization and the jurisdictions in  
221 which operations are conducted.

222 **Guidance:** To provide protection for the Subject organizations which it will assess,  
223 liability protection is necessary. Potential liabilities may be covered by business insurance  
224 or other instruments, e.g. reserves. Representative evidence would be such policies or  
225 proof of secured (i.e. fire-walled from application for any other purposes) reserves.

226 3) have effective documented management and approval structures.

227 **Guidance:** Possession and demonstrated application of a documented management  
228 structure with clear ownership and approval responsibilities is the most effective way to  
229 assess whether the organization is set up to manage and perform assessments in the way  
230 required (e.g. with integrity and independence) by other criteria in this set. Representative  
231 evidence would therefore be the defined processes and records of their implementation.

## 232 **AO.2 Independence & impartiality**

233 1) Produce a documented commitment to maintaining its impartiality and independence  
234 from any of the potential providers of services within the Kantara Initiative community,  
235 and with other CSPs in other Federations with which Kantara Initiative may have  
236 established agreements of any kind.

237 **Guidance:** The primary requirement is to show the senior management's commitment to  
238 allowing no ownership, shareholding, or conflicting contractual or like bindings between the  
239 Applicant and those whom it may assess, or with those parties which may have an interest  
240 in the outcome of any assessment, e.g. competitors of the Subject. A formal declaration is  
241 at the least a basis for addressing any lack of independence should it arise, although the  
242 ARB may seek further assurances where any potential conflicts of interest are known to  
243 them, in fact or as possibilities. Note that this requirement focuses on specific parties with  
244 which the Kantara Initiative community has relationships and because of this specific focus  
245 would generally be provided as a specific statement in support of the application.  
246 Representative evidence would be a published statement.

247 2) acts at all times so as to preserve its impartiality.

248 **Guidance:** Whilst a declaration of impartiality is an important public statement, the  
249 practices to effect that impartiality must exist and be implemented. This requirement is that  
250 such practices be in place and continuously exercised. Potential threats to impartiality relate  
251 to organizational conflicts as well as those arising from other services which may have been  
252 offered to the Subject or personal interests or participation of individuals. Representative  
253 evidence would be records of instances where the Applicant has had to exhibit its  
254 impartiality (potentially in addressing a complaint or appeal, e.g.).

255 3) produce documented practices to review threats to impartiality in any assignment, at all  
256 stages of its conduct.

257 **Guidance:** Ensure that the Applicant undertakes an assessment of the risks, with regard to  
258 its impartiality undertakings, involved with each assessment it is engaged to perform, and  
259 that there is a review of that risk over the duration of the assignment. As a minimum, an

260 initial assessment and one immediately prior to issuing a report would be expected, although  
261 others may be included where the assignment is extended or there are other obvious reasons  
262 to do so, such as a change of ownership or significant re-organization (of either party).  
263 ‘Practices’ include documented record of the application of such practice, and the ARB may  
264 require evidence to be provided, as it may for any criterion. This requirement essentially  
265 underpins sub-requirement (3) of this clause. Representative evidence would be the  
266 required documentation.

### 267 **AO.3 Management responsibility & liability**

268 1) show management commitment to adherence to best governance practices supported by  
269 having documented policies and procedures which ensure adherence to professional  
270 standards and practices and in particular to the auditing standards and processes under  
271 which it operates.

272 **Guidance:** Notwithstanding the clear need for the practitioners actually undertaking the  
273 assessments to have requisite skills (addressed in subsequent requirements) it is important  
274 that the Applicant organization actually demonstrates that it is set up for and capable of  
275 employing best management practices as required. Representative evidence would therefore  
276 be identification as to how the Applicant’s practices fulfill this requirement and identify the  
277 audit and technical standards and/or other references on which its operations are based.

### 278 **AO.4 Openness / Defined audit process**

279 1) faithfully document and publish the audit process(es) it applies, describing the technical  
280 procedures, accounting for principles such as impartiality, objectivity and  
281 confidentiality, any applicable reference standards, and its contractual arrangements  
282 with its clients.

283 **Guidance:** Kantara Initiative seeks a consistency in the application of assessments leading  
284 to certification of Kantara-recognized Service Providers and therefore requires that Kantara-  
285 Accredited Assessors have in place a documented and well-defined process for engaging  
286 with clients and performing their assessments which can be repeated and in an ideal world  
287 would yield consistent results for the same Subject service. Representative evidence would  
288 be the documentation defining the process and records of its implementation.

### 289 **AO.5 Confidentiality**

290 1) have in place procedures which ensure that proprietary information relating to clients is  
291 securely stored and controlled in all aspects of its use.

