Metadata tutorial:

All resources should be described in a structured format that includes the content outlined in xxx (doc). The internal data management system used by a data provider for maintaining this metadata information is not proscribed by NGDS policies.

The catalog service must implement the basic requirements of the OGC CSW, which include:

Operations

GetCapabilities

GetRecord

GetRecordByID

Queryable content elements

Response:

* Content: elements in response. Basic CSW:record includes minimal set. ISO response format includes that and whatever else there is.
* Formatting: csw:record schema location http:// . ISO MD\_Metadata record. Schema location http:// .

USGIN metadata profile adds these additional constraints to the base ISO19115/19119/19139 standards: