

# eduGAIN Connectivity Check Service 2

ECCS2

## EduGAIN Connectivity Check Service comparison table (ECCS vs ECCS2)



| ECCS  | ECCS2                           |
|---|---------------------------------|
| History of results: 2 days  | History of results: 7 days      |
| PHP + AngularJS (GUI) +<br>PhantomJS (developments suspended on 2018) | Python 3.8 + Selenium WebDriver |
| 2 HTML Tables + Column filters  | 1 Datatables + Column filters   |
| SSL Check: NO   | SSL Check: YES                  |

# EduGAIN Connectivity Check Service comparison table (ECCS vs ECCS2)



| ECCS  | ECCS2   |
|---|---|
| <p>Statuses:<br/>OK<br/>TCP/IP-Error<br/>FORM-Invalid<br/>No-eduGAIN-Metadata<br/>HTTP-Error<br/>Disabled</p> | <p>Statuses:<br/>OK<br/>ERROR<br/>DISABLED</p>  |
| <p>Database needed? Yes</p>   | <p>Database needed? No (text files only)</p>  |
| <p>Check disabled by database query</p>   | <p>Check disabled by “robots.txt” on IdPs<br/>+ python dictionaries on ECCS2 server</p> |

## EduGAIN Connectivity Check Service comparison table (ECCS vs ECCS2)



| ECCS  | ECCS2  |
|---|--|
| GUI API driven: NO  | <b>GUI API driven: YES</b>   |
| Federation Statistics: YES  | <b>Federation Statistics: YES</b>  |
| API: JSON Interface   | <b>API: JSON Interface + User Interface</b>  |
| Repository: <a href="https://bitbucket.software.geant.org/">https://bitbucket.software.geant.org/</a> | <b>Repository: <a href="https://gitlab.geant.org/">https://gitlab.geant.org/</a></b> |

## EduGAIN Connectivity Check Service 2 - Checks Results table



| <b>RESULTS</b>             | <b>REASON</b>  |
|----------------------------|--|
| <i>OK</i>                  | IdPs that correctly consumes eduGAIN metadata and return a valid login page  |
| <i>Timeout</i>             | IdPs that do not load a valid login page within 60 seconds   |
| <i>Invalid-Form</i>        | IdPs that do not load a valid login page and do not return messages like "No return endpoint available for relying party" or "No metadata found for relying party" |
| <i>No-eduGAIN-Metadata</i> | IdPs that return messages like "No return endpoint available for relying party" or "No metadata found for relying party"   |
| <i>SSL-Error</i>           | IdPs that have a problem with their SSL certificate  |
| <i>DISABLED</i>            | IdPs that is not checked by ECCS2 for a reason   |

## eduGAIN Connectivity Check Service 2 - JSON interface



| Action Name (JSON)  | Parameter Name (JSON) | Parameter description   | Example   |
|---|-----------------------|---|---|
| <ul style="list-style-type: none"><li>• <code>eccsrresults</code></li><li>• <code>fedstats</code></li></ul> | <code>date</code>     | Returns all the eduGAIN Connectivity Check service results for a specific date.   | <code>date=2020-02-20</code>                            |
| <ul style="list-style-type: none"><li>• <code>eccsrresults</code></li><li>• <code>fedstats</code></li></ul> | <code>reg_auth</code> | Returns all the eduGAIN Connectivity Check service results for a specific Registration Authority.   | <code>reg_auth=https://reg.auth.example.org</code>      |
| <ul style="list-style-type: none"><li>• <code>eccsrresults</code></li></ul>                                 | <code>idp</code>      | Return the eduGAIN Connectivity Check service result for a specific IdP by its entityID.  | <code>idp=https://idp.example.org/idp/shibboleth</code> |
| <ul style="list-style-type: none"><li>• <code>eccsrresults</code></li></ul>                                 | <code>status</code>   | Returns all the eduGAIN Connectivity Check service results for a specific status: <ul style="list-style-type: none"><li>• OK</li><li>• ERROR</li><li>• DISABLED</li></ul> | <code>status=ERROR</code>                               |

## eduGAIN Connectivity Check Service 2 - JSON interface



```
[
{
  "contacts": {
    "support": "",
    "technical": "help.linux@unimi.it"
  },
  "date": "2020-11-24",
  "displayName": "Universita' degli Studi di Milano",
  "entityID": "https://idp.unimi.it/idp/shibboleth",
  "registrationAuthority": "http://www.idem.garr.it/",
  "sp1": {
    "checkTime": "2020-11-24T05:00:04Z",
    "result": "Invalid-Form",
    "httpCode": "200",
    "wayflessUrl": "https://sp24-test.garr.it/Shibboleth.sso/Login?entityID=https://idp.unimi.it/idp/shibboleth"
  },
  "sp2": {
    "checkTime": "2020-11-24T05:00:12Z",
    "result": "Invalid-Form",
    "httpCode": "200",
    "wayflessUrl": "https://attribute-viewer.aai.switch.ch/Shibboleth.sso/Login?entityID=https://idp.unimi.it/idp/shibboleth"
  },
  "status": "ERROR"
},
]
```

| Parameter Name | Description                            | Example                                    |
|----------------|--|--|
| date           | Show results by Date                   | date=2020-02-20                            |
| idp            | Show results by IdP                    | idp=https://idp.example.org/idp/shibboleth |
| reg_auth       | Show results by Registration Authority | reg_auth=https://reg.auth.example.org      |
| status         | Show results by Status                 | status=ERROR                               |



