



MINISTERSTVO

ŽIVOTNÉHO PROSTREDIA  
SLOVENSKEJ REPUBLIKY



**ESPUS**

Efektívna správa priestorových údajov a služieb

# 12. INSPIRE ESPUS školenie „INSPIRE validácia“ Validácia v praxi

18.11.2022



**Európska únia**  
Európsky sociálny fond

# Prehľad

Predstavenie nástrojov na validáciu (RPI, EU validátor)

Validácie

- Metaúdaje
- Zobrazovacie služby
- Ukladacie služby
- Interoperabilita





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## INSPIRE validátor

# INSPIRE referenčný validátor

- EU INSPIRE validátor
  - <https://inspire.ec.europa.eu/validator/home/index.html>
  - Časté výpadky z dôvodu vysokej záťaže
  - Všetky krajiny EU validujú MD na tomto validátore
  - Validácie pribúdajú na minútovej báze
- EU INSPIRE validátor stage
  - <http://staging-inspire-validator.eu-west-1.elasticbeanstalk.com/etf-webapp/home/index.html>
  - Testovacie prostredie EU INSPIRE validátora
  - Stabilnejšie ako produkčné prostredie
- SK INSPIRE validátor (SK lokalizácia EU INSPIRE validátora)
  - <http://validator.inspire.stage.geocloud.sk/>
  - “Záloha” v prípade problémov na EÚ úrovni

# INSPIRE referenčný validátor

European Commission > INSPIRE > Validator > Home

## INSPIRE Reference Validator

[Home](#) [Test selection](#) [Test reports](#) [Get support](#) [More on the INSPIRE Reference Validator](#)

## Welcome to the INSPIRE Reference Validator

The purpose of the INSPIRE Reference Validator is to help data providers, solution providers and national coordinators to check whether data sets, network services and metadata meet the requirements defined in the INSPIRE Technical Guidelines. The Validator provides detailed test reports to help implementers understand how well their data, services, metadata or software solutions are doing (or where improvements may be needed).

The Validator is based on the [Abstract and Executable Test Suites](#) agreed between Member States and the Commission in the INSPIRE Maintenance and Implementation Group, and includes a [helpdesk](#) to address feedback, bug reports and feature requests from the INSPIRE community. See the [changelog of the current and past releases](#) and the [release planning strategy](#) for the plan of future releases of the INSPIRE Reference Validator.

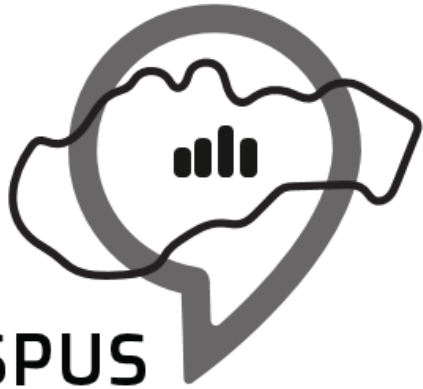
The Validator has been developed under [ARE3NA](#) and [ELISE](#) Actions of the ISA/ISA2 Programmes.



### Test your data, services or metadata

Pick your resource (data, services or metadata), select the test(s) to launch and check the results to see how well you are doing (or where you need to improve).

Start a test [↗](#)



**ESPUS**

Efektívna správa priestorových údajov a služieb

## INSPIRE testovanie

# INSPIRE testovanie

- Testovanie metaúdajov
  - Testovanie metaúdajov súboru priestorových údajov - T. Magač
  - Testovanie metaúdajov zobrazovacej služby - T. Magač
  - Testovanie metaúdajov ukladacej služby - T. Magač
- Testovanie zobrazovacej služby - M. Tuchyňa
- Testovanie ukladacej služby - M. Tuchyňa
- Testovanie údajov (interoperability) - T. Kliment
- Testovanie prelinkovania
  - INSPIRE linkage checker - M. Koška

# INSPIRE testovanie

[Home](#) [Test selection](#) [Test reports](#) [Get support](#) [More on the INSPIRE Reference Validator](#)

## Configure your test

Select the INSPIRE resource you would like to test

- Metadata
- View Service
- Download Service
- Discovery Service
- Data set

Select the Technical Guidelines version

- Version 1.3 - DEPRECATED
- Version 2.0

Select the type of metadata record(s) to be tested

- Data sets and data set series
- Network Service
- Spatial Data Service

[Advanced options](#)



# Testovanie metaúdajov súboru priestorových údajov

## Vstupy

- Vstup
  - Odkaz na XML metaúdajov alebo
    - [https://rpi.gov.sk/rpi\\_csw/service.svc/get?request=GetRecordById&service=CSW&version=2.0.2&elementSetName=full&Id=https://data.gov.sk/set/rpi/gmd/42181810/B33B4F7FC61F1ABCE0530210000AC379&outputschema=http://www.isotc211.org/2005/gmd](https://rpi.gov.sk/rpi_csw/service.svc/get?request=GetRecordById&service=CSW&version=2.0.2&elementSetName=full&Id=https://data.gov.sk/set/rpi/gmd/42181810/B33B4F7FC61F1ABCE0530210000AC379&outputschema=http://www.isotc211.org/2005/gmd)
  - XML metaúdajov na disku
    - [https://drive.google.com/file/d/1wrvG4Fg1wLpGqV0nKTwDW\\_3oLO9DbL/view?usp=share\\_link](https://drive.google.com/file/d/1wrvG4Fg1wLpGqV0nKTwDW_3oLO9DbL/view?usp=share_link)
    - **!!! Názov súboru bez diakritiky !!!**

The screenshot displays the RPI web interface. At the top, it says 'REGISTER PRIESTOROVÝCH INFORMÁCIÍ'. Below that, it indicates 'RPI - Mapový a vyhľadávací klient'. The main content area shows a map of Slovakia with several regions highlighted in green: Bratislavský kraj, Trnavský kraj, Trenčiansky kraj, and Nitriansky kraj. To the left of the map, there is a summary card for a specific record:

- Uložiť XML** and **Detailný náhľad** buttons.
- Ďalšie záznamy** link.
- Hodnotenie:** 5 stars.
- INSPIRE - Poľnohospodárske zariadenia - Miesto (Farmy)**
- Identifikátor:** <https://data.gov.sk/set/rpi/gmd/42181810/B33B4F7FC61F1ABCE0530210000AC379>
- Kontakt:** Zodpovedná organizácia: Plemenárske služby Slovenskej republiky
- Abstrakt:** Čiastočne harmonizované INSPIRE údaje pre Zoznam fariem v Centrálnej evidencii hospodárskych zvierat vytvorený z zo zdrojového datasetu/tabuľky v CSV formáte ktorý sa nachádza na [http://pssr.sk/stiah/datasety/Zoznam\\_evidovanych\\_fariem\\_v\\_CEHZ.csv](http://pssr.sk/stiah/datasety/Zoznam_evidovanych_fariem_v_CEHZ.csv).
- Adresa:** Ulica/číslo: Starohájska 29, Mesto: Bratislava, PSČ: 85227

# Testovanie metaúdajov súboru priestorových údajov

## Nastavenie validácie

- **Select the INSPIRE resource you would like to test**
  - Metadata
- **Select the Technical Guidelines version**
  - Version 2.0
- **Select the type of metadata record(s) to be tested**
  - Data sets and data set series
- **Provide a label for your test report (optional)**
  - Názov reportu pre lepšiu orientáciu vo výsledkoch
  - **!!! Názov bez diakritiky !!!**

Provide a label for your test report (optional)

Your test report will appear with the label below; edit the text if you wish to change it.

Test run on 08:45 - 16.11.2022 with test suite Conformance Class 2b: INSPIRE data sets and data set series metadata for Monitoring

### Configure your test

Select the INSPIRE resource you would like to test

- Metadata
- View Service
- Download Service
- Discovery Service
- Data set

Select the Technical Guidelines version

- Version 1.3 - DEPRECATED
- Version 2.0

Select the type of metadata record(s) to be tested

- Data sets and data set series
- Network Service
- Spatial Data Service

# Testovanie metaúdajov súboru priestorových údajov

## Nastavenie validácie

### Configure your test

Select the INSPIRE resource you would like to test

- Metadata
- View Service
- Download Service
- Discovery Service
- Data set

Select the Technical Guidelines version

- Version 1.3 - DEPRECATED
- Version 2.0

Select the type of metadata record(s) to be tested

- Data sets and data set series
- Network Service
- Spatial Data Service

Advanced options 

# Testovanie metaúdajov súboru priestorových údajov

## Výsledok validácie

- Dostupný na serveri v závislosti od množstva validácii
- Zobrazenie reportu cez See report
- Odporúčame stiahnuť cez Download report


### Search options

#### Resource type

 ▼

#### Status

 ▼[Refine results](#)[Clear all](#)[Show All Test Reports](#)

 **MD\_Farmy**

---

**Started** 9:43 AM - 16.11.2022

**Status** PASSED\_MANUAL

**Test object** <http://staging-inspire-validator.eu-west-1.elasticbeanstalk.com/validator/v2/TestRuns/EID0db92635-ee08-4e19-8f31-22886613c00b.xml>

**Test suites**

- Common Requirements for ISO/TC 19139:2007 based INSPIRE metadata records
- Conformance Class 1: Baseline metadata for data sets and data set series
- Conformance Class 2: INSPIRE data sets and data set series interoperability metadata
- Conformance Class 2b: INSPIRE data sets and data set series metadata for Monitoring

[See report ↕](#) [Log file ↗](#) [Download report ↓](#) [Delete report ⊗](#) [Re-run test ↻](#)

# Testovanie metaúdajov súboru priestorových údajov

Report validácie

[https://drive.google.com/file/d/1Gdp\\_-DwBWJ4YrsaS1\\_qdNcgU8xnQ5z/view?usp=share\\_link](https://drive.google.com/file/d/1Gdp_-DwBWJ4YrsaS1_qdNcgU8xnQ5z/view?usp=share_link)

## INSPIRE Validator - Test reports

Home
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More on the INSPIRE Reference Validator ▾

MD\_Farmy

**Status** Passed, manual checks required

**Started** 16/11/2022 08:43:06 GMT

**Duration** 1 min 5 s

	Total	Count	Skipped	Failed	Warnings	Manual
<b>Test suites</b>	4	0	0	0	0	1
<b>Test cases</b>	11	0	0	0	0	1
<b>Assertions</b>	41	0	0	0	0	1

Show

- All
- Only failed
- Only manual

Level of detail

- All details
- Less information
- Simplified

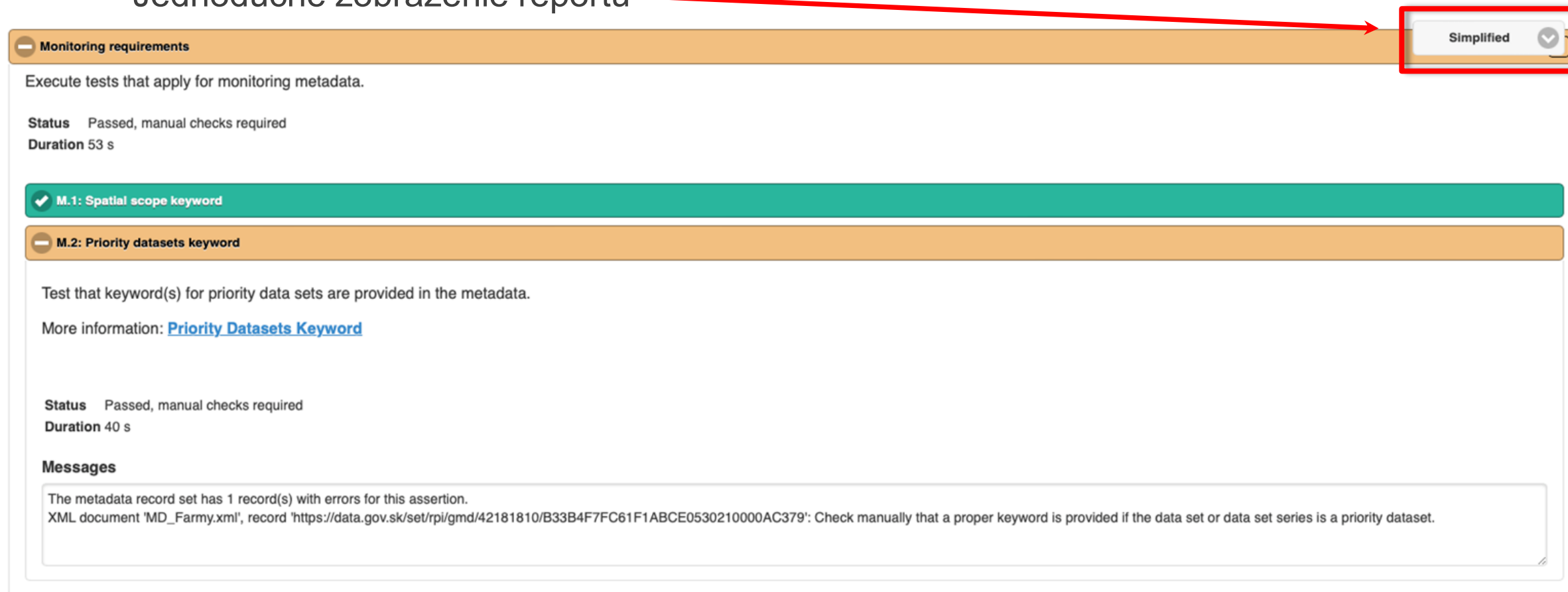
- + Common Requirements for ISO/TC 19139:2007 based INSPIRE metadata records.
3
- + Conformance Class 1: INSPIRE data sets and data set series baseline metadata.
3
- + Conformance Class 2: INSPIRE data sets and data set series interoperability metadata.
4
- + Conformance Class 2b: INSPIRE data sets and data set series metadata for Monitoring
1

Report generated by ETF

# Testovanie metaúdajov súboru priestorových údajov

## Report validácie

- Jednoduché zobrazenie reportu



**Monitoring requirements**

Execute tests that apply for monitoring metadata.

**Status** Passed, manual checks required  
**Duration** 53 s

✓ **M.1: Spatial scope keyword**

– **M.2: Priority datasets keyword**

Test that keyword(s) for priority data sets are provided in the metadata.  
More information: [Priority Datasets Keyword](#)

**Status** Passed, manual checks required  
**Duration** 40 s

**Messages**

The metadata record set has 1 record(s) with errors for this assertion.  
XML document 'MD\_Farmy.xml', record 'https://data.gov.sk/set/rpi/gmd/42181810/B33B4F7FC61F1ABCE0530210000AC379': Check manually that a proper keyword is provided if the data set or data set series is a priority dataset.