292 **Guidance:** Many Subjects will be vying for business from Kantara Initiative members and  
293 other participants in the wider community, and as a result assessors will potentially be  
294 exposed to proprietary information relating to one or more of another service provider’s  
295 competitors. As representative evidence, Applicants must show that they have in place  
296 procedures which will safeguard their clients’ confidentiality in all respects.

### 297 **AO.6 Responsiveness to complaints**

298 1) Have a means by which clients may lodge appeals or complaints concerning their  
299 practices and determinations and have a documented process for objectively addressing  
300 those complaints.

301 **Guidance:** The Applicant should have the means to receive, process, and respond fairly to  
302 any complaints or appeals arising from the conduct of its assessment services, since an  
303 objective audit process may be a cause for contention where findings are concerned.  
304 Having in place the means to address and resolve any such issues contributes to the overall  
305 assurance from the accreditation process. Representative evidence would be the  
306 documented process and samples of its implementation where there are any.

### 307 **AO.7 Resources**

308 1) Have qualified and competent audit personnel to manage the organization and to  
309 perform the audits.

310 **Guidance:** Provision of documentary evidence of the organization's conformity to  
311 preceding criteria is not, of itself, sufficient – the AAS also requires that the Applicant  
312 shows that it has personnel with the requisite competencies and qualifications necessary to  
313 effectively apply the organization's policies, procedures, etc. A register of roles, related job  
314 descriptions, and current employee names for the positions having specific relevance would  
315 fulfill this requirement.

316 2) have documented processes to ensure that audit and support personnel have and  
317 maintain the competencies necessary to fulfill their duties according to the systems  
318 being assessed, their complexity and their geographic location(s).

319 **Guidance:** Provision of documentary evidence of the organization's conformity to  
320 preceding criteria is not, of itself, sufficient – Kantara Initiative also requires that the  
321 Applicant shows that it has personnel with the requisite competencies and qualifications  
322 necessary to effectively apply the organization's policies, procedures, etc. A register of  
323 roles, related job descriptions, and current employee names for the positions having specific  
324 relevance would fulfill this requirement.

### 325 **AO.8 Technical competence**

326 1) have an operating record of a minimum accumulation of three person months of  
327 provision of audit services over an elapsed period of 12 months OR, if unable to fulfill  
328 that requirement, having staff who can demonstrate these minima in their professional  
329 experience immediately prior to establishing/joining the Applicant organization.

330 **Guidance:** Apart from having appropriate competencies, actual experience in their  
331 application is required to be shown. This is intended to ensure that the Applicant,  
332 organizationally, is active in the auditing arena. Provision is made to 'grandfather'  
333 experience from specific staff members when they are able to demonstrate their currency  
334 and are assuming an active role within an organization which might otherwise not meet the  
335 AAS requirement. Representative evidence would be illustration of past assignments, in  
336 terms of scope, date, and resources applied, including which specific personnel participated.

### 337 **3.2.2 Auditor Qualification (AQ) Requirements**

338 Although the AAS does not accredit individuals, the organization must commit to ensuring that  
339 the assessors it uses fulfill the following requirements and that it has in place the means to  
340 ensure that these requirements are fulfilled. Applicant organizations must ensure that their  
341 individual Auditors:

342 **AQ.1 Personal attributes**

- 343 1) exhibit ethical standards by performing audits in an honest, fair, objective, and discreet  
344 manner and with due diligence and professional care, with neither record of  
345 professional mal-practice nor of criminal conviction such as to bring into doubt their  
346 ability to so perform the audit.

347 **Guidance:** Ethical standing is required of all personnel involved in the oversight,  
348 management, performance, review, and granting of certification relating to any audit  
349 process. Ethics require the auditor to be fair, truthful, and honest in their dealings with the  
350 audit client, in their assessment of only factual matters, and in their overall performance of  
351 the audit. This requires strict adherence to professional and technical standards as well as  
352 having a balanced personal nature. Whilst some infractions of the law might be identified  
353 they may equally be considered to be inconsequential in the context of the performance of  
354 the required assessments. On the other hand, convictions such as fraud, embezzlement,  
355 other acts of moral turpitude, bankruptcy, would be serious concerns, in the event of which  
356 judgment would have to be made as to the risk that may be presented to the good standing  
357 of the AAS as a whole should the Applicant be granted Accreditation. On-going  
358 investigations or existing allegations may also require careful consideration by the ARB.  
359 Factors in such determinations might be the role of any affected individuals within the  
360 Applicant organization. The greater the authority and influence of anyone having any  
361 unfavorable record should be balanced against the severity and nature of their (possibly  
362 alleged) offense when deciding whether to recognize them or not. Required evidence could  
363 be an employee-screening process operated by the organization, records of application of  
364 that process including background checks, questionnaires, etc.

