

Instructions on the correct use of the attributes in the "Subject Distinguished Name" in E-Mail ID Gold Certificates

When creating a Certificate Signing Request (CSR) or the CMC parameters (or when entering the parameters in the GUI), the attributes or fields in the Subject Distinguished Name (SDN) must be filled in correctly to comply with regulatory requirements (and to prevent the request from being rejected by the CA system).

E-Mail ID Gold certificates are issued to a person who is a representative of an organization (typically an employee). The relevant attributes for identification in the SDN are: "Common Name" (CN), "emailAddress" (E), "Organization" (O), "StateOrProvince" (ST) and "Country" (C).

The following basic rules must be followed:

Attribute / Field	Permitted content / Explanation	Cardinality
Common Name	Either name of the certificate holder (natural person, according to official identification) Or pseudonym indicated by prefix "pseudo:"	Must
emailAddress	Email address	Depending on partner application or GUI input included or not ¹
Organization	Exact name of the organization according to register entry. (Exception: In case of an overlong name an abbreviation according to agreement must be included.)	Must
StateOrProvince	State, province etc. according to ISO 3166-2 (no entry possible in small states such as Liechtenstein) See e.g. https://www.iso.org/obp/ui/#iso:code:3166:DE For German «Bundesländer».	Optional (if existing)
Country	Alpha-2 country code according to ISO 3166-1, e.g. «DE» oder «CH»	Must

Other attributes, such as "Organizational Unit" (OU) for departments should be omitted.

The correct handling of the CMC interface is described in the document "[Technical Specification CMC Interface](#)".

¹ Regardless of the emailAddress attribute in the SDN, the email address must always be included in the "Subject Alternative Name" (SAN) extension of an email certificate.