# Testovanie metaúdajov súboru priestorových údajov

## Report validácie

- Všetky detaily

✓ M.1: Spatial scope keyword

– M.2: Priority datasets keyword

Test that keyword(s) for priority data sets are provided in the metadata.

More information: [Priority Datasets Keyword](#)

**Status** Passed, manual checks required  
**Duration** 40 s  
**Assertion ID** EID5147ecc7-bc34-4283-a6a2-8adf34581106  
**Assertion URI** [Link](#)

**Expression:**

```
let $priorityDatasetsCodeList := http://inspire.ec.europa.eu/metadata-codelist/PriorityDataset
let $priorityDatasetRegistryUrl := 'http://inspire.ec.europa.eu/metadata-codelist/PriorityDataset/PriorityDataset'
let $officialLanguages := ('bg','cs','da','de','et','el','en','es','fr','hr','it','lv','lt','hu','mt','nl','pl','pt','ro','sk','sl','fi','sv')
```

**Messages**

The metadata record set has 1 record(s) with errors for this assertion.  
XML document 'MD\_Farmy.xml', record 'https://data.gov.sk/set/rpl/gmd/42181810/B33B4F7FC61F1ABCE0530210000AC379': Check manually that a proper keyword is provided if the data set or data set series is a priority dataset.

# Testovanie metaúdajov zobrazovacej služby

## Vstupy

- Vstup
  - Odkaz na XML metaúdajov alebo
    - [https://rpi.gov.sk/rpi\\_csw/service.svc/get?request=GetRecordById&service=CSW&version=2.0.2&elementSetName=full&outputschema=http://www.isotc211.org/2005/gmd&Id=https://data.gov.sk/set/rpi/gmd/42181810/B33B4F7FC6201ABCE0530210000AC379](https://rpi.gov.sk/rpi_csw/service.svc/get?request=GetRecordById&service=CSW&version=2.0.2&elementSetName=full&outputschema=http://www.isotc211.org/2005/gmd&Id=https://data.gov.sk/set/rpi/gmd/42181810/B33B4F7FC6201ABCE0530210000AC379)
  - XML metaúdajov na disku
    - [https://drive.google.com/file/d/1749WChZp33qEqrH8Zyu75S2vkONac0b2/view?usp=share\\_link](https://drive.google.com/file/d/1749WChZp33qEqrH8Zyu75S2vkONac0b2/view?usp=share_link)
    - **!!! Názov súboru bez diakritiky !!!**

**REGISTER PRIESTOROVÝCH INFORMÁCIÍ**

RPI » Mapový a vyhľadávací klient

Uložiť XML Detailný náhľad

... Ďalšie záznamy

Hodnotenie: ☆ ☆ ☆ ☆ ☆

**INSPIRE - Poľnohospodárske zariadenia - Miesto (Farmy) - Zobrazovacia služba**

Identifikátor  
<https://data.gov.sk/set/rpi/gmd/42181810/B33B4F7FC6201ABCE0530210000AC379>

Kontakt  
 Zodpovedná organizácia: Plemenárske služby Slovenskej republiky

Abstrakt  
 INSPIRE zobrazovacia služba poskytujúca harmonizované INSPIRE údaje pre Poľnohospodárske zariadenia - Miesto (Farmy)

Adresa  
 Ulica/číslo: Starohájska 29  
 Mesto: Bratislava  
 PSČ: 85227  
 e-mail: jozefpalenik@pssr.sk

Pôvod údajov  
 Neuvedené  
 Súlad so špecifikáciami INSPIRE: Áno



# Testovanie metaúdajov zobrazovacej služby

Nastavenie validácie

- **Select the INSPIRE resource you would like to test**
  - Metadata
- **Select the Technical Guidelines version**
  - Version 2.0
- **Select the type of metadata record(s) to be tested**
  - Network Service
- **Provide a label for your test report (optional)**
  - Názov reportu pre lepšiu orientáciu vo výsledkoch
  - **!!! Názov bez diakritiky !!!**

Provide a label for your test report (optional)

Your test report will appear with the label below; edit the text if you wish to change it.

Test run on 08:45 - 16.11.2022 with test suite Conformance Class 2b: INSPIRE data sets and data set series metadata for Monitoring

## Configure your test

Select the INSPIRE resource you would like to test

- Metadata
- View Service
- Download Service
- Discovery Service
- Data set

Select the Technical Guidelines version

- Version 1.3 - DEPRECATED
- Version 2.0

Select the type of metadata record(s) to be tested

- Data sets and data set series
- Network Service
- Spatial Data Service

# Testovanie metaúdajov zobrazovacej služby

Nastavenie validácie

## Configure your test

Select the INSPIRE resource you would like to test

- Metadata
- View Service
- Download Service
- Discovery Service
- Data set

Select the Technical Guidelines version

- Version 1.3 - DEPRECATED
- Version 2.0

Select the type of metadata record(s) to be tested

- Data sets and data set series
- Network Service
- Spatial Data Service

Advanced options 

# Testovanie metaúdajov zobrazovacej služby

## Nastavenie validácie

### Select the type of metadata record(s) to be tested

- Data sets and data set series
- Network Service
- Spatial Data Service

Advanced options ^

### Select the conformance classes to be assessed

- Common Requirements for ISO/TC 19139:2007 based INSPIRE metadata records ([source](#))
- Conformance Class 3: 'INSPIRE Spatial Data Service baseline metadata' ([source](#))
- Conformance Class 4: 'INSPIRE Network Services' ([source](#))

Verify

# Testovanie metaúdajov zobrazovacej služby

## Spustenie validácie

- Upload XML metaúdajového záznamu
- Remote file (neodporúčame používať)
  - väčšinou nie je funkčné na EU INSPIRE validátore

### Provide the resource to test

#### Select the input type and upload or link the resource

Select an XML file or a ZIP file containing one or multiple XML files. The Maximum size of the uploaded file is 50 MB. The upload starts immediately after selecting the files. The 'Start' button is unlocked when the upload has been successfully completed.

#### Upload file\*

Maximum size is 50 MB.

Encrypted documents and those containing macros are not accepted.

[Choose files](#)

#### Provide a label for your test report (optional)

Your test report will appear with the label below; edit the text if you wish to change it.

[Start test >](#)

# Testovanie metaúdajov zobrazovacej služby

Priebeh validácie

- Trvanie od 10s do 30minút v závislosti od náročnosti testov a zát'aže validátora

## Search options

### Resource type

 ▼

### Status

 ▼

Refine results

Clear all

Show All Test Reports

 MD\_ZobrSluzba\_Farmy\_report

---

**Started** 04:10 PM - 16.11.2022

**Status** RUNNING

**Test object** <http://staging-inspire-validator.eu-west-1.elasticbeanstalk.com/validator/v2/TestRuns/EID936624bd-4e09-4d14-8cb1-c7163af28ee9.xml>

**Test suites**

- Common Requirements for ISO/TC 19139:2007 based INSPIRE metadata records
- Conformance Class 3: INSPIRE Spatial Data Service baseline metadata.
- Conformance Class 4: INSPIRE Network Services metadata

[See report](#)  [Log file](#)  [Download report](#)  [Delete report](#)  [Re-run test](#) 

# Testovanie metaúdajov zobrazovacej služby

Výsledok validácie

- Dostupný na serveri v závislosti od množstva validácií
- Zobrazenie reportu cez See report
- Odporúčame stiahnuť cez Download report

The screenshot displays a web interface for test results. On the left, there are search filters: a search bar, 'Resource type' set to 'Any resource', and 'Status' set to 'Any status'. Below these are buttons for 'Refine results' and 'Clear all'. On the right, a test report is shown for 'MD\_ZobrSluzba\_Farmy\_report' with a green hand icon. The report details include: Started at 04:10 PM on 16.11.2022, Status PASSED\_MANUAL, and Test object URL. The Test suites section lists three categories: Common Requirements for ISO/TC 19139:2007 based INSPIRE metadata records, Conformance Class 3: INSPIRE Spatial Data Service baseline metadata, and Conformance Class 4: INSPIRE Network Services metadata. At the bottom of the report, there are five action buttons: 'See report' (highlighted with a red box), 'Log file', 'Download report' (highlighted with a red box), 'Delete report', and 'Re-run test'. A 'Show All Test Reports' button is located at the top right of the report area.

# Testovanie metaúdajov zobrazovacej služby

Report validácie

[https://drive.google.com/file/d/1Dg2wJ-QmCGigetFVLpavYt76Juk3RiRh/view?usp=share\\_link](https://drive.google.com/file/d/1Dg2wJ-QmCGigetFVLpavYt76Juk3RiRh/view?usp=share_link)

## INSPIRE Validator - Test reports

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MD\_ZobrSluzba\_Farmy\_report

**Status** Passed, manual checks required

**Started** 16/11/2022 16:10:44 GMT

**Duration** 11 s

	Total	Count	Skipped	Failed	Warnings	Manual
Test suites	3	0	0	0	0	1
Test cases	8	0	0	0	0	1
Assertions	29	0	0	0	0	1

**Show**

All

Only failed

Only manual

**Level of detail**

All details

Less information

Simplified

+ Common Requirements for ISO/TC 19139:2007 based INSPIRE metadata records.
3

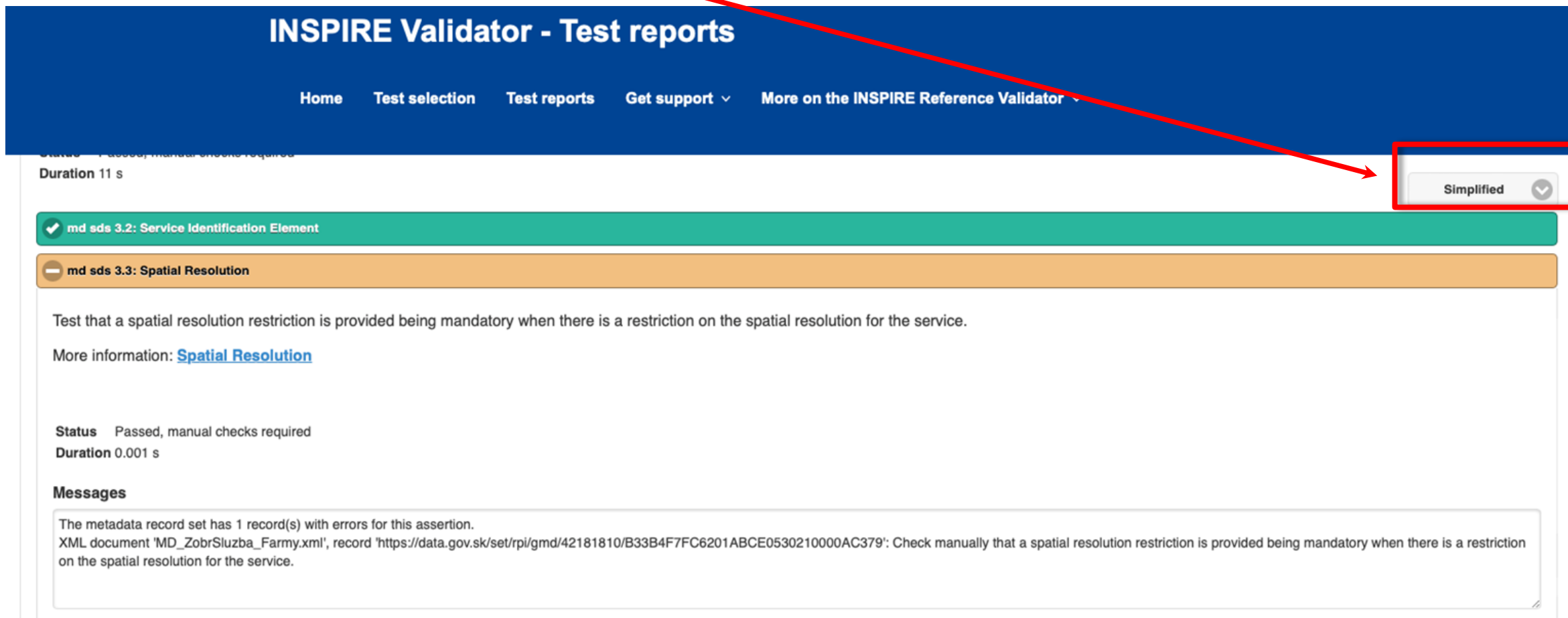
+ Conformance Class 3: INSPIRE Spatial Data Service baseline metadata.
4

+ Conformance Class 4: INSPIRE Network Services metadata.
1

# Testovanie metaúdajov zobrazovacej služby

## Report validácie

- Jednoduché zobrazenie reportu



**INSPIRE Validator - Test reports**

Home Test selection Test reports Get support ▾ More on the INSPIRE Reference Validator ▾

Duration 11 s

md sds 3.2: Service Identification Element

md sds 3.3: Spatial Resolution

Test that a spatial resolution restriction is provided being mandatory when there is a restriction on the spatial resolution for the service.

More information: [Spatial Resolution](#)

Status Passed, manual checks required  
Duration 0.001 s

Messages

The metadata record set has 1 record(s) with errors for this assertion.  
XML document 'MD\_ZobrSluzba\_Farmy.xml', record 'https://data.gov.sk/set/rpi/gmd/42181810/B33B4F7FC6201ABCE0530210000AC379': Check manually that a spatial resolution restriction is provided being mandatory when there is a restriction on the spatial resolution for the service.



# Testovanie metaúdajov zobrazovacej služby

## Report validácie

- Všetky detaily

test that a spatial resolution restriction is provided being mandatory when there is a restriction on the spatial resolution for the service.

More information: [Spatial Resolution](#)

**Status** Passed, manual checks required  
**Duration** 0.001 s  
**Assertion ID** EID2b2b468e-297c-4bb4-81b0-7f63898dfa8c  
**Assertion URI** [Link](#)

### Expression:

```
let $messages :=  
  for $record in $records
```

### Messages

The metadata record set has 1 record(s) with errors for this assertion.  
XML document 'MD\_ZobrSluzba\_Farmy.xml', record 'https://data.gov.sk/set/rpi/gmd/42181810/B33B4F7FC6201ABCE0530210000AC379': Check manually that a spatial resolution restriction is provided being mandatory when there is a restriction on the spatial resolution for the service.