365 Note that this requirement does not assess experience and knowledge in the specific auditing  
366 field – see AQ.3.

367 **AQ.2 Technical competence**

- 368 1) Have and maintain the requisite knowledge, training, and experience of applicable  
369 generic audit standards and those specifically addressing information security  
370 governance and management, risk assessment, information technology, and related  
371 security controls.

372 **Guidance:** In addition to overall technical competence across the organization, individual  
373 technical competence must be shown for individual auditors. Required evidence would be  
374 identification of the specific training undertaken, of standards and other references about  
375 which the individuals have knowledge, and of particular techniques applied.

- 376 2) have the requisite knowledge and experience of applicable laws, regulations and other  
377 such requirements.

378 **Guidance:** A comprehensive assessment must investigate the regulatory aspects of the  
379 subject and hence, in addition to technical skills, assessors must have knowledge of  
380 applicable legislation, etc. Required evidence would be identification of such laws, etc., and  
381 where the assessor purveys their work in more than one jurisdiction, indication of the  
382 differing requirements across jurisdictions.

383 **AQ.3 Subject Matter-specific competence**

- 384 1) Be knowledgeable about, trained, and current in the specific management, operational,  
385 and technical aspects of the «*specific domain & technology*» in which the audit is  
386 performed (see note below), including accepted practices, and applicable standards and  
387 specifications.

388 **Note:** For the purposes of being deemed qualified to perform assessments of CSPs claiming  
389 conformity to the Kantara Initiative IAF Service Assessment Criteria, the requirements for  
390 «*specific domain & technology*» shall be fulfilled by conformity to the requirements set  
391 forth herein under group ‘AD’.

392 Where other organizations and federations wish to use Kantara-accredited assessor  
393 organizations for assessments performed in their own «*specific domain & technology*» (e.g.  
394 PCI DSS, Federal PKI, ...) they should state their own criteria to be used in lieu of (or in  
395 addition to, according to their chosen scoping) those in group ‘AD’ herein when fulfilling  
396 this AAS requirement and take their own measures to determine the Applicant’s conformity  
397 to those specific needs.

398 **Guidance:** Subject-specific knowledge and experience is required to enable the effective  
399 application of the generic audit competencies to the specific subject area. Since the Kantara  
400 Initiative Assurance Assessment Scheme is, but for this particular requirement, generic and  
401 agnostic in its choice of baseline characteristics such that it can be adopted for other uses or  
402 assessors accredited against it can be used in other domains where the only additional  
403 requirement is the domain-specific knowledge, this present requirement can be either  
404 substituted for by an alternative domain’s set of specific requirements or extended with  
405 other such requirements where the two specific areas are both necessary.

406 **AQ.4 Education / Professional qualification/certification**

- 407 1) Have received at least a secondary education (and would preferably hold a bachelor’s  
408 degree in any subject) plus any one (at least) of the following professional technical  
409 IT/information security management qualifications, which must be current: CGEIT,  
410 CISA, CISSP, CISM, CITP, IRCA for ISMS/ITSM, PCI QSA, or equivalent  
411 qualification or experience.

412 **Guidance:** Current professional qualifications are the more important part of this  
413 requirement, underpinning the basic training qualifications – although a secondary  
414 education is the minimum acceptable, a bachelor’s degree is the preferred baseline  
415 educational experience and those without it may have to show stronger work experience to  
416 be acceptable. Holding one of these professional qualifications gives confidence in the  
417 underlying knowledge of the assessor, which may be broader than some specific experience  
418 has allowed. Required evidence would typically be certified copies of award of  
419 qualification or a URL to a professional body’s registry, which can be authenticated.

420 **AQ.5 Impartiality & Professional Competence**

- 421 1) Have no connection to the client, the material subject to the audit, or any relevant  
422 parties other than in their professional auditing capacity, nor be of a disposition  
423 vulnerable to coercion.

424 **Guidance:** Although preceding requirements require independence and impartiality on the  
425 part of the organization, its audit staff must also exhibit these qualities and be qualified to  
426 perform the audit. Past professional experience and assignments will be one way to make  
427 an assessment of their impartiality, e.g. ensuring that the auditee organization was not a  
428 previous employer of the auditor, or the auditor a previous employer of any of the auditee's  
429 staff, or that the auditor had not previously given consultancy to the auditee organization,  
430 preferably in any form whatsoever, or otherwise demonstrably in a manner which could not  
431 have any relationship to the material which the audit will address. Inter-personal  
432 relationships might also color judgment but will be harder to identify without the  
433 cooperation of the auditor. Even harder to assess, unless there is a pattern of auditee's  
434 complaints about the fairness of an auditor, is the intellectual objectivity, truthfulness, and  
435 impartiality which are the scope of professional competence in this context.