# eduGAIN Connectivity Check Service 2:

## <https://technical-test.edugain.org/eccs2>



[https://technical-test.edugain.org/eccs2?reg\\_auth=http://www.idem.garr.it/&status=ERROR](https://technical-test.edugain.org/eccs2?reg_auth=http://www.idem.garr.it/&status=ERROR)

Show IdPs with status:  ERROR  OK  DISABLED

Select date:

Show  entries

Showing 1 to 7 of 7 entries

Previous  Next

|  | DisplayName   | EntityID  | Registration Authority  |
|--|---|---|---|
| <input data-bbox="54 579 79 594" type="button" value="+"/> | IMT Institute for Advanced Studies Lucca                                      | <a href="https://idem-idp.imtlucca.it/idp/shibboleth">https://idem-idp.imtlucca.it/idp/shibboleth</a>                       | <a href="http://www.idem.garr.it/">http://www.idem.garr.it/</a> |
| <input data-bbox="54 618 79 632" type="button" value="+"/> | Istituto Zooprofilattico Sperimentale dell'Abruzzo e del Molise "G. Caporale" | <a href="https://idp.izs.it/idp/shibboleth">https://idp.izs.it/idp/shibboleth</a>   | <a href="http://www.idem.garr.it/">http://www.idem.garr.it/</a> |
| <input data-bbox="54 656 79 670" type="button" value="+"/> | Politecnico di Bari   | <a href="https://idp.poliba.it/simplesam/saml2/idp/metadata.php">https://idp.poliba.it/simplesam/saml2/idp/metadata.php</a> | <a href="http://www.idem.garr.it/">http://www.idem.garr.it/</a> |
| <input data-bbox="54 694 79 708" type="button" value="+"/> | University of Naples Federico II  | <a href="https://idemshibb.unina.it/idp/shibboleth">https://idemshibb.unina.it/idp/shibboleth</a>                           | <a href="http://www.idem.garr.it/">http://www.idem.garr.it/</a> |
| <input data-bbox="54 732 79 746" type="button" value="+"/> | University of Politecnica delle Marche  | <a href="https://idp.univpm.it/idp/shibboleth">https://idp.univpm.it/idp/shibboleth</a>                                     | <a href="http://www.idem.garr.it/">http://www.idem.garr.it/</a> |
| <input data-bbox="54 770 79 785" type="button" value="+"/> | University of Salerno   | <a href="https://auth.unisa.it/idp/shibboleth">https://auth.unisa.it/idp/shibboleth</a>                                     | <a href="http://www.idem.garr.it/">http://www.idem.garr.it/</a> |
| <input data-bbox="54 809 79 823" type="button" value="+"/> | Università di Napoli Parthenope   | <a href="https://idp.uniparthenope.it/idp/shibboleth">https://idp.uniparthenope.it/idp/shibboleth</a>                       | <a href="http://www.idem.garr.it/">http://www.idem.garr.it/</a> |

# eduGAIN Connectivity Check Service 2:

## <https://technical-test.edugain.org/eccs2>



### eduGAIN Connectivity Check Service 2 ([Instructions](#), [Contacts](#))

The purpose of the eduGAIN Connectivity Check is to identify eduGAIN Identity Providers (IdP) that does not properly consume eduGAIN SAML2 SP metadata.

Show IdPs with status:  ERROR  OK  DISABLED

Select date:

Show  entries

Showing 1 to 10 of 3,943 entries

Previous      ...  Next

|                                  | DisplayName  | EntityID   | Registration Authority         |
|----------------------------------|--|--|--------------------------------|
| <input checked="" type="radio"/> | A'Sharqiyah University                               | http://ads.asu.edu.om/ads/services/trust                         | http://www.omren.om            |
| <input checked="" type="radio"/> | A'Sharqiyah University (OM-KID)                      | https://trc.asu.edu.om/idp/shibboleth                            | https://www.trc.gov.om/trcweb/ |
| <input checked="" type="radio"/> | A*STAR - Agency for Science, Technology and Research | https://a-star.singaren.net.sg/simplesaml/saml2/idp/metadata.php | https://www.singaren.net.sg    |