✓ md sds 3.4: Spatial Data Service Category

✓ md sds 3.5: Spatial Data Service Type

All details

# Testovanie metaúdajov ukladacej služby

## Vstupy

- Vstup
  - Odkaz na XML metaúdajov alebo
    - [https://rpi.gov.sk/rpi\\_csw/service.svc/get?request=GetRecordById&service=CSW&version=2.0.2&elementSetName=full&outputschema=http://www.isotc211.org/2005/gmd&Id=https://data.gov.sk/set/rpi/gmd/42181810/B33B4F7FC6211ABCE0530210000AC379](https://rpi.gov.sk/rpi_csw/service.svc/get?request=GetRecordById&service=CSW&version=2.0.2&elementSetName=full&outputschema=http://www.isotc211.org/2005/gmd&Id=https://data.gov.sk/set/rpi/gmd/42181810/B33B4F7FC6211ABCE0530210000AC379)
  - XML metaúdajov na disku
    - [https://drive.google.com/file/d/1\\_O3hdvGJoqTHEB3stU5KuWW\\_ui6la4tk/view?usp=share\\_link](https://drive.google.com/file/d/1_O3hdvGJoqTHEB3stU5KuWW_ui6la4tk/view?usp=share_link)
    - **!!! Názov súboru bez diakritiky !!!**

The screenshot shows the RPI web application interface. At the top, there is a logo for 'REGISTER PRIESTOROVÝCH INFORMÁCIÍ'. Below it, the text 'RPI - Mapový a vyhľadávací klient' is visible. The main content area displays a map of Slovakia with several regions highlighted in green: Trenčiansky kraj, Tlmaňský kraj, Nitriansky kraj, and Zlínsky kraj. To the right of the map, there is a summary page for a specific record. The summary page includes the following information:

- Hodnotenie:** ☆☆☆☆☆
- INSPIRE - Poľnohospodárske zariadenia - Miesto (Farmy) - Ukladacia služba**
- Identifikátor:** <https://data.gov.sk/set/rpi/gmd/42181810/B33B4F7FC6211ABCE0530210000AC379>
- Kontakt:** Zodpovedná organizácia: Plemenárske služby Slovenskej republiky
- Abstrakt:** INSPIRE ukladacia služba poskytujúca harmonizované INSPIRE údaje pre INSPIRE - Poľnohospodárske zariadenia - Miesto (Farmy)
- Adresa:** Ulica/číslo: Starohájska 29  
Mesto: Bratislava  
PSČ: 85227  
e-mail: jozefpalenik@pssr.sk
- Pôvod údajov:** Neuvedené
- Súlad so špecifikáciami INSPIRE:** Áno

# Testovanie metaúdajov ukladacej služby

Nastavenie validácie

- **Select the INSPIRE resource you would like to test**
  - Metadata
- **Select the Technical Guidelines version**
  - Version 2.0
- **Select the type of metadata record(s) to be tested**
  - Network Service
- **Provide a label for your test report (optional)**
  - Názov reportu pre lepšiu orientáciu vo výsledkoch
  - **!!! Názov bez diakritiky !!!**

Provide a label for your test report (optional)

Your test report will appear with the label below; edit the text if you wish to change it.

Test run on 08:45 - 16.11.2022 with test suite Conformance Class 2b: INSPIRE data sets and data set series metadata for Monitoring

## Configure your test

Select the INSPIRE resource you would like to test

- Metadata
- View Service
- Download Service
- Discovery Service
- Data set

Select the Technical Guidelines version

- Version 1.3 - DEPRECATED
- Version 2.0

Select the type of metadata record(s) to be tested

- Data sets and data set series
- Network Service
- Spatial Data Service

# Testovanie metaúdajov ukladacej služby

Nastavenie validácie

## Configure your test

Select the INSPIRE resource you would like to test

- Metadata
- View Service
- Download Service
- Discovery Service
- Data set

Select the Technical Guidelines version

- Version 1.3 - DEPRECATED
- Version 2.0

Select the type of metadata record(s) to be tested

- Data sets and data set series
- Network Service
- Spatial Data Service

Advanced options 

# Testovanie metaúdajov ukladacej služby

## Nastavenie validácie

### Select the type of metadata record(s) to be tested

- Data sets and data set series
- Network Service
- Spatial Data Service

Advanced options ^

### Select the conformance classes to be assessed

- Common Requirements for ISO/TC 19139:2007 based INSPIRE metadata records ([source](#))
- Conformance Class 3: 'INSPIRE Spatial Data Service baseline metadata' ([source](#))
- Conformance Class 4: 'INSPIRE Network Services' ([source](#))

Verify

# Testovanie metaúdajov ukladacej služby

## Spustenie validácie

- Upload XML metaúdajového záznamu
- Remote file (neodporúčame používať)
  - väčšinou nie je funkčné na EU INSPIRE validátore

### Provide the resource to test

#### Select the input type and upload or link the resource

Select an XML file or a ZIP file containing one or multiple XML files. The Maximum size of the uploaded file is 50 MB. The upload starts immediately after selecting the files. The 'Start' button is unlocked when the upload has been successfully completed.

#### Upload file\*

Maximum size is 50 MB.

Encrypted documents and those containing macros are not accepted.

[Choose files](#)

#### Provide a label for your test report (optional)

Your test report will appear with the label below; edit the text if you wish to change it.

[Start test >](#)

# Testovanie metaúdajov ukladacej služby

Priebeh validácie

- Trvanie od 10s do 30minút v závislosti od náročnosti testov a záťaže validátora

## Search options

### Resource type

 ▼

### Status

 ▼

Refine results

Clear all

Show All Test Reports

### MD\_UkladSluzba\_Farmy\_report

---

**Started** 03:50 PM - 16.11.2022

**Status** RUNNING

**Test object** <http://staging-inspire-validator.eu-west-1.elasticbeanstalk.com/validator/v2/TestRuns/EID5eafecc4-0941-4a24-9b48-b8862d5af14f.xml>

**Test suites**

- Common Requirements for ISO/TC 19139:2007 based INSPIRE metadata records
- Conformance Class 3: INSPIRE Spatial Data Service baseline metadata.
- Conformance Class 4: INSPIRE Network Services metadata

[See report](#) [Log file](#) [Download report](#) [Delete report](#) [Re-run test](#)

# Testovanie metaúdajov ukladacej služby

## Výsledok validácie

- Dostupný na serveri v závislosti od množstva validácií
- Zobrazenie reportu cez See report
- Odporúčame stiahnuť cez Download report

The screenshot displays a web interface for test results. On the left, there are search filters: a search bar, 'Resource type' set to 'Any resource', and 'Status' set to 'Any status'. Below these are buttons for 'Refine results' and 'Clear all'. On the right, a 'Show All Test Reports' button is visible. The main content area shows a report for 'MD\_UkladSluzba\_Farmy\_report' with a green hand icon. The report details include: Started at 04:10 PM on 16.11.2022, Status PASSED\_MANUAL, and Test object URL. The Test suites section lists three categories: Common Requirements for ISO/TC 19139:2007 based INSPIRE metadata records, Conformance Class 3: INSPIRE Spatial Data Service baseline metadata, and Conformance Class 4: INSPIRE Network Services metadata. At the bottom of the report, there are five action buttons: 'See report' (highlighted with a red box), 'Log file', 'Download report' (highlighted with a red box), 'Delete report', and 'Re-run test'.



# Testovanie metaúdajov ukladacej služby

Report validácie

[https://drive.google.com/file/d/1dHE6Bt0Dh69oCLUGLx8MQuBZ890QFHps/view?usp=share\\_link](https://drive.google.com/file/d/1dHE6Bt0Dh69oCLUGLx8MQuBZ890QFHps/view?usp=share_link)

## INSPIRE Validator - Test reports

Home
Test selection
Test reports
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More on the INSPIRE Reference Validator ▾

MD\_UkladSluzba\_Farmy\_report

<p><b>Status</b> Passed, manual checks required</p> <p><b>Started</b> 16/11/2022 16:10:44 GMT</p> <p><b>Duration</b> 21 s</p>	<table style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th></th> <th>Total</th> <th>Count</th> <th>Skipped</th> <th>Failed</th> <th>Warnings</th> <th>Manual</th> </tr> </thead> <tbody> <tr> <td>Test suites</td> <td>3</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>1</td> </tr> <tr> <td>Test cases</td> <td>8</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>1</td> </tr> <tr> <td>Assertions</td> <td>29</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>1</td> </tr> </tbody> </table>		Total	Count	Skipped	Failed	Warnings	Manual	Test suites	3	0	0	0	0	1	Test cases	8	0	0	0	0	1	Assertions	29	0	0	0	0	1	<p><b>Show</b></p> <p><input checked="" type="radio"/> All</p> <p><input type="radio"/> Only failed</p> <p><input type="radio"/> Only manual</p>	<p><b>Level of detail</b></p> <p><input type="radio"/> All details</p> <p><input type="radio"/> Less information</p> <p><input checked="" type="radio"/> Simplified</p>
	Total	Count	Skipped	Failed	Warnings	Manual																									
Test suites	3	0	0	0	0	1																									
Test cases	8	0	0	0	0	1																									
Assertions	29	0	0	0	0	1																									

+ Common Requirements for ISO/TC 19139:2007 based INSPIRE metadata records.
3

+ Conformance Class 3: INSPIRE Spatial Data Service baseline metadata.
4

+ Conformance Class 4: INSPIRE Network Services metadata.
1

# Testovanie metaúdajov ukladacej služby

## Report validácie

- Jednoduché zobrazenie reportu

Status Passed, manual checks required

Duration 12 s

Simplified 

 md sds 3.2: Service Identification Element

 md sds 3.3: Spatial Resolution

Test that a spatial resolution restriction is provided being mandatory when there is a restriction on the spatial resolution for the service.

More information: [Spatial Resolution](#)

Status Passed, manual checks required

Duration 0.001 s

### Messages

The metadata record set has 1 record(s) with errors for this assertion.

XML document 'MD\_UkladSluzba\_Farmy.xml', record 'https://data.gov.sk/set/rpi/gmd/42181810/B33B4F7FC6211ABCE0530210000AC379': Check manually that a spatial resolution restriction is provided being mandatory when there is a restriction on the spatial resolution for the service.

# Testovanie metaúdajov ukladacej služby

## Report validácie

- Všetky detaily

md sds 3.3: Spatial Resolution

Test that a spatial resolution restriction is provided being mandatory when there is a restriction on the spatial resolution for the service.

More information: [Spatial Resolution](#)

**Status** Passed, manual checks required  
**Duration** 0.001 s  
**Assertion ID** EID2b2b468e-297c-4bb4-81b0-7f63898dfa8c  
**Assertion URI** [Link](#)

**Expression:**

```
let $rid := $record/gmd:fileIdentifier/*text()
return local:addMessage('TR.manualCheckSpatialResolution', map { 'filename': local:filename($record), 'id': $rid })
```

**Messages**

The metadata record set has 1 record(s) with errors for this assertion.  
XML document 'MD\_UkladSluzba\_Farmy.xml', record 'https://data.gov.sk/set/rpi/gmd/42181810/B33B4F7FC6211ABCE0530210000AC379': Check manually that a spatial resolution restriction is provided being mandatory when there is a restriction on the spatial resolution for the service.

# Testovanie zobrazovacej služby - WMS

## Vstupy

- Vstup
  - Odkaz na zobrazovaciu službu (request GetCapabilities)
    - <https://maps.geocloud.sk/geoserver/af/wms?service=WMS&version=1.3.0&request=GetCapabilities>