436 Forms of evidence could be the individual auditor's assertions or the applicant  
437 organization's processes and records for reviewing previous employment or customer  
438 complaints.

#### 439 **AQ.6 Experience**

- 440 1) Have participated for a minimum of 20 days of audit services, of which 10 days must  
441 have been on-site, over an elapsed period of 36 months.

442 **Guidance:** This requirement accommodates 'desk auditing', i.e. review of documents from  
443 the auditor's own offices, but also requires on-site auditing experience, since this is the most  
444 demanding, challenging, and also effective experience. Verifiable personal or  
445 organizational records of assignments undertaken would generally satisfy this need.

### 446 **3.2.3 Audit Team (AT) Requirements**

447 Auditor Teams must:

#### 448 **AT.1 Collective skills**

- 449 1) Consist of audit professionals who collectively have the necessary skills and experience  
450 to assess the policies, procedures, and practices of the subject in all general and specific  
451 respects; a single auditor is acceptable but must meet the requirements for Lead Auditor  
452 (below).

453 **Guidance:** Although an audit team may actually be a single person, the nature of the audit  
454 subject may require a range of differing expertise which can only be effectively fulfilled by  
455 a team of complementary individuals. A process for determining the skill requirements for  
456 any particular audit and selecting suitably skilled audit staff, supported where required by  
457 evidence of past assignments and the selected team's skills would typically be the form of  
458 required evidence.

#### 459 **AT.2 Leader Auditor's skills**

- 460 1) be led by an individual who has participated as a Team Leader (including supervised in  
461 that capacity) for a minimum of 15 days of audit services, of which 10 days must have  
462 been on-site, over an elapsed period of 24 months.



463 **Guidance:** This simply requires that the Lead Auditor has either received training in this  
464 role or has performed it as a qualified Leader within a reasonable period of time and at a  
465 reasonable level of effort. Staff records should be the most practical form of evidence to  
466 support conformity to this requirement.

467 2) be led by an individual who has knowledge of all areas which are addressed by the  
468 audit, although other team members may have specialist roles.

469 **Guidance:** The selected Lead Auditor's curriculum vitae, or similar evidence of past  
470 experience and training, should demonstrate that they have the requisite skills, at least at a  
471 level where, supported by specialist advice, they can make informed and balanced decisions.

472 3) be capable of planning an audit with such a scope.

473 **Guidance:** The Applicant is expected to demonstrate by past performance, available  
474 resource, and tactical capability that they are able to plan and execute an audit of the form  
475 required to satisfy Kantara Initiative expectations. Record of past performance would be an  
476 obvious way to evidence conformity to this requirement.

### 477 **AT.3 Use of SMEs**

478 1) Where necessary, only use Subject Matter Experts which exhibit the same degree of  
479 impartiality and competence in their specific field as do the auditors in theirs. SMEs  
480 may advise the Lead Auditor but may not dictate findings, recommendations, or  
481 remedial actions.

482 **Guidance:** SMEs may be either internal or external, although in the latter case the ARB  
483 would expect to see that the organization had in place the means to ensure that the SME,  
484 organizationally and individually, would not impinge upon the applicant organization's  
485 ability (once accredited) to fulfill the AAS requirements. Evidence of a process for  
486 validating and selecting SMEs, possibly supported by records of the application of that  
487 process, would be appropriate evidence.

### 488 **3.2.4 Audit Domain (AD) Requirements (i.e. «specific domain & 489 technology»)**

490 Auditors assessing Subjects which are Credential Service Providers must describe their  
491 relevant sector knowledge and experience sufficient to convince the ARB that it should  
492 recommend the Applicant for Accreditation:

#### 493 **AD.1 Withdrawn**

#### 494 **AD.2 Withdrawn**

#### 495 **AD.3 Capability in the information security audit domain**

496 Describe your (own or organization's) involvement in the following fields and areas of expertise, citing  
497 the year of commencing practice in the field, any notable achievements, some metrics to show active  
498 participation, and any other factors which you believe will demonstrate your track record in the  
499 information security audit domain and hence eligibility for Accreditation as a Kantara Assessor:

500 1) Information/Cyber Security;

- 501 2) Information/Cyber Security Management;  
502 3) Identity/Credential Management;  
503 4) Privacy Management;  
504 5) Relevant technologies;  
505 6) Standardization participation;  
506 7) Audit/assessment practices;  
507 8) Any other fields where you believe you have directly relevant experience (explain).

