

# 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) + 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:</p> <ul style="list-style-type: none"><li>OK</li><li>TCP/IP-Error</li><li>FORM-Invalid</li><li>No-eduGAIN-Metadata</li><li>HTTP-Error</li><li>Disabled</li></ul>	<p>Statuses:</p> <ul style="list-style-type: none"><li>OK</li><li>ERROR</li><li>DISABLED</li></ul>
Database needed? Yes	Database needed? No (text files only)
Check disabled by database query	Check disabled by “robots.txt” on IdPs + python dictionaries on ECCS2 server

## 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 Statuses table



STATUS	REASON
OK	IdPs that correctly consumes eduGAIN metadata and return a valid login page
Timeout	IdPs that do not load a valid login page within 60 seconds
Invalid-Form	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"
No-eduGAIN-Metadata	IdPs that return messages like "No return endpoint available for relying party" or "No metadata found for relying party"
SSL-Error	IdPs that have a problem with their SSL certificate
DISABLED	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>• eccsresults</li><li>• fedstats</li></ul>	date	Returns all the eduGAIN Connectivity Check service results for a specific date.	date=2020-02-20
<ul style="list-style-type: none"><li>• eccsresults</li><li>• fedstats</li></ul>	reg_auth	Returns all the eduGAIN Connectivity Check service results for a specific Registration Authority.	reg_auth=https://reg.auth.example.org
<ul style="list-style-type: none"><li>• eccsresults</li></ul>	idp	Return the eduGAIN Connectivity Check service result for a specific IdP by its entityID.	idp=https://idp.example.org/idp/shibboleth
<ul style="list-style-type: none"><li>• eccsresults</li></ul>	status	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>	status=ERROR

# 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",
      "status": "Invalid-Form",
      "statusCode": "200",
      "wayflessUrl": "https://sp24-test.garr.it/Shibboleth.sso/Login?entityID=https://idp.unimi.it/idp/shibboleth"
    },
    "sp2": {
      "checkTime": "2020-11-24T05:00:12Z",
      "status": "Invalid-Form",
      "statusCode": "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="48 573 86 595" 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="48 611 86 633" 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="48 649 86 671" type="button" value="+"/>	Politecnico di Bari	<a href="https://idp.poliba.it/simpesam/saml2/idp/metadata.php">https://idp.poliba.it/simpesam/saml2/idp/metadata.php</a>	<a href="http://www.idem.garr.it/">http://www.idem.garr.it/</a>
<input data-bbox="48 687 86 709" 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="48 726 86 748" 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="48 764 86 786" 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="48 802 86 824" 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 3,937 entries

Previous  2 3 4 5 ... 394 Next

	DisplayName	EntityID	Registration Authority
<input type="checkbox"/>	A*Sharqiyah University	<a href="http://adfs.asu.edu.om/adfs/services/trust">http://adfs.asu.edu.om/adfs/services/trust</a>	<a href="http://www.omren.om">http://www.omren.om</a>
<input type="checkbox"/>	A*Sharqiyah University (OM-KID)	<a href="https://trc.asu.edu.om/idp/shibboleth">https://trc.asu.edu.om/idp/shibboleth</a>	<a href="https://www.trc.gov.om/trcweb/">https://www.trc.gov.om/trcweb/</a>
<input type="checkbox"/>	A*STAR - Agency for Science, Technology and Research	<a href="https://a-star.singaren.net.sg/simplesaml/saml2/idp/metadata.php">https://a-star.singaren.net.sg/simplesaml/saml2/idp/metadata.php</a>	<a href="https://www.singaren.net.sg">https://www.singaren.net.sg</a>
<b>IdP DisplayName:</b> A*STAR - Agency for Science, Technology and Research			
<b>Technical Contacts:</b> <a href="mailto:yuguo@nscg.sg">yuguo@nscg.sg</a>			
<b>Support Contacts:</b>			
<b>SP1:</b>	<a href="https://sp24-test.garr.it">https://sp24-test.garr.it</a>	2020-11-23T06:00:07Z	Invalid-Form 500 <a href="#">Click to open</a> <a href="#">Click to retry</a>
<b>SP2:</b>	<a href="https://attribute-viewer.aai.switch.ch">https://attribute-viewer.aai.switch.ch</a>	2020-11-23T06:00:23Z	OK 200 <a href="#">Click to open</a> <a href="#">Click to retry</a>
<input type="checkbox"/>	A. T. Still University	<a href="https://my.atsu.edu/swPublicSSO/SAML/incommon">https://my.atsu.edu/swPublicSSO/SAML/incommon</a>	<a href="https://incommon.org">https://incommon.org</a>

# 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 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 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 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 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 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> S: <a href="mailto:wakhan@hec.gov.pk">wakhan@hec.gov.pk</a>	2020-11-23 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 04:56:05	FORM-Invalid	<a href="#">View</a>
			T: <a href="mailto:aldhani@net.edu.pk">aldhani@net.edu.pk</a>	2020-11-23		



Thank you

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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).