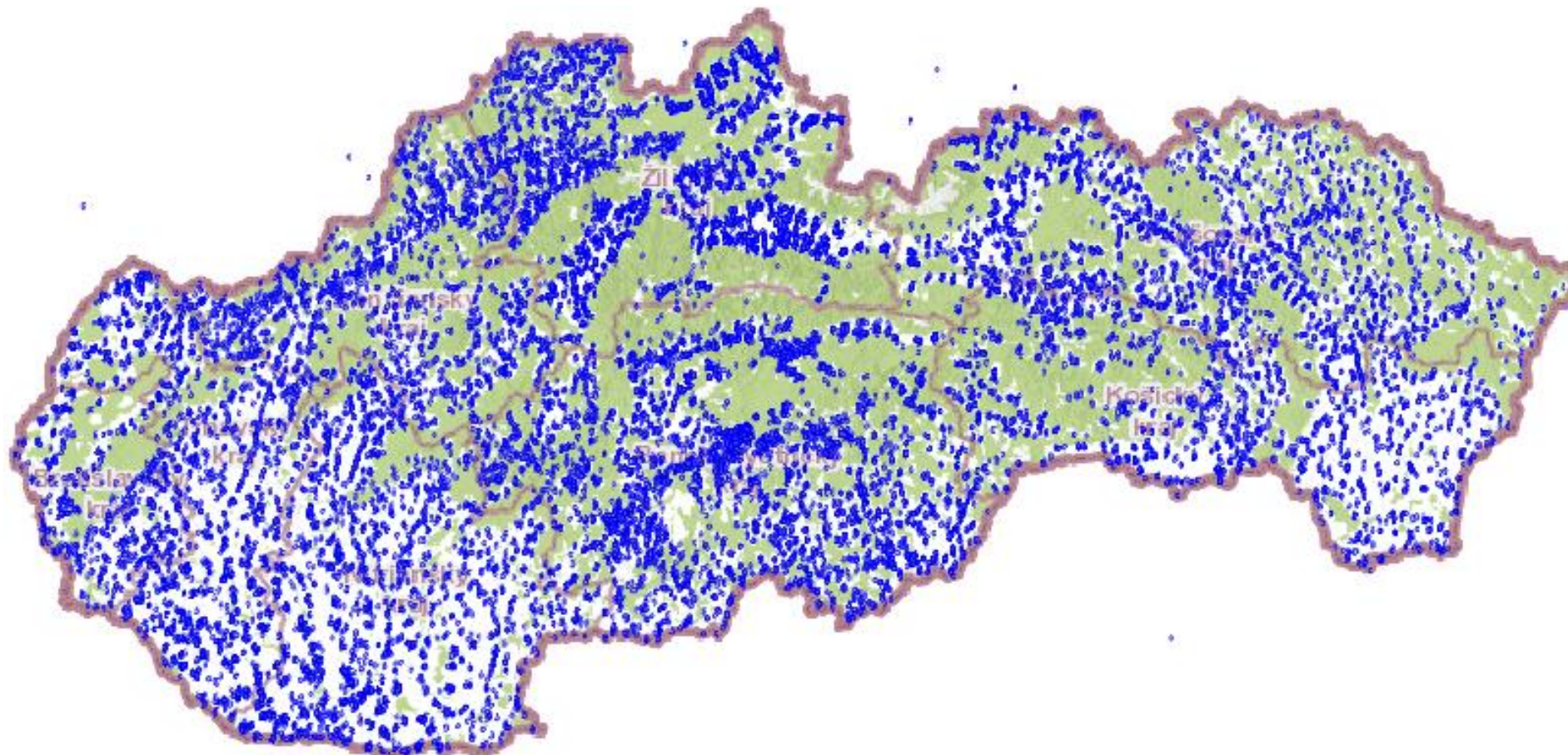
```

</GetFeatureInfo>
</Request>
<Exception>
  <Format>XML</Format>
  <Format>INIMAGE</Format>
  <Format>BLANK</Format>
  <Format>JSON</Format>
</Exception>
<inspire_vs:ExtendedCapabilities>
  <inspire_common:MetadataUrl>
    <inspire_common:URL>
      https://rpi.gov.sk/rpi_csw/service.svc/get?
      request=GetRecordById&service=CSW&version=2.0.2&elementSetName=full&outputSchema=http://www.isotc211.org/2005/gmd&Id=https://data.gov.sk/set/rpi/gmd/42181810/B33B4F7FC6201ABCE0530210000AC379
    </inspire_common:URL>
    <inspire_common:MediaType>application/vnd.ogc.csw.GetRecordByIdResponse_xml</inspire_common:MediaType>
  </inspire_common:MetadataUrl>
  <inspire_common:SupportedLanguages>
    <inspire_common:DefaultLanguage>
      <inspire_common:Language>eng</inspire_common:Language>
    </inspire_common:DefaultLanguage>
    <inspire_common:SupportedLanguages>
  </inspire_common:SupportedLanguages>
  <inspire_common:ResponseLanguage>
    <inspire_common:Language>eng</inspire_common:Language>
  </inspire_common:ResponseLanguage>
</inspire_vs:ExtendedCapabilities>
<Layer>
  <Title>GeoServer Web Map Service</Title>
  <Abstract>
    A compliant implementation of WMS plus most of the SLD extension (dynamic styling). Can also generate PDF, SVG, KML, GeoRSS
  </Abstract>
  <!-- Limited list of EPSG projections: -->
  <CRS>EPSG:4326</CRS>
  <CRS>EPSG:4258</CRS>
  <CRS>EPSG:5514</CRS>
  <CRS>EPSG:102067</CRS>
  <CRS>EPSG:3857</CRS>
  <CRS>CRS:84</CRS>
  <EX_GeographicBoundingBox>
    <westBoundLongitude>16.8372503074643</westBoundLongitude>
    <eastBoundLongitude>22.5130058352009</eastBoundLongitude>
    <southBoundLatitude>47.7390701135566</southBoundLatitude>
    <northBoundLatitude>49.5546931424415</northBoundLatitude>
  </EX_GeographicBoundingBox>
  <BoundingBox CRS="CRS:84" minx="16.8372503074643" miny="47.7390701135566" maxx="22.5130058352009" maxy="49.5546931424415"/>
  <Layer queryable="1" opaque="0">
    <Name>AF.AgriculturalHolding</Name>
    <Title>Holding</Title>
    <Abstract>Holding</Abstract>

```

# Testovanie zobrazovacej služby - WMS

Vstupy



# Testovanie zobrazovacej služby - WMS

Nastavenie validácie

- **Select the INSPIRE resource you would like to test**
  - View Service
- **Select the View Service type**
  - Web Map Service (WMS)
- **Provide a label for your test report (optional)**
  - Názov reportu pre lepšiu orientáciu vo výsledkoch
  - **!!! Názov bez diakritiky !!!**

Provide a label for your test report (optional)

Your test report will appear with the label below; edit the text if you wish to change it.

Test run on 17:39 - 16.11.2022 with test suite Conformance Class View Service WMS

## Configure your test

Select the INSPIRE resource you would like to test

- Metadata
- View Service
- Download Service
- Discovery Service
- Data set

Select the View Service type

- Web Map Service (WMS)
- Web Map Tile Service (WMTS)

# Testovanie zobrazovacej služby - WMS

Nastavenie validácie

## Configure your test

Select the INSPIRE resource you would like to test

- Metadata
- View Service
- Download Service
- Discovery Service
- Data set

Select the View Service type

- Web Map Service (WMS)
- Web Map Tile Service (WMTS)

Advanced options ^

Select the conformance classes to be assessed

- Conformance Class 'View Service WMS' ([source](#))

# Testovanie zobrazovacej služby - WMS

## Spustenie validácie

- URL na GetCapabilities služby

### Provide the resource to test

#### Specify the service details

Please enter a getCapabilities request to your service.

Service URL	▼	https://maps.geocloud.sk/geoserver/af/wms?service=WMS&version=1.3.08
-------------	---	--

Credentials ▼
---------------

#### Provide a label for your test report (optional)

Your test report will appear with the label below; edit the text if you wish to change it.

ZobrSluzba_Farmy
------------------

Start test >



# Testovanie zobrazovacej služby - WMS

Priebeh validácie

- Trvanie od 10s do 30minút v závislosti od náročnosti testov a záťaže validátora

## Search options

### Resource type

### Status

Refine results

Clear all

Show All Test Reports

 **ZobrSluzba\_Farmy**

---

<b>Started</b>	04:12 PM - 16.11.2022
<b>Status</b>	RUNNING
<b>Test object</b>	<a href="http://staging-inspire-validator.eu-west-1.elasticbeanstalk.com/validator/v2/TestRuns/EIDfb5fcdaa-1e51-49e5-882d-1814e4cc2231.xml">http://staging-inspire-validator.eu-west-1.elasticbeanstalk.com/validator/v2/TestRuns/EIDfb5fcdaa-1e51-49e5-882d-1814e4cc2231.xml</a>
<b>Test suites</b>	• Conformance Class View Service WMS

[See report](#)  [Log file](#)  [Download report](#)  [Delete report](#)  [Re-run test](#) 

# Testovanie zobrazovacej služby - WMS

## Výsledok validácie

- Dostupný na serveri v závislosti od množstva validácií
- Zobrazenie reportu cez See report
- Odporúčame stiahnuť cez Download report

### Search options

#### Resource type

#### Status

[Refine results](#)[Clear all](#)[Show All Test Reports](#)

 **ZobrSluzba\_Farmy**

---

**Started** 04:10 PM - 16.11.2022

**Status** PASSED\_MANUAL

**Test object** <http://staging-inspire-validator.eu-west-1.elasticbeanstalk.com/validator/v2/TestRuns/EIDfb5fcdaa-1e51-49e5-882d-1814e4cc2231.xml>

**Test suites** • Conformance Class View Service WMS

[See report ↕](#) [Log file ↗](#) [Download report ↓](#) [Delete report ⊗](#) [Re-run test ↻](#)

# Testovanie zobrazovacej služby - WMS

Report validácie

[https://drive.google.com/file/d/100xfKCNIVLszM4s70Cn2z6YLF2q4c6Fc/view?usp=share\\_link](https://drive.google.com/file/d/100xfKCNIVLszM4s70Cn2z6YLF2q4c6Fc/view?usp=share_link)

## INSPIRE Validator - Test reports

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- [Test selection](#)
- [Test reports](#)
- [Get support](#) ▾
- [More on the INSPIRE Reference Validator](#) ▾

↳ **ZobrSluzba\_Farmy**

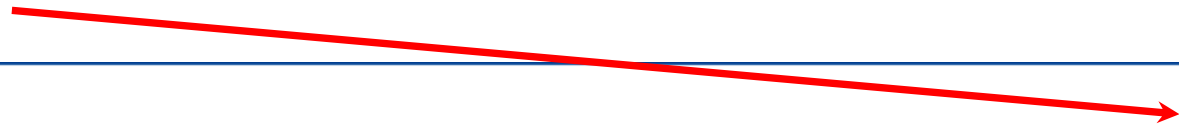
<p><b>Status</b> Passed, manual checks required</p> <p><b>Started</b> 16/11/2022 16:10:44 GMT</p> <p><b>Duration</b> 26 s</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>Total</th> <th>Count</th> <th>Skipped</th> <th>Failed</th> <th>Warnings</th> <th>Manual</th> </tr> </thead> <tbody> <tr> <td><b>Test suites</b></td> <td>1</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>1</td> </tr> <tr> <td><b>Test modules</b></td> <td>4</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>2</td> </tr> <tr> <td><b>Test cases</b></td> <td>63</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>11</td> </tr> <tr> <td><b>Test steps</b></td> <td>141</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>11</td> </tr> <tr> <td><b>Assertions</b></td> <td>100</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>11</td> </tr> </tbody> </table>		Total	Count	Skipped	Failed	Warnings	Manual	<b>Test suites</b>	1	0	0	0	0	1	<b>Test modules</b>	4	0	0	0	0	2	<b>Test cases</b>	63	0	0	0	0	11	<b>Test steps</b>	141	0	0	0	0	11	<b>Assertions</b>	100	0	0	0	0	11	<p><b>Show</b></p> <p><input checked="" type="radio"/> All</p> <p><input type="radio"/> Only failed</p> <p><input type="radio"/> Only manual</p> <p><b>Level of detail</b></p> <p><input type="radio"/> All details</p> <p><input type="radio"/> Less information</p> <p><input checked="" type="radio"/> Simplified</p>
	Total	Count	Skipped	Failed	Warnings	Manual																																						
<b>Test suites</b>	1	0	0	0	0	1																																						
<b>Test modules</b>	4	0	0	0	0	2																																						
<b>Test cases</b>	63	0	0	0	0	11																																						
<b>Test steps</b>	141	0	0	0	0	11																																						
<b>Assertions</b>	100	0	0	0	0	11																																						

**+ Conformance Class: View Service - WMS**
4

# Testovanie zobrazovacej služby - WMS

## Report validácie

- Jednoduché zobrazenie reportu



Status Passed, manual checks required

Duration 0.069 s

### [Endpoint](#)

### Request

```
https://maps.geocloud.sk/geoserver/af/wms?REQUEST=GetCapabilities&SERVICE=WMS
```

### [Open saved response](#)

### Assertions

#### Script Assertion

Status Passed, manual checks required

Duration 0.001 s

### Messages

For each supported language, check manually if the natural language fields of the response are in the requested language.

# Testovanie zobrazovacej služby - WMS

## Report validácie

- Všetky detaily

[Open saved response](#)

### Assertions

#### Script Assertion

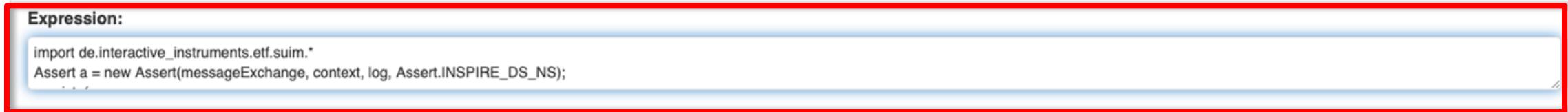
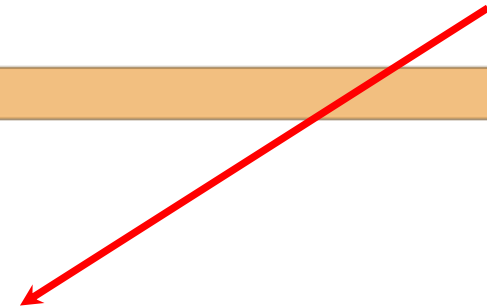
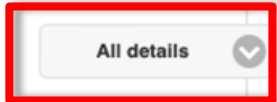
Status Passed, manual checks required  
Duration 0.001 s  
Assertion ID EIDab3f8906-fea5-4821-a124-eba173365601  
Assertion URI [Link](#)

#### Expression:

```
import de.interactive_instruments.etf.suim.*  
Assert a = new Assert(messageExchange, context, log, Assert.INSPIRE_DS_NS);
```

#### Messages

For each supported language, check manually if the natural language fields of the response are in the requested language.



# Testovanie ukladacej služby - WFS

## Vstupy

- Web feature service - (WFS) - realizácia ukladacej služby cez implementáciu štandardu WFS 2.0, ktorý má povolené dva spôsoby implementácie
  - Direct WFS - plná implementácia WFS 2.0 podľa ISO 19142 (vid' kapitola 7 technických návodov pre ukladacie služby
    - <https://inspire.ec.europa.eu/documents/technical-guidance-implementation-inspire-download-services> )
  - Pred-defined WFS - čiastočná implementácia WFS 2.0 prostredníctvom tzv. stored query ((vid' kapitola 6 technických návodov pre ukladacie služby
    - <https://inspire.ec.europa.eu/documents/technical-guidance-implementation-inspire-download-services> )

# Testovanie ukladacej služby - WFS

## Vstupy

- Vstup
  - Odkaz na ukladaciu službu (request GetCapabilities)
    - <https://maps.geocloud.sk/geoserver/af/wfs?service=WFS&version=2.0.0&request=GetCapabilities>

# Testovanie ukladacej služby - WFS

## Vstupy



Log Messages 🔍 ✖

Plugins ✖ Python warning ✖ General ✖ WFS ✖ Messages ✖

**2022-11-16T15:41:14 CRITICAL** Layer is not valid : The layer pagingEnabled='true' preferCoordinatesForWfsT11='false' restrictToRequestBBOX='1' srsname='http://www.opengis.net/def/crs/EPSSG/0/4258' typename='af:AFSite' url='https://maps.geocloud.sk/geoserver/af/wfs' url='https://maps.geocloud.sk/geoserver/af/wfs?version=2.0.0' version='auto' is not a valid layer and can not be added to the map.Reason:



# Testovanie ukladacej služby - WFS

## Nastavenie validácie

- **Select the INSPIRE resource you would like to test**
  - Download Service
- **Select the Download Service type**
  - Web Feature Service (WFS)
- **Select the WFS type**
  - Direct WFS
- **Provide a label for your test report (optional)**
  - Názov reportu pre lepšiu orientáciu vo výsledkoch
  - **!!! Názov bez diakritiky !!!**

Provide a label for your test report (optional)

Your test report will appear with the label below; edit the text if you wish to change it.