**IdP DisplayName:** A\*STAR - Agency for Science, Technology and Research

**Technical Contacts:** [yuguo@nsgc.sg](mailto:yuguo@nsgc.sg)

**Support Contacts:**

**SP1:** <https://sp24-test.garr.it>

**SP2:** <https://attribute-viewer.aai.switch.ch>

**Check Time**

2020-11-27T05:59:29Z

**Result Check**

OK

**HTTP Code**

200

**Page Source**

[Click to open](#)

**Retry Check**

[Click to retry](#)

2020-11-27T05:59:40Z

OK

200

[Click to open](#)

[Click to retry](#)

# eduGAIN Connectivity Check Service:

## <https://technical.edugain.org/eccs/index.php>



### eduGAIN Connectivity Check Service

[Identity Providers](#) | [All IdP Test Results](#) | [Instructions](#) | [Contacts](#)

Show IdPs with status: [Error](#) | [Warning](#) | [OK](#) | [Disabled](#) | [Show all](#)

| Display Name                      | entityID  | Registration Authority  | Contacts   | Last Test              | Current Result      | Tests                                 |
|-----------------------------------|---|---|--|------------------------|---------------------|---------------------------------------|
| <input type="text"/>              | <input type="text"/>  | <input type="text"/>  | T: Technical, S: Support   |                        | All                 | <input type="button" value="Search"/> |
| IdP data                          |   |   |  | Last test results      |                     |                                       |
| Lawrence Technological University | <a href="https://vplatinumx.ltu.edu/idp/shibboleth">https://vplatinumx.ltu.edu/idp/shibboleth</a> | <a href="https://incommon.org">https://incommon.org</a>         | T: <a href="mailto:abawcum@ltu.edu">abawcum@ltu.edu</a>  | 2020-11-23<br>04:57:26 | TCP/IP-Error        | <a href="#">View</a>                  |
| Oak Ridge National Laboratory     | <a href="https://idp.ornl.gov/idp">https://idp.ornl.gov/idp</a>                                   | <a href="https://incommon.org">https://incommon.org</a>         | T: <a href="mailto:ping-admin@ornl.gov">ping-admin@ornl.gov</a>  | 2020-11-23<br>04:57:24 | TCP/IP-Error        | <a href="#">View</a>                  |
| National NanoFab Center           | <a href="https://iam.nnfc.re.kr/idp/simplesamlphp">https://iam.nnfc.re.kr/idp/simplesamlphp</a>   | <a href="http://kafe.kreonet.net">http://kafe.kreonet.net</a>   | T: <a href="mailto:ywko@nnfc.re.kr">ywko@nnfc.re.kr</a>  | 2020-11-23<br>04:56:11 | OK                  | <a href="#">View</a>                  |
| Fondazione Telethon - TIGEM       | <a href="https://idp.tigem.it/idp/shibboleth">https://idp.tigem.it/idp/shibboleth</a>             | <a href="http://www.idem.garr.it/">http://www.idem.garr.it/</a> | T: <a href="mailto:icore@tigem.it">icore@tigem.it</a>  | 2020-11-23<br>04:56:10 | OK                  | <a href="#">View</a>                  |
| China Medical University          | <a href="https://idp.cmu.edu.cn/idp/shibboleth">https://idp.cmu.edu.cn/idp/shibboleth</a>         | <a href="https://www.carsi.edu.cn">https://www.carsi.edu.cn</a> | T: <a href="mailto:blhui@cmu.edu.cn">blhui@cmu.edu.cn</a>  | 2020-11-23<br>04:56:05 | No-eduGAIN-Metadata | <a href="#">View</a>                  |
| PERN IdP Pakistan                 | <a href="https://idp2.pern.edu.pk/idp/shibboleth">https://idp2.pern.edu.pk/idp/shibboleth</a>     | <a href="https://pkifed.pk">https://pkifed.pk</a>               | T: <a href="mailto:wakhan@hec.gov.pk">wakhan@hec.gov.pk</a><br>S: <a href="mailto:wakhan@hec.gov.pk">wakhan@hec.gov.pk</a> | 2020-11-23<br>04:56:05 | No-eduGAIN-Metadata | <a href="#">View</a>                  |
| Vanderbilt University             | <a href="https://sso-login.vanderbilt.edu">https://sso-login.vanderbilt.edu</a>                   | <a href="https://incommon.org">https://incommon.org</a>         | T: <a href="mailto:vuitcads@vanderbilt.edu">vuitcads@vanderbilt.edu</a>  | 2020-11-23<br>04:56:05 | FORM-Invalid        | <a href="#">View</a>                  |
|                                   |   |   | T: <a href="mailto:aldarini@net.edu.com">aldarini@net.edu.com</a>  | 2020-11-23             |                     |                                       |



Thank you

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[www.geant.org](http://www.geant.org)



This work is part of a project that has applied for funding from the European Union's Horizon 2020 research and innovation programme under Grant Agreement No. 691567 (GN4-1).