508 As applicable, describe your knowledge, skills, and experiences in regard to the above list of  
509 information security domain facets, to include the applicable Kantara Classes of Approval for which  
510 you believe these skills and experiences establish your competence.

511 **Guidance:** This criterion is intended to give the ARB’s reviewers a broad understanding of the  
512 Applicant’s experience and skills. No explicit recency requirements are stated in this criterion,  
513 since these are sought where appropriate in the following criteria.

### 514 **3.3 Recognition of prior qualification**

515 The AAS is based upon the principle that it shall impose the minimum additional effort upon  
516 Applicants, and Kantara Initiative itself, commensurate with sufficient confidence being  
517 established in the Applicants’ conformity to all of the requirements known collectively as the  
518 ‘baseline characteristics’. Through the ‘grandfathering’ principle maximum recognition is  
519 given to Applicants who can demonstrate their qualification against certain recognized industry  
520 references, these being those cited in §3.2.

521 By their very nature, these references provide ‘credit’ against different groups of the AAS  
522 requirements, and Applicants may use collective credits from multiple prior qualifications.

523 The ARB will, where the published credit allowed is ‘qualified’ or ‘none’, allow credit where  
524 the Applicant can demonstrate that specific AAS requirements were in fact addressed by the  
525 particular prior qualification they are presenting. This recognizes that the determination made  
526 in this document is based upon a generic interpretation of the applicable reference, rather than  
527 a specific instance of it.

528 The continued validity of the credit granted to Applicants with certified (or otherwise proven)  
529 conformity to the requirements of each reference shall be reviewed and revised accordingly  
530 whenever the relevant reference source is revised.

#### 531 **3.3.1 Assessor Qualifications & Experience (AQE) matrix**

532 The AQE matrix in Table 1 provides a color-coded quick-look reference for each of the  
533 recognized sources of pre-qualification which will allow Applicants with multiple forms of  
534 pre-qualification, and the ARB, to determine the AAS requirements where the Applicant must  
535 provide specific evidential inputs rather than have their conformity ‘grandfathered’ on account  
536 of credit given for their pre-qualification status.

537 Where there may be two or more clauses from the same reference source applicable for any  
538 given AAS requirement which do not have the same ‘credit’ determination the least favorable  
539 determination is given (things can only get better from thereon). Such instances are marked ‘†’  
540 in the matrix (e.g. ‘Qualified †’).



541 **3.3.2 Minimum Criteria**

542 These criteria establish minima: Applicants who seek credit on the basis of prior qualification  
543 under other schemes acceptable to Kantara Initiative shall be expected to be in full compliance  
544 with the most demanding of the combined criteria, at all times during which they seek the  
545 benefit of any prior qualification(s).

546 **3.3.3 Validity**

547 Where an Applicant's accreditation is based on prior qualification the accreditation will lapse  
548 six months after the first-occurring expiration date of any claimed prior qualifications, at any  
549 given point during the first two-and-a-half years of the three year accreditation validity.  
550 Kantara Initiative considers that a six-month window offers the Applicant sufficient latitude in  
551 renewing the applicable qualification(s) or offering supplemental evidence of conformity  
552 should they choose to no longer rely upon that prior qualification for the applicable AAS  
553 requirements.

554 **3.3.4 Waivers**

555 Applicants with reasonable grounds for doing so may request that a waiver be granted where  
556 the AAS requirements are not strictly met but the Applicant requests a 'conformity exception –  
557 CE' and offers sufficient evidence to convince the ARB that their specific qualifications or  
558 evidence are equally acceptable. For example, special experience may have been acquired and  
559 used to gain a professional qualification in lieu of conventional requirements, in which case,  
560 assuming that the qualification was one recognized by the ARB, the same argument would  
561 most likely be accepted as fulfillment of the AAS' requirement for relevant experience.

562 Kantara Initiative reserves the right, at the sole determination of the ARB, to decline requests  
563 for waivers, grant waivers on a one-off basis and for whatever time period it deems fit, or to  
564 undertake revision of the AAS requirements to include the circumstances of the request as a  
565 permanent part of the AAS (see below).

566 **3.3.5 Revisions to baseline AQE**

567 Kantara Initiative reserves the right, subject to due notice and consultation, to revise these  
568 criteria as it sees fit, including the addition of requirements in response to any CE requests  
569 which suggest that such evidence is justifiable and likely to be sufficiently commonplace or  
570 valuable to the overall accreditation process to deserve recognition through revision to  
571 requirement.