Test run on 18:54 - 16.11.2022 with test suite Conformance Class Direct WFS

### Configure your test

Select the INSPIRE resource you would like to test

- Metadata
- View Service
- Download Service
- Discovery Service
- Data set

Select the Download Service type

- Web Feature Service (WFS)
- Pre-defined Atom
- Sensor Observation Service (SOS)
- Web Coverage Service (WCS)
- OGC API - Features

Select the WFS type

- Direct WFS
- Pre-defined WFS

# Testovanie ukladacej služby - WFS

## Nastavenie validácie

### Configure your test

#### Select the INSPIRE resource you would like to test

- Metadata
- View Service
- Download Service
- Discovery Service
- Data set

#### Select the Download Service type

- Web Feature Service (WFS)
- Pre-defined Atom
- Sensor Observation Service (SOS)
- Web Coverage Service (WCS)
- OGC API - Features

#### Select the WFS type

- Direct WFS
- Pre-defined WFS

Advanced options ^

#### Select the conformance classes to be assessed

- WFS 2.0 (OGC 09-025r2/ISO 19142) Conformance Test Suite ([source](#))
- Conformance Class 'Pre-defined WFS' ([source](#))
- Conformance Class 'Direct WFS' ([source](#))

# Testovanie ukladacej služby - WFS


Spustenie validácie

- URL na GetCapabilities služby

## Provide the resource to test

### Specify the service details

Please enter a getCapabilities request to your service.

Service URL 

https://maps.geocloud.sk/geoserver/af/wfs?service=WFS&version=2.0.0&re

Credentials 

### Provide a label for your test report (optional)

Your test report will appear with the label below; edit the text if you wish to change it.

UkladSluzba\_Farmy\_report

Start test >

# Testovanie ukladacej služby - WFS

Priebeh validácie

- Trvanie od 10s do 30minút v závislosti od náročnosti testov a záťaže validátora

## Search options

### Resource type

 ▼

### Status

 ▼

Refine results

Clear all

Show All Test Reports

### UkladSluzba\_Farmy\_report

---

**Started** 04:12 PM - 16.11.2022

**Status** RUNNING

**Test object** <http://staging-inspire-validator.eu-west-1.elasticbeanstalk.com/validator/v2/TestRuns/EIDc3bcf6db-f91e-4d19-857b-94c01aa97fb9.xml>

**Test suites**

- WFS 2.0 (OGC 09-025r2/ISO 19142) Conformance Test Suite
- Conformance Class Direct WFS
- Conformance Class Pre-defined WFS

[See report](#) [Log file](#) [Download report](#) [Delete report](#) [Re-run test](#)

# Testovanie ukladacej služby - WFS

Výsledok validácie

- Dostupný na serveri v závislosti od množstva validácií
- Zobrazenie reportu cez See report
- Odporúčame stiahnuť cez Download report

The screenshot displays a web interface for test results. On the left, there are search filters: a text input field, a 'Resource type' dropdown menu set to 'Any resource', and a 'Status' dropdown menu set to 'Any status'. Below these are buttons for 'Refine results' and 'Clear all'. On the right, a 'Show All Test Reports' button is visible. The main content area shows a test report for 'UkladSluzba\_Farmy\_report' with a red 'X' icon indicating failure. The report details include: Started at 04:12 PM on 16.11.2022, Status FAILED, and Test object URL. The Test suites section lists 'WFS 2.0 (OGC 09-025r2/ISO 19142) Conformance Test Suite', 'Conformance Class Direct WFS', and 'Conformance Class Pre-defined WFS'. At the bottom of the report, there are five action buttons: 'See report' (highlighted with a red box), 'Log file', 'Download report' (highlighted with a red box), 'Delete report', and 'Re-run test'.

## 54 Testovanie ukladacej služby - WFS

Report validácie

[https://drive.google.com/file/d/1RLXLo\\_2OrJEYDk5Z8SE2ofORSG9MoPr8/view?usp=share\\_link](https://drive.google.com/file/d/1RLXLo_2OrJEYDk5Z8SE2ofORSG9MoPr8/view?usp=share_link)

## INSPIRE Validator - Test reports

[Home](#)
[Test selection](#)
[Test reports](#)
[Get support](#)
[More on the INSPIRE Reference Validator](#)

UkladSluzba\_Farmy\_report

Status Failed

Started 16/11/2022 16:12:35 GMT

Duration 13 s

	Total	Count	Skipped	Failed	Warnings	Manual
Test suites	3	0	2	0	0	0
Test modules	18	7	6	0	0	0
Test cases	62	23	10	0	0	0
Test steps	396	42	16	0	0	0
Assertions	130	0	0	0	0	0

Show:  All  Only failed  Only manual

Level of detail:  All details  Less information  Simplified

- + WFS 2.0 (OGC 09-025r2/ISO 19142) Conformance Test Suite** Failed: 5 / 13
- + Conformance Class: Download Service - Direct WFS** 2
- + Conformance Class: Download Service - Pre-defined WFS** Failed: 1 / 3

Report generated by ETF

# Testovanie ukladacej služby -WFS

## Report validácie

- Jednoduché zobrazenie reportu

The screenshot displays a test report interface. At the top right, there is a button labeled "Simplified" with a dropdown arrow, highlighted by a red box and a red arrow pointing from the text "Jednoduché zobrazenie reportu". The main report area shows a failed test with the following details:

- Status:** Failed
- Duration:** 2 s
- Test Name:** org.opengis.cite.Iso19142.SuitePreconditions
- Failed Count:** Failed: 1 / 3
- Test Name:** dataAreAvailable
- Description:** SUT has data for at least one advertised feature type
- Status:** Failed
- Duration:** 2 s
- Messages:** OGC TEAM Engine reported a failed test: Prerequisite not satisfied: No valid data available from WFS.

# Testovanie ukladacej služby - WFS

## Report validácie

- Všetky detaily

Dependency [Get number of Features in DB \(Passed\)](#)

**Test instruction**

```
import de.interactive_instruments.xtf.*;
import de.interactive_instruments.xtf.wfs.*;
import de.interactive_instruments.etf.suim.TranslatableAssertionError;
SOAPUI_I.init(log,context,testRunner);

def ph = new ProjectHelper();
def cap = new Capabilities();

ph.getTestCase().setProperty("AutoConfigurationCompleted", "false");

String autoConfiguration = "failed";
try {

    cap.setCapabilities(ph.getTestStepResult("GetCapabilities"));
    new ObjectSaver().save(cap);
    autoConfiguration = "completed";
    ph.getTestCase().setProperty("AutoConfigurationCompleted", "true");

} catch (Exception e) {
    log.error(e);
    ph.getTestCase().setProperty("AutoConfigurationCompleted", e.getMessage());
    autoConfiguration = e.getMessage();
    if (e instanceof TranslatableAssertionError) {
        throw e;
    }
}

assert "completed" == autoConfiguration, "Failed to initialize Executable Test Suite"
```

All details



# Testovanie ukladacej služby - ATOM

## Vstupy

- Pre-defined Atom - implementácia prostredníctvom vytvorenia Atom feed (vid' kapitola 5 technických návodov pre ukladacie služby
  - <https://inspire.ec.europa.eu/documents/technical-guidance-implementation-inspire-download-services> )

# Testovanie ukladacej služby - ATOM

## Vstupy

- Vstup
  - Odkaz na ukladaciu službu (request GetCapabilities)
    - <https://geos.sazp.sk/inspire/atom/lcv/clc2000/DownloadServiceFeed.xml>

# Testovanie ukladacej služby - ATOM

Nastavenie validácie

- **Select the INSPIRE resource you would like to test**
  - Download Service
- **Select the Download Service type**
  - Pre-defined Atom
- **Provide a label for your test report (optional)**
  - Názov reportu pre lepšiu orientáciu vo výsledkoch
  - **!!! Názov bez diakritiky !!!**

**Provide a label for your test report** (optional)

Your test report will appear with the label below; edit the text if you wish to change it.

Test run on 18:59 - 16.11.2022 with test suite Conformance Class Pre-defined Atom

## Configure your test

Select the INSPIRE resource you would like to test

- Metadata
- View Service
- Download Service
- Discovery Service
- Data set

Select the Download Service type

- Web Feature Service (WFS)
- Pre-defined Atom
- Sensor Observation Service (SOS)
- Web Coverage Service (WCS)
- OGC API - Features

# Testovanie ukladacej služby - ATOM

Nastavenie validácie

## Configure your test

Select the INSPIRE resource you would like to test

- Metadata
- View Service
- Download Service
- Discovery Service
- Data set

Select the Download Service type

- Web Feature Service (WFS)
- Pre-defined Atom
- Sensor Observation Service (SOS)
- Web Coverage Service (WCS)
- OGC API - Features

[Advanced options](#) ^

Select the conformance classes to be assessed

- Conformance Class 'Pre-defined Atom' ([source](#))

# Testovanie ukladacej služby - ATOM

Spustenie validácie

- URL na GetCapabilities služby

## Provide the resource to test

### Specify the service details

Please enter a getCapabilities request to your service.

Service URL	▼	<input type="text" value="https://geos.sazp.sk/inspire/atom/lcv/clc2000/DownloadServiceFeed.xml"/>
-------------	---	--

<input type="text" value="Credentials"/> ▼
--

### Provide a label for your test report (optional)

Your test report will appear with the label below; edit the text if you wish to change it.

<input type="text" value="UkladSluzba_CORINELandCover2000_report"/>
---

**Start test >**

# Testovanie ukladacej služby - ATOM

Priebeh validácie

- **Trvanie viac ako 30minút**, v závislosti od náročnosti testov a zát'aže validátora

## Search options

### Resource type

### Status

Refine results

Clear all

Show All Test Reports

 **UkladSluzba\_CORINELandCover2000\_report**

---

<b>Started</b>	2:02 PM - 16.11.2022
<b>Status</b>	RUNNING
<b>Test object</b>	<a href="http://staging-inspire-validator.eu-west-1.elasticbeanstalk.com/validator/v2/TestRuns/EID1a11bfa4-66e0-4a02-8463-59fda24b520.xml">http://staging-inspire-validator.eu-west-1.elasticbeanstalk.com/validator/v2/TestRuns/EID1a11bfa4-66e0-4a02-8463-59fda24b520.xml</a>
<b>Test suites</b>	• Conformance Class Pre-defined Atom

[See report ↕](#) [Log file ↗](#) [Download report ↓](#) [Delete report ⊗](#) [Re-run test ↻](#)

# Testovanie ukladacej služby – ATOM

## Report validácie

[https://drive.google.com/file/d/1JzRPw-JdnT5YrkxcG0F0xV-nOOAJFqcH/view?usp=share\\_link](https://drive.google.com/file/d/1JzRPw-JdnT5YrkxcG0F0xV-nOOAJFqcH/view?usp=share_link)

Status	Failed	Total Count					Show	Level of detail
Started	30/09/2022 06:10:03 GMT	Test suites	Skipped	Failed	Warnings	Manual	<input checked="" type="radio"/> All	<input type="radio"/> All details
Duration	1 min 26 s	Test modules					<input type="radio"/> Only failed	<input type="radio"/> Less information
		Test cases	1	0	1	0	<input type="radio"/> Only manual	<input checked="" type="radio"/> Simplified
		Test steps	4	0	1	0		
		Assertions	40	0	1	0		
			103	0	1	0		
			221	0	0	0		

- Conformance Class: Download Service - Pre-defined Atom
Failed: 1 / 4

This test suite examines a Atom feed with Open Search description against the requirements related to the INSPIRE Pre-Defined Atom Download Service feed with sub-feeds for data sets. This test suite only examines requirements that are specific to a Pre-Defined Atom Download Service feed.

The test suite is divided into four test modules. In the first module 'Initialization and basic checks', basic queries are send to the Atom feed to ensure the endpoints are available. The 'Download Service Feed', 'Dataset Feed' and 'OpenSearch Description' test modules contain the actual test cases, derived from the Abstract Test Cases. If a test case in the first module fails, the three other modules are skipped!

There are a few test cases and test steps that are marked as 'technical test step' or 'technical test case' in the description. They are used to control the test execution flow of the steps. The description text of a technical test step indicates the test steps that are executed. If a technical test step fails, the other test steps, which have been called by the technical test step, should be checked first. To examine a reported issue, the assertion messages should be compared with the service responses which are included in the report. If the response contains an exception report, the request should be checked for 'incorrect' parameters (i.e. non-existing IDs). The test step description should refer to a point, from where the information has been gathered (i.e. from a previous request where the ID was listed).

Please report any issues or problems [in GitHub](#).

Known limitations are documented in the description of the applicable test case or test assertion.

Source: [Conformance Class 'Pre-defined Atom'](#)

<b>Status</b>	Failed
<b>Duration</b>	1 min 26 s
<b>Version</b>	1.0.7

# Testovanie ukladacej služby - ATOM

## Report validácie

- Jednoduché zobrazenie reportu

**+ Describe Spatial Dataset operation** Simplified  Failed: 1 / 8

**- Query examples for each dataset**

The test case requests the OpenSearch Description document and checks if it provides a Describe Spatial Dataset and Get Spatial Dataset url. For each category CRS from the Describe Spatial Dataset response a Get Spatial Dataset request with the CRS, the provided inspire\_dls:spatial\_dataset\_identifier\_code and inspire\_dls:spatial\_dataset\_identifier\_namespace is invoked.

Relevant Requirements:

- TG Requirement 44: For each dataset available the OpenSearch description shall contain a 'Query' element that has a 'role' attribute with the value 'example' and 'spatial\_dataset\_identifier\_code' and 'spatial\_dataset\_identifier\_namespace' attributes together containing unique spatial dataset identifier. The value of the 'crs' and 'language' attributes shall be set to the values considered as the default ones by the service provider.

