

**Sovereign State:** A state or country that administers its own government, and is not dependent upon, or subject to, another power.

**Subject:** The natural person, device, system, unit, or Legal Entity identified in a Certificate as the Subject. The Subject is either the Subscriber or a device under the control and operation of the Subscriber.

**Subject Identity Information:** Information that identifies the Certificate Subject. Subject Identity Information does not include [dnQualifier attributes in Distinguished Names, commonName attributes in Distinguished Names, dNSName Subject Alternative Names, iPAddress Subject Alternative Names, or SRVName Subject Alternative Names, a domain name listed in the subjectAltName extension or the Subject commonName field.](#)

**Subordinate CA:** A Certification Authority whose Certificate is signed by the Root CA, or another Subordinate CA.

**Subscriber:** A natural person or Legal Entity to whom a Certificate is issued and who is legally bound by a Subscriber Agreement or Terms of Use.

**Subscriber Agreement:** An agreement between the CA and the Applicant/Subscriber that specifies the rights and responsibilities of the parties.

**Subsidiary Company:** A company that is controlled by a Parent Company.

**Technically Constrained Subordinate CA Certificate:** A Subordinate CA certificate which uses a combination of Extended Key Usage settings and Name Constraint settings to limit the scope within which the Subordinate CA Certificate may issue Subscriber or additional Subordinate CA Certificates.

**Terms of Use:** Provisions regarding the safekeeping and acceptable uses of a Certificate issued in accordance with these Requirements when the Applicant/Subscriber is an Affiliate of the CA or is the CA.

**Test Certificate:** A Certificate with a maximum validity period of 30 days and which: (i) includes a critical extension with the specified Test Certificate CABF OID, or (ii) is issued under a CA where there are no certificate paths/chains to a root certificate subject to these Requirements.

**Trustworthy System:** Computer hardware, software, and procedures that are: reasonably secure from intrusion and misuse; provide a reasonable level of availability, reliability, and correct operation; are reasonably suited to performing their intended functions; and enforce the applicable security policy.

**Unregistered Domain Name:** A Domain Name that is not a Registered Domain Name.

**Valid Certificate:** A Certificate that passes the validation procedure specified in RFC 5280.

**Validation Specialists:** Someone who performs the information verification duties specified by these Requirements.

**Validity Period:** The period of time measured from the date when the Certificate is issued until the Expiry Date.

**Wildcard Certificate:** A Certificate containing an asterisk (\*) in the left-most position of any of the Subject Fully-Qualified Domain Names contained in the Certificate.

## 1.6.2. Acronyms

AICPA            American Institute of Certified Public Accountants

subjectAlternativeName extension or Subject commonName field contains a Reserved IP Address or Internal Name.

**7.1.4.2.2. Subject Distinguished Name Fields**

- a. **Certificate Field:** subject:commonName (OID 2.5.4.3)  
**Required/Optional:** Deprecated (Discouraged, but not prohibited)  
**Contents:** If present, this field MUST contain a single IP address or Fully-Qualified Domain Name that is one of the values contained in the Certificate's subjectAltName extension (see Section 7.1.4.2.1).
- b. **Certificate Field:** subject:organizationName (OID 2.5.4.10)  
**Optional.**  
**Contents:** If present, the subject:organizationName field MUST contain either the Subject's name or DBA as verified under Section 3.2.2.2. The CA may include information in this field that differs slightly from the verified name, such as common variations or abbreviations, provided that the CA documents the difference and any abbreviations used are locally accepted abbreviations; e.g., if the official record shows "Company Name Incorporated", the CA MAY use "Company Name Inc." or "Company Name". Because Subject name attributes for individuals (e.g. givenName (2.5.4.42) and surname (2.5.4.4)) are not broadly supported by application software, the CA MAY use the subject:organizationName field to convey a natural person Subject's name or DBA.
- c. **Certificate Field:** subject:givenName (2.5.4.42) and subject:surname (2.5.4.4)  
**Optional.**  
**Contents:** If present, the subject:givenName field and subject:surname field MUST contain an natural person Subject's name as verified under Section 3.2.3. A Certificate containing a subject:givenName field or subject:surname field MUST contain the (2.23.140.1.2.3) Certificate Policy OID.
- d. **Certificate Field:** Number and street: subject:streetAddress (OID: 2.5.4.9)  
**Optional** if the subject:organizationName field, , subject: givenName field, or subject:surname field are present.  
**Prohibited** if the subject:organizationName field, subject:givenName, and subject:surname field are absent.  
**Contents:** If present, the subject:streetAddress field MUST contain the Subject's street address information as verified under Section 3.2.2.1.
- e. **Certificate Field:** subject:localityName (OID: 2.5.4.7)  
**Required** if the subject:organizationName field, subject:givenName field, or subject:surname field are present and the subject:stateOrProvinceName field is absent.  
**Optional** if the subject:stateOrProvinceName field and the subject:organizationName field, subject:givenName field, or subject:surname field are present.  
**Prohibited** if the subject:organizationName field, subject:givenName, and subject:surname field are absent.  
**Contents:** If present, the subject:localityName field MUST contain the Subject's locality information as verified under Section 3.2.2.1. If the subject:countryName field specifies the ISO 3166-1 user-assigned code of XX in accordance with Section 7.1.4.2.2(g), the localityName field MAY contain the Subject's locality and/or state or province information as verified under Section 3.2.2.1.
- f. **Certificate Field:** subject:stateOrProvinceName (OID: 2.5.4.8)  
**Required** if the subject:organizationName field, subject:givenName field, or subject:surname field are present and subject:localityName field is absent.  
**Optional** if the subject:localityName field and the subject:organizationName field, and subject:givenName field , or subject:surname field are present.

