

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: OK TCP/IP-Error FORM-Invalid No-eduGAIN-Metadata HTTP-Error Disabled</p>	<p>Statuses: OK ERROR 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 + python dictionaries on ECCS2 server</p>

EduGAIN Connectivity Check Service comparison table (ECCS vs ECCS2)



ECCS	ECCS2
GUI API driven: NO	GUI API driven: YES
Federation Statistics: YES	Federation Statistics: YES
API: JSON Interface	API: JSON Interface + User Interface
Repository: https://bitbucket.software.geant.org/	Repository: https://gitlab.geant.org/

EduGAIN Connectivity Check Service 2 - Checks Statuses table



STATUS	REASON
OK	IdPs that correctly consumes eduGAIN metadata and returns 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">• eccsresults• fedstats	date	Returns all the eduGAIN Connectivity Check service results for a specific date.	date=2020-02-20
<ul style="list-style-type: none">• eccsresults• fedstats	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">• eccsresults	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">• eccsresults	status	Returns all the eduGAIN Connectivity Check service results for a specific status: <ul style="list-style-type: none">• OK• ERROR• DISABLED	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

Show IdPs with status: **ERROR** **OK** **DISABLED**

Select date:

Show entries

Showing 1 to 7 of 7 entries

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

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

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	DisplayName	EntityID	Registration Authority			
<input type="button" value="⊕"/>	A*Sharqiyah University	http://adfs.asu.edu.om/adfs/services/trust	http://www.omren.om			
<input type="button" value="⊕"/>	A*Sharqiyah University (OM-KID)	https://trc.asu.edu.om/idp/shibboleth	https://www.trc.gov.om/trcweb/			
<input type="button" value="⊖"/>	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@nscg.sg						
Support Contacts:						
SP1:	https://sp24-test.garr.it	Check Time 2020-11-23T06:00:07Z	Result Check Invalid-Form	Status Code 500	Page Source Click to open	Retry Check Click to retry
SP2:	https://attribute-viewer.aai.switch.ch	2020-11-23T06:00:23Z	OK	200	Click to open	Click to retry
<input type="button" value="⊕"/>	A. T. Still University	https://my.atsu.edu/swPublicSSO/SAML/incommon	https://incommon.org			

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	https://vplatinumx.ltu.edu/idp/shibboleth	https://incommon.org	T: abawcum@ltu.edu	2020-11-23 04:57:26	TCP/IP-Error	View
Oak Ridge National Laboratory	https://idp.ornl.gov/idp	https://incommon.org	T: ping-admin@ornl.gov	2020-11-23 04:57:24	TCP/IP-Error	View
National NanoFab Center	https://iam.nnfc.re.kr/idp/simplesamlphp	http://kafe.kreonet.net	T: ywko@nnfc.re.kr	2020-11-23 04:56:11	OK	View
Fondazione Telethon - TIGEM	https://idp.tigem.it/idp/shibboleth	http://www.idem.garr.it/	T: icore@tigem.it	2020-11-23 04:56:10	OK	View
China Medical University	https://idp.cmu.edu.cn/idp/shibboleth	https://www.carsi.edu.cn	T: blhui@cmu.edu.cn	2020-11-23 04:56:05	No-eduGAIN-Metadata	View
PERN IdP Pakistan	https://idp2.pern.edu.pk/idp/shibboleth	https://pkifed.pk	T: wakhan@hec.gov.pk S: wakhan@hec.gov.pk	2020-11-23 04:56:05	No-eduGAIN-Metadata	View
Vanderbilt University	https://sso-login.vanderbilt.edu	https://incommon.org	T: vuitcads@vanderbilt.edu	2020-11-23 04:56:05	FORM-Invalid	View
			T: aldarini@net.edu.com	2020-11-23		



Thank you

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