Source: [Abstract Test Case 'OpenSearch Description Query examples for each dataset'](#)

Status Failed  
Duration 35 s

**+ Get OpenSearch Description** 6

**- Iterate over Describe Spatial Dataset URL**

Status Failed  
Duration 0.177 s  
Dependency [Describe Spatial Dataset \(Passed\)](#)  
Dependency [Iterate over Get Spatial Dataset URL \(Passed\)](#)

**+ Describe Spatial Dataset** 4

**+ Iterate over Get Spatial Dataset URL**

**+ URI to itself** 2

**+ Generic search queries URL** 5



# Testovanie ukladacej služby - ATOM

## Report validácie

- Všetky detaily

Source: [Abstract Test Case 'OpenSearch Description Query examples for each dataset'](#)

Status Failed  
Duration 35 s  
Dependency [Get Spatial Dataset operation](#)  
Dependency [Describe Spatial Dataset operation](#)  
Dependency [Link to OpenSearch Description document](#)  
Test case ID EID34cb9ce5-899c-4f79-bfea-80166b6f6287

+ Get OpenSearch Description 6

- Iterate over Describe Spatial Dataset URL

Status Failed  
Started 30/09/2022 06:11:29 GMT  
Duration 0.177 s  
Test step ID EID9858617d-7532-45ec-b33e-dc2ca953dec2  
Test Step URI [Link](#)  
Dependency [Describe Spatial Dataset \(Passed\)](#)  
Dependency [Iterate over Get Spatial Dataset URL \(Passed\)](#)

**test instruction**

```
import de.interactive_instruments.xtf.*;
SOAPUI_I.init(log,context,testRunner);
```

**Attachments**

- [Message.2](#)
- [Message.1](#)

# Testovanie údajov (interoperability)

## Vstupy

- Vstup
  - Odkaz na ukladaciu službu (request GetFeature)
    - <https://maps.geocloud.sk/geoserver/af/wfs?service=WFS&version=2.0.0&request=GetFeature&COUNT=100&TYPENAMES=af:AF.Site>

# Testovanie údajov (interoperability)

## Nastavenie validácie

- **Select the INSPIRE resource you would like to test**
  - Data set
- **Select the data theme(s) relevant to the data set**
  - Annex
- **Provide a label for your test report (optional)**
  - Názov reportu pre lepšiu orientáciu vo výsledkoch
  - **!!! Názov bez diakritiky !!!**

### Configure your test

Select the INSPIRE resource you would like to test

- Metadata
- View Service
- Download Service
- Discovery Service
- Data set

Select the data theme(s) relevant to the data set

- You can select more than one theme at a time.
- If no theme is selected, the data set will be only tested against the Conformance Classes for general requirements.
- For data themes displayed in grey below, specific conformance classes are not yet available. Proceed without any selection to the Conformance Classes for general requirements.

Annex I	Annex II	Annex III
-	-	-

[Advanced options](#) ▾

**Provide a label for your test report** (optional)

Your test report will appear with the label below; edit the text if you wish to change it.

Test run on 20:13 - 16.11.2022 with test suite Annex III - Agricultural and aquaculture facilities (AF)

# Testovanie údajov (interoperability)

## Nastavenie validácie

### Configure your test

Select the INSPIRE resource you would like to test

- Metadata
- View Service
- Download Service
- Discovery Service
- Data set

Select the data theme(s) relevant to the data set

- You can select more than one theme at a time.
- If no theme is selected, the data set will be only tested against the Conformance Classes for general requirements.
- For data themes displayed in grey below, specific conformance classes are not yet available. Proceed without any selection to test the dataset against the Conformance Classes for general requirements.

Annex I	Annex II	Annex III
- ▾	- ▾	Agricultural and aquaculture facilities (AF) ▾

# Testovanie údajov (interoperability)

## Nastavenie validácie

Advanced options ^

### Select the conformance classes to be assessed for ANNEX III - Agricultural and aquaculture facilities (AF)

- Conformance Class 'INSPIRE GML encoding' ([source](#))
- Conformance Class 'INSPIRE GML application schemas' ([source](#))
- Conformance Class 'GML application schemas, Agricultural and Aquaculture Facilities' ([source](#))
- Conformance Class 'Application Schema, Agricultural and Aquaculture Facilities' ([source](#))
- Conformance Class 'Data consistency' ([source](#))
- Conformance Class 'Data consistency, Agricultural and Aquaculture Facilities' ([source](#))
- Conformance Class 'Information accessibility' ([source](#))
- Conformance Class 'Information accessibility, Agricultural and Aquaculture Facilities' ([source](#))
- Conformance Class 'Reference systems' ([source](#))
- Conformance Class 'Reference systems, Agricultural and Aquaculture Facilities' ([source](#))

# Testovanie údajov (interoperability)

## Spustenie validácie

- URL na GetFeature služby

### Provide the resource to test

**Select the input type and upload or link the resource**

Provide a URL to a remote XML/GML file or a ZIP file containing one or multiple XML/GML files, either from a request to an INSPIRE Spatial Data Service endpoint or a file repository. The download will be initiated after clicking on the 'Start' button. This download has a timeout of 120s.

Remote file 

Credentials 

**Provide a label for your test report** (optional)

Your test report will appear with the label below; edit the text if you wish to change it.

Start test >

# Testovanie údajov (interoperability)

## Priebeh validácie

- Trvanie od 10s do 30minút v závislosti od náročnosti testov a záťaže validátora

### Search options

#### Resource type

 ▼

#### Status

 ▼[Refine results](#)[Clear all](#)[Show All Test Reports](#)

### Interoperabilita\_Farmy\_report [RERUN]

---

**Started** 03:50 PM - 16.11.2022

**Status** RUNNING

**Test object** <http://staging-inspire-validator.eu-west-1.elasticbeanstalk.com/validator/v2/TestRuns/EID7a07f53e-12d6-4909-adf3-742d6eabf2ea.xml>

**Test suites**

- Conformance Class INSPIRE GML encoding
- Conformance Class Reference systems
- Conformance class: 'Reference systems, Agricultural and Aquaculture Facilities'
- Conformance Class Information accessibility
- Conformance class: 'Information accessibility, Agricultural and Aquaculture Facilities'
- Conformance Class Data consistency
- Conformance class: 'Data consistency, Agricultural and Aquaculture Facilities'
- Conformance Class INSPIRE GML application schemas
- Conformance class: 'GML application schemas, Agricultural and Aquaculture Facilities'
- Conformance class: 'Application Schema, Agricultural and Aquaculture Facilities'

[See report](#) [Log file](#) [Download report](#) [Delete report](#) [Re-run test](#)

# Testovanie údajov (interoperability)

## Výsledok validácie

- Dostupný na serveri v závislosti od množstva validácií
- Zobrazenie reportu cez See report
- Odporúčame stiahnuť cez Download report

The screenshot displays a web interface for test results. On the left, there is a 'Search options' section with a search input field, a 'Resource type' dropdown set to 'Any resource', and a 'Status' dropdown set to 'Any status'. Below these are buttons for 'Refine results' and 'Clear all'. On the right, a report card for 'Interoperabilita\_Farmy\_report [RERUN]' is shown with a red 'X' icon. The report details include: Started at 03:50 PM on 16.11.2022, Status is FAILED, and the Test object is a URL. The Test suites section lists several conformance classes. At the bottom of the report card, there are five buttons: 'See report' (highlighted with a red box), 'Log file', 'Download report' (highlighted with a red box), 'Delete report', and 'Re-run test'. A 'Show All Test Reports' button is located at the top right of the interface.



# Testovanie údajov (interoperability)

Report validácie

[https://drive.google.com/file/d/1QxXHNEzeHXU\\_cPAcmAS16qw\\_b38y\\_UjD/view?usp=share\\_link](https://drive.google.com/file/d/1QxXHNEzeHXU_cPAcmAS16qw_b38y_UjD/view?usp=share_link)

## INSPIRE Validator - Test reports

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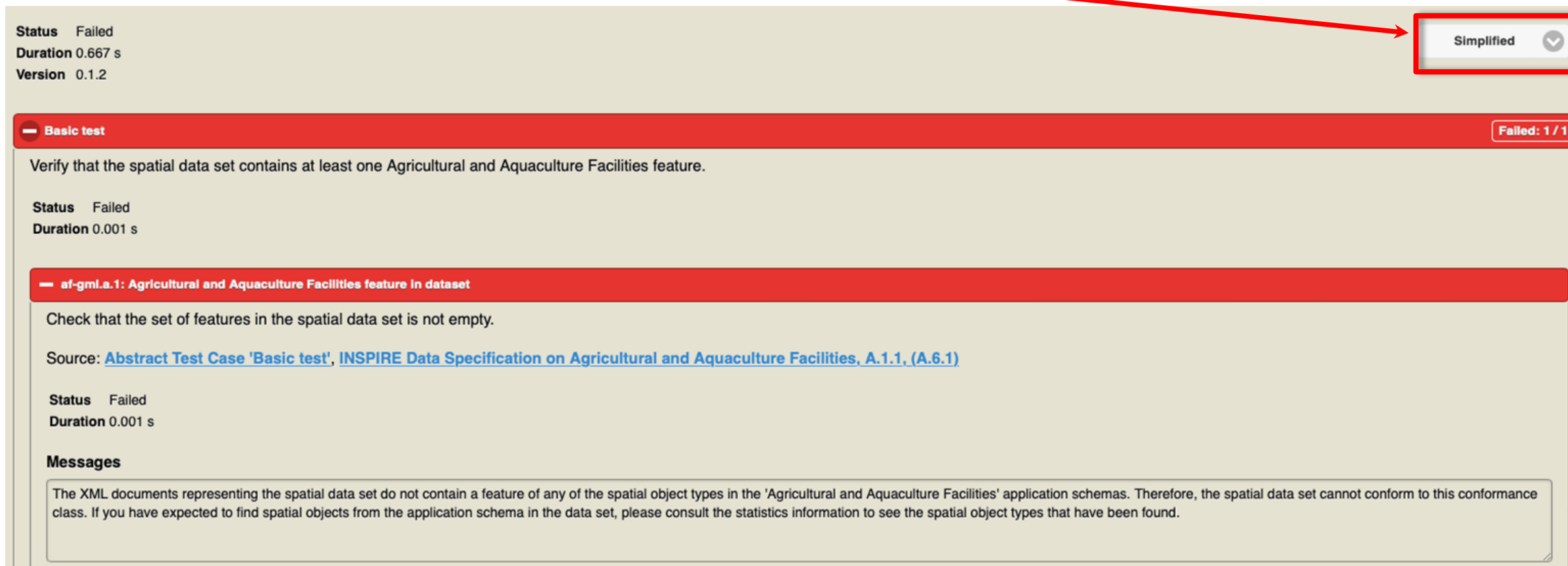
<p>Status Failed</p> <p>Started 16/11/2022 15:15:44 GMT</p> <p>Duration 5 s</p>	<table style="margin: auto; border-collapse: collapse;"> <thead> <tr> <th></th> <th>Total</th> <th>Count</th> <th>Skipped</th> <th>Failed</th> <th>Warnings</th> <th>Manual</th> </tr> </thead> <tbody> <tr> <td>Test suites</td> <td>10</td> <td>0</td> <td>1</td> <td>0</td> <td>3</td> <td></td> </tr> <tr> <td>Test cases</td> <td>20</td> <td>0</td> <td>1</td> <td>0</td> <td>3</td> <td></td> </tr> <tr> <td>Assertions</td> <td>45</td> <td>0</td> <td>1</td> <td>0</td> <td>6</td> <td></td> </tr> </tbody> </table>		Total	Count	Skipped	Failed	Warnings	Manual	Test suites	10	0	1	0	3		Test cases	20	0	1	0	3		Assertions	45	0	1	0	6		<p>Show</p> <p><input checked="" type="radio"/> All</p> <p><input type="radio"/> Only failed</p> <p><input type="radio"/> Only manual</p>	<p>Level of detail</p> <p><input type="radio"/> All details</p> <p><input type="radio"/> Less information</p> <p><input checked="" type="radio"/> Simplified</p>
	Total	Count	Skipped	Failed	Warnings	Manual																									
Test suites	10	0	1	0	3																										
Test cases	20	0	1	0	3																										
Assertions	45	0	1	0	6																										

- + Conformance class: INSPIRE GML encoding
1
- + Conformance class: Reference systems, General requirements
2
- + Conformance class: Reference systems, Agricultural and Aquaculture Facilities
1
- + Conformance class: Information accessibility, General requirements
1
- + Conformance class: Information accessibility, Agricultural and Aquaculture Facilities
1
- + Conformance class: Data consistency, General requirements
2
- + Conformance class: Data consistency, Agricultural and Aquaculture Facilities
1
- + Conformance class: INSPIRE GML application schemas, General requirements
6
- + Conformance class: GML application schemas, Agricultural and Aquaculture Facilities
Failed: 1 / 2

# Testovanie údajov (interoperability)

## Report validácie

- Jednoduché zobrazenie reportu



**Status** Failed  
**Duration** 0.667 s  
**Version** 0.1.2

**Basic test** Failed: 1 / 1

Verify that the spatial data set contains at least one Agricultural and Aquaculture Facilities feature.

**Status** Failed  
**Duration** 0.001 s

**af-gml.a.1: Agricultural and Aquaculture Facilities feature in dataset**

Check that the set of features in the spatial data set is not empty.

Source: [Abstract Test Case 'Basic test'](#), [INSPIRE Data Specification on Agricultural and Aquaculture Facilities, A.1.1, \(A.6.1\)](#)

**Status** Failed  
**Duration** 0.001 s

**Messages**

The XML documents representing the spatial data set do not contain a feature of any of the spatial object types in the 'Agricultural and Aquaculture Facilities' application schemas. Therefore, the spatial data set cannot conform to this conformance class. If you have expected to find spatial objects from the application schema in the data set, please consult the statistics information to see the spatial object types that have been found.

# Testovanie údajov (interoperability)

## Report validácie

- Všetky detaily

af-gml.a.1: Agricultural and Aquaculture Facilities feature In dataset

Check that the set of features in the spatial data set is not empty.

Source: [Abstract Test Case 'Basic test'](#), [INSPIRE Data Specification on Agricultural and Aquaculture Facilities, A.1.1, \(A.6.1\)](#)

Status Failed  
Duration 0.001 s  
Assertion ID EIDaf194554-8e3a-44b0-93fc-faef659cf99c  
Assertion URI [Link](#)

**Expression:**

```
let $featuresFromAppSchema := $features[self::af:Holding | self::af:Site]
```

**Messages**

The XML documents representing the spatial data set do not contain a feature of any of the spatial object types in the 'Agricultural and Aquaculture Facilities' application schemas. Therefore, the spatial data set cannot conform to this conformance class. If you have expected to find spatial objects from the application schema in the data set, please consult the statistics information to see the spatial object types that have been found.

