

# saml-mdui-contactperson

Contact information is expressed in series of `<md:ContactPerson>` elements in SAML metadata. Note these rules when working with metadata registered in the InCommon Federation:

- Each `<md:EntityDescriptor>` element SHOULD contain at least four contacts. Each contact is expressed using the `<md:ContactPerson>` element. Each should have XML attributes `contactType="support"`, `contactType="technical"`, and `contactType="administrative"`, plus a fourth `<md:ContactPerson>` element with XML attribute `contactType="other"` respectively. The element with the `contactType="other"` is the Security Contact. It carries an extra XML attribute indicating the contact is a security contact. See example below.
- An entity MUST declare a technical contact (`contactType="technical"`).
- An entity MUST declare an administrative contact (`contactType="administrative"`).
- An entity MUST declare a security contact (`contactType="other"`; with an extended REFEDS metadata attribute of `contactType="http://refeds.org/metadata/contactType/security"`.)
- Each `<md:ContactPerson>` element MUST contain at least one `<md:EmailAddress>` element.
- If a contact is a non-person (such as a mailing list), the `<md:GivenName>` element MAY contain a title or label, and the `<md:SurName>` element SHOULD be omitted.
- If a contact is a real person, the `<md:GivenName>` and `<md:SurName>` elements SHOULD reflect the person's real name.

```
<md:ContactPerson contactType="technical"
  xmlns:md="urn:oasis:names:tc:SAML:2.0:metadata">
  <md:GivenName>Technical Support Team</md:GivenName>
  <md:EmailAddress>mailto:tech_support@example.org</md:EmailAddress>
</md:ContactPerson>
<md:ContactPerson contactType="administrative"
  xmlns:md="urn:oasis:names:tc:SAML:2.0:metadata">
  <md:GivenName>Office of Administrative Support</md:GivenName>
  <md:EmailAddress>mailto:admin_support@example.org</md:EmailAddress>
</md:ContactPerson>
<md:ContactPerson contactType="support"
  xmlns:md="urn:oasis:names:tc:SAML:2.0:metadata">
  <md:GivenName>Help Desk</md:GivenName>
  <md:EmailAddress>mailto:help_desk@example.org</md:EmailAddress>
</md:ContactPerson>
<!-- security contact with REFEDS syntax -->
<md:ContactPerson contactType="other"
  xmlns:md="urn:oasis:names:tc:SAML:2.0:metadata"
  xmlns:remd="http://refeds.org/metadata"
  remd:contactType="http://refeds.org/metadata/contactType/security">
  <md:GivenName>IT Security Office</md:GivenName>
  <md:EmailAddress>mailto:security@example.org</md:EmailAddress>
</md:ContactPerson>
```

See [Contacts information](#) for information on how ContactPerson is used in InCommon metadata.

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