**Prohibited** if the subject:organizationName field, subject:givenName field , or subject:surname field are absent.

**Contents:** If present, the subject:stateOrProvinceName field MUST contain the Subject's state or province information as verified under Section 3.2.2.1. If the subject:countryName field specifies the ISO 3166-1 user-assigned code of XX in accordance with Section 7.1.4.2.2(g), the subject:stateOrProvinceName field MAY contain the full name of the Subject's country information as verified under Section 3.2.2.1.

**g. Certificate Field:** subject:postalCode (OID: 2.5.4.17)

**Optional** if the subject:organizationName, subject:givenName field, or subject:surname fields are present.

**Prohibited** if the subject:organizationName field, subject:givenName field, or subject:surname field are absent.

**Contents:** If present, the subject:postalCode field MUST contain the Subject's zip or postal information as verified under Section 3.2.2.1.

**h. Certificate Field:** subject:countryName (OID: 2.5.4.6 )

**Required** if the subject:organizationName field, subject:givenName, or subject:surname field are present.

**Optional** if the subject:organizationName field, subject:givenName field, and subject:surname field are absent.

**Contents:** If the subject:organizationName field is present, the subject:countryName MUST contain the two-letter ISO 3166-1 country code associated with the location of the Subject verified under Section 3.2.2.1. If the subject:organizationName field is absent, the subject:countryName field MAY contain the two-letter ISO 3166-1 country code associated with the Subject as verified in accordance with Section 3.2.2.3. If a Country is not represented by an official ISO 3166-1 country code, the CA MAY specify the ISO 3166-1 user-assigned code of XX indicating that an official ISO 3166-1 alpha-2 code has not been assigned.

**i. Certificate Field:** subject:organizationalUnitName

**Optional.**

The CA SHALL implement a process that prevents an OU attribute from including a name, DBA, tradename, trademark, address, location, or other text that refers to a specific natural person or Legal Entity unless the CA has verified this information in accordance with Section 3.2 and the Certificate also contains subject:organizationName, , subject:givenName, subject:surname, subject:localityName, and subject:countryName attributes, also verified in accordance with Section 3.2.2.1.

**j. Certificate Field: subject:dnQualifier**

Optional.

Contents: This field is intended to be used when several certificates with the same subject can be partitioned into sets of related certificates. Each related certificate set MAY have the same dnQualifier. The CA may include a dnQualifier attribute with a zero length value to explicitly indicate that the CA makes no assertion about relationship with other certificates with the same subject. The CA MAY set the dnQualifier value to the base64 encoding of the SHA1 hash of the subjectAlternativeName extnValue if it wishes to indicate grouping of certificates by alternative name set.

**j-k. Other Subject Attributes**

All other optional attributes, when present within the subject field, MUST contain information that has been verified by the CA. Optional attributes MUST NOT contain metadata such as ':', '-', and ' ' (i.e. space) characters, and/or any other indication that the value is absent, incomplete, or not applicable.