+ Validation against INSPIRE official schema 1

# Testovanie údajov (interoperability)

## Vstupy

- Vstup
  - Odkaz na ukladaciu službu (request GetFeature)
    - <https://maps.geocloud.sk/geoserver/mr/ows?service=WFS&version=2.0.0&request=GetFeature&COUNT=100&TYPENAMES=mr:MineralOccurrence>

# Testovanie údajov (interoperability)

## Nastavenie validácie

- **Select the INSPIRE resource you would like to test**
  - Data set
- **Select the data theme(s) relevant to the data set**
  - Annex
- **Provide a label for your test report (optional)**
  - Názov reportu pre lepšiu orientáciu vo výsledkoch
  - **!!! Názov bez diakritiky !!!**

### Provide a label for your test report (optional)

Your test report will appear with the label below; edit the text if you wish to change it.

Test run on 14:21 - 16.11.2022 with test suite Annex III - Mineral Resources (MR)

### Configure your test

Select the INSPIRE resource you would like to test

- Metadata
- View Service
- Download Service
- Discovery Service
- Data set

Select the data theme(s) relevant to the data set

- You can select more than one theme at a time.
- If no theme is selected, the data set will be only tested against the Conformance Classes for general requirements.
- For data themes displayed in grey below, specific conformance classes are not yet available. Proceed without any selection to the Conformance Classes for general requirements.

Annex I	Annex II	Annex III
-	-	-

[Advanced options](#) ▾

# Testovanie údajov (interoperability)

## Nastavenie validácie

### Configure your test

Select the INSPIRE resource you would like to test

- Metadata
- View Service
- Download Service
- Discovery Service
- Data set

Select the data theme(s) relevant to the data set

- You can select more than one theme at a time.
- If no theme is selected, the data set will be only tested against the Conformance Classes for general requirements.
- For data themes displayed in grey below, specific conformance classes are not yet available. Proceed without any selection to test the dataset against the Conformance Classes for general requirements.

Annex I	Annex II	Annex III
-	-	Mineral Resources (MR)

# Testovanie údajov (interoperability)

## Nastavenie validácie

Advanced options ^

### Select the conformance classes to be assessed for ANNEX III - Mineral Resources (MR)

- Conformance Class 'INSPIRE GML encoding' ([source](#))
- Conformance Class 'INSPIRE GML application schemas' ([source](#))
- Conformance class: 'GML application schemas, Mineral Resources' ([source](#))
- Conformance class: 'Application schema, Mineral Resources' ([source](#))
- Conformance Class 'Data consistency' ([source](#))
- Conformance Class 'Data consistency, Mineral Resources' ([source](#))
- Conformance Class 'Information accessibility' ([source](#))
- Conformance class: 'Information accessibility, Mineral Resources' ([source](#))
- Conformance Class 'Reference systems' ([source](#))
- Conformance Class 'Reference systems, Mineral Resources' ([source](#))

# Testovanie údajov (interoperability)

## Spustenie validácie

- URL na GetFeature služby

### Provide the resource to test

#### Select the input type and upload or link the resource

Provide a URL to a remote XML/GML file or a ZIP file containing one or multiple XML/GML files, either from a request to an INSPIRE Spatial Data Service endpoint or a file repository. The download will be initiated after clicking on the 'Start' button. This download has a timeout of 120s.

Remote file



<https://maps.geocloud.sk/geoserver/mr/ows?service=WFS&version=2.0.0&>

Credentials

#### Provide a label for your test report (optional)

Your test report will appear with the label below; edit the text if you wish to change it.

Interpoerabilita\_VyskytNerastov\_report

Start test >



# Testovanie údajov (interoperability)

Priebeh validácie

- Trvanie od 10s do 30minút v závislosti od náročnosti testov a záťaže validátora

## Search options

### Resource type

 ▼

### Status

 ▼

Refine results

Clear all

Show All Test Reports



## Interpoerabilita\_VyskytNerastov\_report

**Started** 2:23 PM - 16.11.2022

**Status** RUNNING

**Test object** <http://staging-inspire-validator.eu-west-1.elasticbeanstalk.com/validator/v2/TestRuns/EID62969402-6f43-48a7-8035-b4f4d98439b4.xml>

**Test suites**

- Conformance Class INSPIRE GML encoding
- Conformance Class Reference systems
- Conformance Class 'Reference systems, Mineral Resources'
- Conformance Class Information accessibility
- Conformance class: 'Information accessibility, Mineral Resources'
- Conformance Class Data consistency
- Conformance Class 'Data consistency, Mineral Resources'
- Conformance Class INSPIRE GML application schemas
- Conformance class: 'GML application schemas, Mineral Resources'
- Conformance class: 'Application schema, Mineral Resources'

See report ↕

Log file 📄

Download report ↓

Delete report ✕

Re-run test ↻

# Testovanie údajov (interoperability)

## Výsledok validácie

- Dostupný na serveri v závislosti od množstva validácii
- Zobrazenie reportu cez See report
- Odporúčame stiahnuť cez Download report


### Search options

#### Resource type

 ▼

#### Status

 ▼[Refine results](#)[Clear all](#)[Show All Test Reports](#)

 **Interpoerabilita\_VyskytNerastov\_report**

---

**Started** 2:23 PM - 16.11.2022

**Status** PASSED\_MANUAL

**Test object** <http://staging-inspire-validator.eu-west-1.elasticbeanstalk.com/validator/v2/TestRuns/EID62969402-6f43-48a7-8035-b4f4d98439b4.xml>

**Test suites**

- Conformance Class INSPIRE GML encoding
- Conformance Class Reference systems
- Conformance Class 'Reference systems, Mineral Resources'
- Conformance Class Information accessibility
- Conformance class: 'Information accessibility, Mineral Resources'
- Conformance Class Data consistency
- Conformance Class 'Data consistency, Mineral Resources'
- Conformance Class INSPIRE GML application schemas
- Conformance class: 'GML application schemas, Mineral Resources'
- Conformance class: 'Application schema, Mineral Resources'

[See report ↗](#) [Log file ↗](#) [Download report ↓](#) [Delete report ⊗](#) [Re-run test ↻](#)

# Testovanie údajov (interoperability)

Report validácie

[https://drive.google.com/file/d/1IQ11jnWICGg73yhor2V5SPBxKpERr\\_nE/view?usp=share\\_link](https://drive.google.com/file/d/1IQ11jnWICGg73yhor2V5SPBxKpERr_nE/view?usp=share_link)

## INSPIRE Validator - Test reports

Home
Test selection
Test reports
Get support ▾
More on the INSPIRE Reference Validator ▾

**Status** Passed, manual checks required

**Started** 16/11/2022 14:23:45 GMT

**Duration** 6 s

	Total	Count	Skipped	Failed	Warnings	Manual
Test suites	10	0	0	0	0	2
Test cases	20	0	0	0	0	2
Assertions	64	0	0	0	0	4

**Show**

 All  
 Only failed  
 Only manual

**Level of detail**

 All details  
 Less information  
 Simplified

- + Conformance class: INSPIRE GML encoding
1
- + Conformance class: Reference systems, General requirements
2
- + Conformance class: Reference systems, Mineral Resources
1
- + Conformance class: Information accessibility, General requirements
1
- + Conformance class: Information accessibility, Mineral Resources
2
- + Conformance class: Data consistency, General requirements
2
- + Conformance class: Data consistency, Mineral Resources
1

# Testovanie údajov (interoperability)

## Report validácie

- Jednoduché zobrazenie reportu

Status Passed, manual checks required

Duration 2.719 s

Version 0.2.8

Simplified

### Schema

2

Verify whether each relevant element of the dataset under inspection carries a name specified in the target application schema.

Status Passed, manual checks required

Duration 0.001 s

#### + gmlas.a.1: Mapping of source data to INSPIRE

#### - gmlas.a.2: Modelling of additional spatial object types

Inspect the XML Schema namespace of each feature element. If a namespace URI does not start with "http://inspire.ec.europa.eu/schemas/" or "urn:x-inspire:specification:gmlas:" it is not one of the approved INSPIRE application schema namespaces. Review the extension documentation for the identified namespaces to check that any extensions do not overlap with the spatial object types and associated data types and enumerations that are defined in Annexes II, III and IV of the Implementing Rule.

Relevant requirements:

- Article 4(1) - For the exchange and classification of spatial objects from data sets meeting the conditions laid down in Article 4 of Directive 2007/2/EC, Member States shall use the spatial object types and associated data types, enumerations and code lists that are defined in Annexes II, III and IV for the themes the data sets relate to.

Source: [Abstract Test Case 'Schema'](#), [INSPIRE Data Specification Template, A.1.1](#)

Status Passed, manual checks required

Duration 0.001 s

# Testovanie prelinkovania (linkage checker)

- Nástroj, ktorý napodobňuje harvestovanie EG
- Kontroluje prepojenie popísaného datasetu a sieťových služieb

🇸🇰 🇨🇪 257 | 📄 164 | 👁 167

Filter results by: ▾

Properties:

📄 Downloadable

👁 Viewable

---

Spatial scope coverage:

🇸🇰 National

📍 Regional

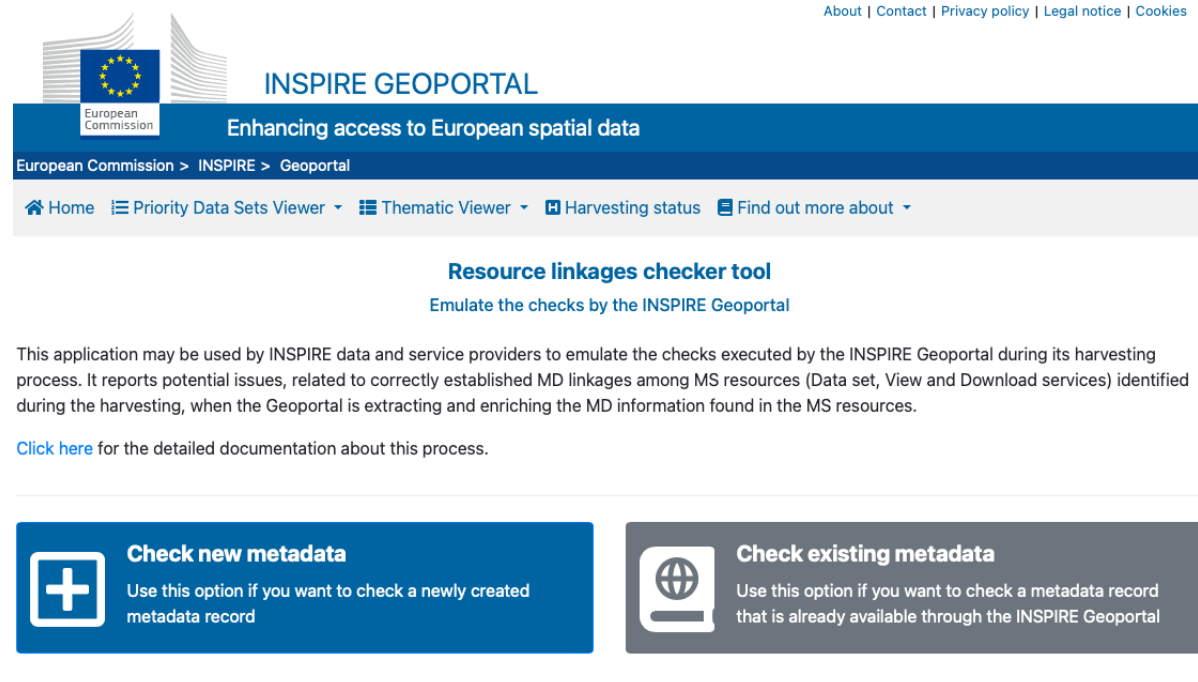
Other

✖ Reset

Title	Show dataset titles in:	Properties
<input type="text" value="Search title"/>	original MD language ▾	
🇸🇰 Základné povodia M 1 : 50 000		📄 📄 👁
🇸🇰 Podrobné povodia M 1 : 50 000		📄 📄 👁
🇸🇰 Geologická mapa SR M 1:1 000 000		📄 📄 👁 🇸🇰
🇸🇰 Tektonická mapa SR M 1:500 000		📄 📄 👁 🇸🇰
🇸🇰 Skládky TKO SR M 1:50 000 - register Geofondu		📄 📄 👁 🇸🇰
🇸🇰 Metalogenetická mapa SR M 1:500 000		📄 📄 👁 🇸🇰
🇸🇰 Svahové deformácie SR M 1:50 000 - register Geofondu		📄 📄 👁 🇸🇰
🇸🇰 Nerastné suroviny SR M 1 : 500 000		📄 📄 👁 🇸🇰
🇸🇰 Hlavné povodia M 1 : 50 000		📄 📄 👁
🇸🇰 Čiastkové povodia M 1 : 50 000		📄 📄 👁
<b>Title</b>		<b>Properties</b>

# Testovanie prelinkovania (linkage checker)

- Resource linkages checker tool
  - <https://inspire-geoportal.ec.europa.eu/linkagechecker.html>




The screenshot shows the top part of the INSPIRE Geoportal website. At the top right, there are links for 'About | Contact | Privacy policy | Legal notice | Cookies'. The main header features the European Commission logo and the text 'INSPIRE GEOPORTAL' and 'Enhancing access to European spatial data'. Below the header is a navigation menu with 'Home', 'Priority Data Sets Viewer', 'Thematic Viewer', 'Harvesting status', and 'Find out more about'. The main content area is titled 'Resource linkages checker tool' and includes a sub-heading 'Emulate the checks by the INSPIRE Geoportal'. A paragraph explains that the application is used to emulate checks during the harvesting process. A link 'Click here' points to detailed documentation. At the bottom, there are two buttons: 'Check new metadata' (with a plus icon) and 'Check existing metadata' (with a globe icon).


For security reasons, HTTP resources using ports other than 80 and 443 cannot be contacted.

**DISCLAIMER:** This web application is used in the context of supporting MS data providers with publishing their resources (Data Sets / Services) in the INSPIRE Geoportal. It cannot be considered as a full INSPIRE compliance test. For checking the compliance with INSPIRE Technical Guidelines, only the [INSPIRE Reference Validator](#) should be used. If inconsistencies found between the checks performed by the INSPIRE Geoportal and the Reference Validator, [please report them here](#).

