

Required Root Information

Core OSCAL requires some content to be present all OSCAL artifacts. This is critical to consistent processing.

Root Element and Root-Level Universally Unique Identifier

The root element must be one of the case-sensitive OSCAL model names:

- `catalog`
- `profile`
- `mapping-collection` (OSCAL version $\geq 1.2.0$)
- `component-definition`
- `system-security-plan`
- `plan-of-action-and-milestones`
- `assessment-plan`
- `assessment-results`

It must be immediately followed by root-level (document-level) UUID.

In JSON and YAML, the UUID is a child of the root element. In XML it is an attribute of the root element.

Additional XML Requirement

OSCAL XML artifacts must include an XML declaration above the root element, and XML namespace declaration as an attribute of the root element.

XML Example

```
<?xml version="1.0" encoding="UTF-8"?>
<system-security-plan
  xmlns="http://csrc.nist.gov/ns/oscal/1.0"
  uuid="11111111-2222-4000-8000-000000000000">
</catalog>
```

JSON Example

```
{
  "system-security-plan": {
    "uuid": "11111111-2222-4000-8000-000000000000"
  }
}
```

```
}
```

YAML Example

```
system-security-plan:  
  uuid: 11111111-2222-4000-8000-000000000000
```

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