# Testovanie prelinkovania (linkage checker)

- Check existing metadata





**Check new metadata**  
Use this option if you want to check a newly created metadata record

**Check existing metadata**  
Use this option if you want to check a metadata record that is already available through the INSPIRE Geoportal

---

### Data (Set or Series) metadata





Select the input type and paste your content inside the text area:

 URL to INSPIRE metadata	<div style="border: 1px solid #ccc; height: 100px;"></div>
 INSPIRE metadata XML content	
 FileIdentifier (ISO 19139) 	

---

### View Service metadata





Select the input type and paste your content inside the text area:

 URL to INSPIRE metadata	<div style="border: 1px solid #ccc; height: 100px;"></div>
 INSPIRE metadata XML content	
 FileIdentifier (ISO 19139) 	

---

### Download Service metadata

Select the input type and paste your content inside the text area:

 URL to INSPIRE metadata	<div style="border: 1px solid #ccc; height: 100px;"></div>
 INSPIRE metadata XML content	
 FileIdentifier (ISO 19139) 	

# Testovanie prelinkovania (linkage checker)

## Vstupy

- Vstup
  - INSPIRE - Poľnohospodárske zariadenia - Miesto (Farmy)
    - Metazáznam pre súbor priestorových údajov
      - [https://rpi.gov.sk/rpi\\_csw/service.svc/get?request=GetRecordById&service=CSW&version=2.0.2&elementSetName=full&Id=https://data.gov.sk/set/rpi/gmd/42181810/B33B4F7FC61F1ABCE0530210000AC379&outputschema=http://www.isotc211.org/2005/gmd](https://rpi.gov.sk/rpi_csw/service.svc/get?request=GetRecordById&service=CSW&version=2.0.2&elementSetName=full&Id=https://data.gov.sk/set/rpi/gmd/42181810/B33B4F7FC61F1ABCE0530210000AC379&outputschema=http://www.isotc211.org/2005/gmd)
    - Metazáznam zobrazovacej služby
      - [https://rpi.gov.sk/rpi\\_csw/service.svc/get?request=GetRecordById&service=CSW&version=2.0.2&elementSetName=full&outputschema=http://www.isotc211.org/2005/gmd&Id=https://data.gov.sk/set/rpi/gmd/42181810/B33B4F7FC6201ABCE0530210000AC379](https://rpi.gov.sk/rpi_csw/service.svc/get?request=GetRecordById&service=CSW&version=2.0.2&elementSetName=full&outputschema=http://www.isotc211.org/2005/gmd&Id=https://data.gov.sk/set/rpi/gmd/42181810/B33B4F7FC6201ABCE0530210000AC379)
    - Metazáznam ukladacej služby
      - [https://rpi.gov.sk/rpi\\_csw/service.svc/get?request=GetRecordById&service=CSW&version=2.0.2&elementSetName=full&outputschema=http://www.isotc211.org/2005/gmd&Id=https://data.gov.sk/set/rpi/gmd/42181810/B33B4F7FC6211ABCE0530210000AC379](https://rpi.gov.sk/rpi_csw/service.svc/get?request=GetRecordById&service=CSW&version=2.0.2&elementSetName=full&outputschema=http://www.isotc211.org/2005/gmd&Id=https://data.gov.sk/set/rpi/gmd/42181810/B33B4F7FC6211ABCE0530210000AC379)



# Testovanie prelinkovania (linkage checker)

## Vstupy

- Potrebne kliknúť na tlačidla „URL to INSPIRE metadata“

### Data (Set or Series) metadata

Select the input type and paste your content inside the text area:

<a href="#">URL to INSPIRE metadata</a>	<pre>https://rpi.gov.sk/rpi_csw/service.svc/get? request=GetRecordById&amp;service=CSW&amp;version=2.0.2&amp;elementSetName=full&amp;id=https://data.gov v.sk/set/rpi/gmd/42181810/B33B4F7FC61F1ABCE0530210000AC379&amp;outputschema=http://ww w.isotc211.org/2005/gmd</pre>
<a href="#">INSPIRE metadata XML content</a>	
<a href="#">FileIdentifier (ISO 19139)</a>	

### View Service metadata

Select the input type and paste your content inside the text area:

<a href="#">URL to INSPIRE metadata</a>	<pre>https://rpi.gov.sk/rpi_csw/service.svc/get? request=GetRecordById&amp;service=CSW&amp;version=2.0.2&amp;elementSetName=full&amp;outputschema=ht tp://www.isotc211.org/2005/gmd&amp;id=https://data.gov.sk/set/rpi/gmd/42181810/B33B4F7FC6201A BCE0530210000AC379</pre>
<a href="#">INSPIRE metadata XML content</a>	
<a href="#">FileIdentifier (ISO 19139)</a>	

### Download Service metadata

Select the input type and paste your content inside the text area:

<a href="#">URL to INSPIRE metadata</a>	<pre>https://rpi.gov.sk/rpi_csw/service.svc/get? request=GetRecordById&amp;service=CSW&amp;version=2.0.2&amp;elementSetName=full&amp;outputschema=ht tp://www.isotc211.org/2005/gmd&amp;id=https://data.gov.sk/set/rpi/gmd/42181810/B33B4F7FC6211A BCE0530210000AC379</pre>
<a href="#">INSPIRE metadata XML content</a>	
<a href="#">FileIdentifier (ISO 19139)</a>	

✓ Check Resources

# Testovanie prelinkovania (linkage checker)

## Testovanie

### Data (Set or Series) metadata

Select the input type and paste your content inside the text area:

 URL to INSPIRE metadata

 INSPIRE metadata XML content

 FileIdentifier (ISO 19139) 

```
https://rpi.gov.sk/rpi_csw/service.svc/get?
request=GetRecordById&service=CSW&version=2.0.2&elementSetName=full&Id=https://data
.gov.sk/set/rpi/gmd/42181810/B33B4F7FC61F1ABCE0530210000AC379&outputschema=http
://www.isotc211.org/2005/gmd
```

### View Service metadata

Select the input type and paste your content inside the text area:

 URL to INSPIRE metadata

 INSPIRE metadata XML content

 FileIdentifier (ISO 19139) 

```
https://rpi.gov.sk/rpi_csw/service.svc/get?
request=GetRecordById&service=CSW&version=2.0.2&elementSetName=full&outputschema
=http://www.isotc211.org/2005/gmd&Id=https://data.gov.sk/set/rpi/gmd/42181810/B33B4F7F
C6201ABCE0530210000AC379
```

### Download Service metadata

Select the input type and paste your content inside the text area:

 URL to INSPIRE metadata

 INSPIRE metadata XML content

 FileIdentifier (ISO 19139) 

```
https://rpi.gov.sk/rpi_csw/service.svc/get?
request=GetRecordById&service=CSW&version=2.0.2&elementSetName=full&outputschema
=http://www.isotc211.org/2005/gmd&Id=https://data.gov.sk/set/rpi/gmd/42181810/B33B4F7F
C6211ABCE0530210000AC379
```



The system is handling your request. Please wait...



 Check Resources

# Testovanie prelinkovania (linkage checker)

## Výsledok

### Linkage check results

#### Linkage overview

View Service linkage



Download Service linkage



#### Main linkage aspects

Linkage Aspect	Result
Data Set metadata contains Unique Resource Identifier	<input checked="" type="checkbox"/>
Data Set metadata contains INSPIRE Spatial Data Theme	<input checked="" type="checkbox"/>
The View Service has been contacted	<input checked="" type="checkbox"/>
Linkage has been established between the View Service and Data Set	<input checked="" type="checkbox"/>
The Download Service has been contacted	<input checked="" type="checkbox"/>
Linkage has been established between the Download Service and Data Set	<input checked="" type="checkbox"/>
A Download link has been determined <a href="#">?</a>	<input type="checkbox"/>

#### Linkage aspects related to the INSPIRE Geoportal

Linkage Aspect	Result
Data Set metadata exists in the INSPIRE Geoportal	<input checked="" type="checkbox"/>
View Service metadata exists in the INSPIRE Geoportal	<input checked="" type="checkbox"/>
Download Service metadata exists in the INSPIRE Geoportal	<input checked="" type="checkbox"/>

[View the Evaluation report](#)

[Launch another check](#)

# Testovanie prelinkovania (linkage checker)

## Výsledok – Evaluation report

[https://drive.google.com/file/d/11kDMMvvo7BMbIW4UNTTbP6mUpyweQt4n/view?usp=share\\_link](https://drive.google.com/file/d/11kDMMvvo7BMbIW4UNTTbP6mUpyweQt4n/view?usp=share_link)

```
{
  "@processingComplete": "true",
  "PullBatchReportResource": {
    "FoundResourcesCount": "3",
    "SourceValidationFailedCount": "0",
    "InspireValidationFailedCount": "1",
    "InspireValidationWarningCount": "0",
    "PerResourceTypeCounts": {
      "ResourceCount": [
        {
          "@resourceType": "dataset",
          "FoundResourcesCount": "1",
          "InspireValidationFailedCount": "1",
          "InspireValidationWarningCount": "0",
          "CompletenessIndicator": "94.44444444444444",
          "InteroperabilityIndicator": "0.0"
        },
        {
          "@resourceType": "series",
          "FoundResourcesCount": "0",
          "InspireValidationFailedCount": "0",
          "InspireValidationWarningCount": "0",
          "CompletenessIndicator": "0.0",
          "InteroperabilityIndicator": "0.0"
        },
        {
          "@resourceType": "service",
          "FoundResourcesCount": "2",
          "InspireValidationFailedCount": "0",
          "InspireValidationWarningCount": "0",
          "CompletenessIndicator": "100.0",
          "InteroperabilityIndicator": "50.0"
        },
        {
          "@resourceType": "layer",
          "FoundResourcesCount": "0",
          "InspireValidationFailedCount": "0",
          "InspireValidationWarningCount": "0",
          "CompletenessIndicator": "0.0",
          "InteroperabilityIndicator": "0.0"
        },
        {
          "@resourceType": "downloadservicedataset",
          "FoundResourcesCount": "0",
          "InspireValidationFailedCount": "0",
          "InspireValidationWarningCount": "0",
          "CompletenessIndicator": "0.0",
          "InteroperabilityIndicator": "0.0"
        },
        {
          "@resourceType": "report",
          "FoundResourcesCount": "0",
          "InspireValidationFailedCount": "0",
          "InspireValidationWarningCount": "0",
          "CompletenessIndicator": "0.0",
          "InteroperabilityIndicator": "0.0"
        }
      ]
    }
  },
  "URL": "download/services/1",
  "MediaType": "application/vnd.europa.ec.inspire.geoportal.resource.service+xml",
  "LinkDescription": {
    "@metadataLanguage": "slo",
    "$": "INSPIRE – Poľnohospodárske zariadenia – Miesto (Farmy) – Układacia služba (Ministerstvo Životného prostredia Slovensk...)"
  }
},
  "CompletenessIndicator": "98.14814814814815",
  "InteroperabilityIndicator": "33.333333333333336",
  "ResourceLinkageAssessment": {
    "VerifiedResourceLinkageAspect": [
      {
        "ResourceLinkageAspect": "DATASET_METADATA_CONTAINS_UNIQUE_RESOURCE_IDENTIFIER"
      },
      {
        "ResourceLinkageAspect": "DATASET_METADATA_CONTAINS_INSPIRE_SPATIAL_DATA_THEME"
      },
      {
        "ResourceLinkageAspect": "VIEW_SERVICE_HAS_BEEN_CONTACTED"
      },
      {
        "ResourceLinkageAspect": "DOWNLOAD_SERVICE_HAS_BEEN_CONTACTED"
      },
      {
        "ResourceLinkageAspect": "LINKAGE_FROM_VIEW_SERVICE_TO_DATASET_HAS_BEEN_FOUND"
      },
      {
        "ResourceLinkageAspect": "LINKAGE_FROM_DOWNLOAD_SERVICE_TO_DATASET_HAS_BEEN_FOUND"
      },
      {
        "ResourceLinkageAspect": {
          "@onlinePresenceCheck": "true",
          "$": "DATASET_METADATA_EXISTS_IN_INSPIRE_GEOPORTAL"
        }
      },
      {
        "ResourceLinkageAspect": {
          "@onlinePresenceCheck": "true",
          "$": "VIEW_SERVICE_METADATA_EXISTS_IN_INSPIRE_GEOPORTAL"
        }
      },
      {
        "ResourceLinkageAspect": {
          "@onlinePresenceCheck": "true",
          "$": "DOWNLOAD_SERVICE_METADATA_EXISTS_IN_INSPIRE_GEOPORTAL"
        }
      }
    ],
    "MissingResourceLinkageAspect": {
      "ResourceLinkageAspect": "DOWNLOAD_LINK_HAS_BEEN_DETERMINED",
      "Reason": "The INSPIRE Geoportal could find a linked Data Set in the Download Service but was unable to build a download link"
    }
  }
}
```

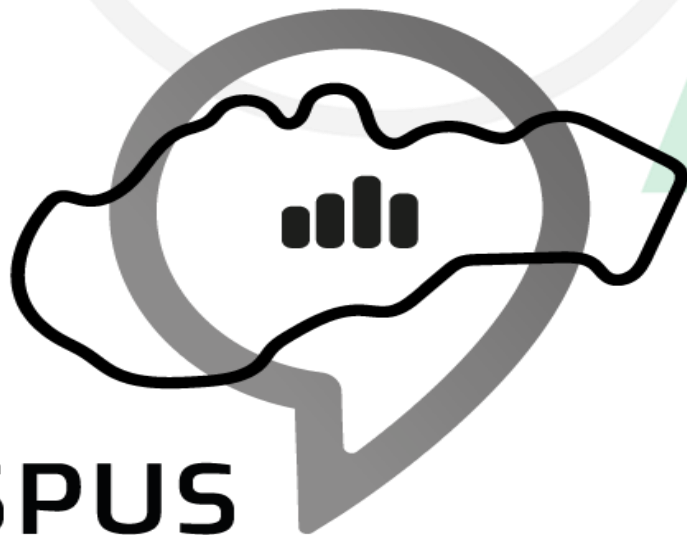


**ESPUS**

Efektívna správa priestorových údajov a služieb

**Ďakujem za pozornosť!**

# ESPUS



## ESPUS

Efektívna správa priestorových údajov a služieb

<https://inspire.gov.sk/projekty/espus>