WORKSHOP GARR 2026

NET MAKERS

Monitorare ed Esplorare la Federazione IDEM

Calogero Costa

GARR

IDEM Stats



Monitorare la Federazione IDEM

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Introduzione

Perché?

- Risponde alle esigenze del Piano annuale di Sicurezza ed evoluzione della Federazione IDEM.
- Raccoglie, elabora e visualizza gli eventi di autenticazione **anonimi** della Federazione IDEM.

Come?

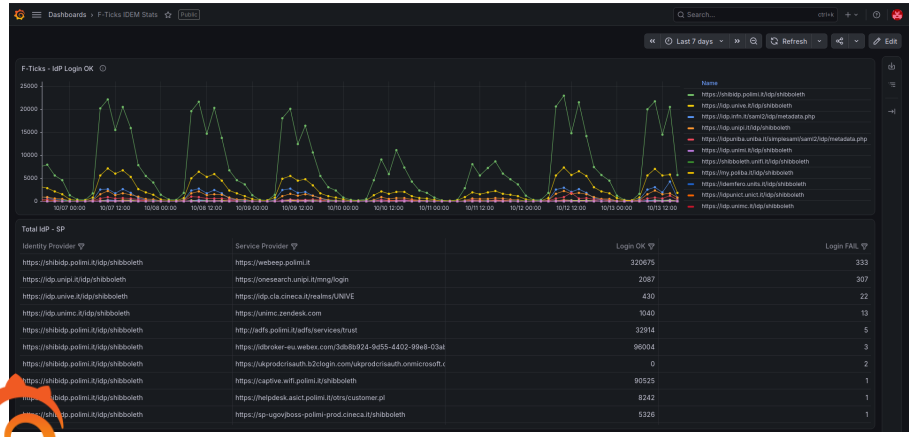
- Gli IdP della Federazione IDEM inoltrano i propri eventi di autenticazione tramite il formato log F-TICKS.
  - F-TICKS/IDEM/1.0#AP=<entityID-IdP>#RP=<entityID-SP>#RESULT=[OK/FAIL] #TS=<timestamp>

Architettura

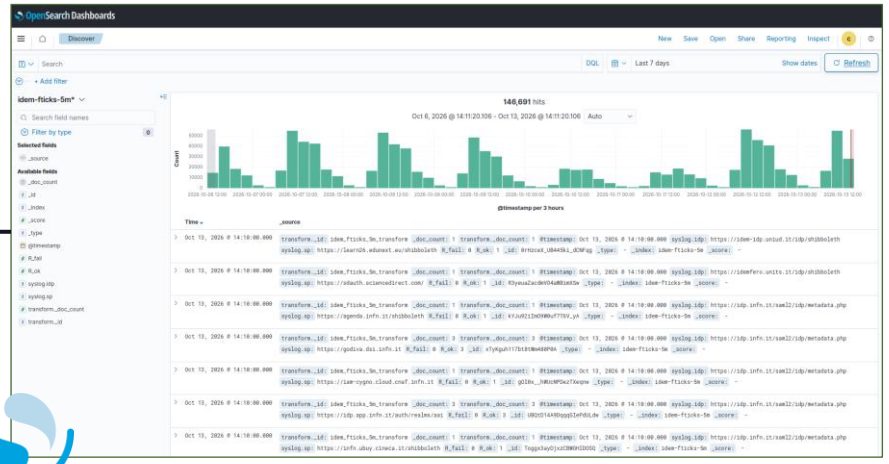


syslog UDP/TLS



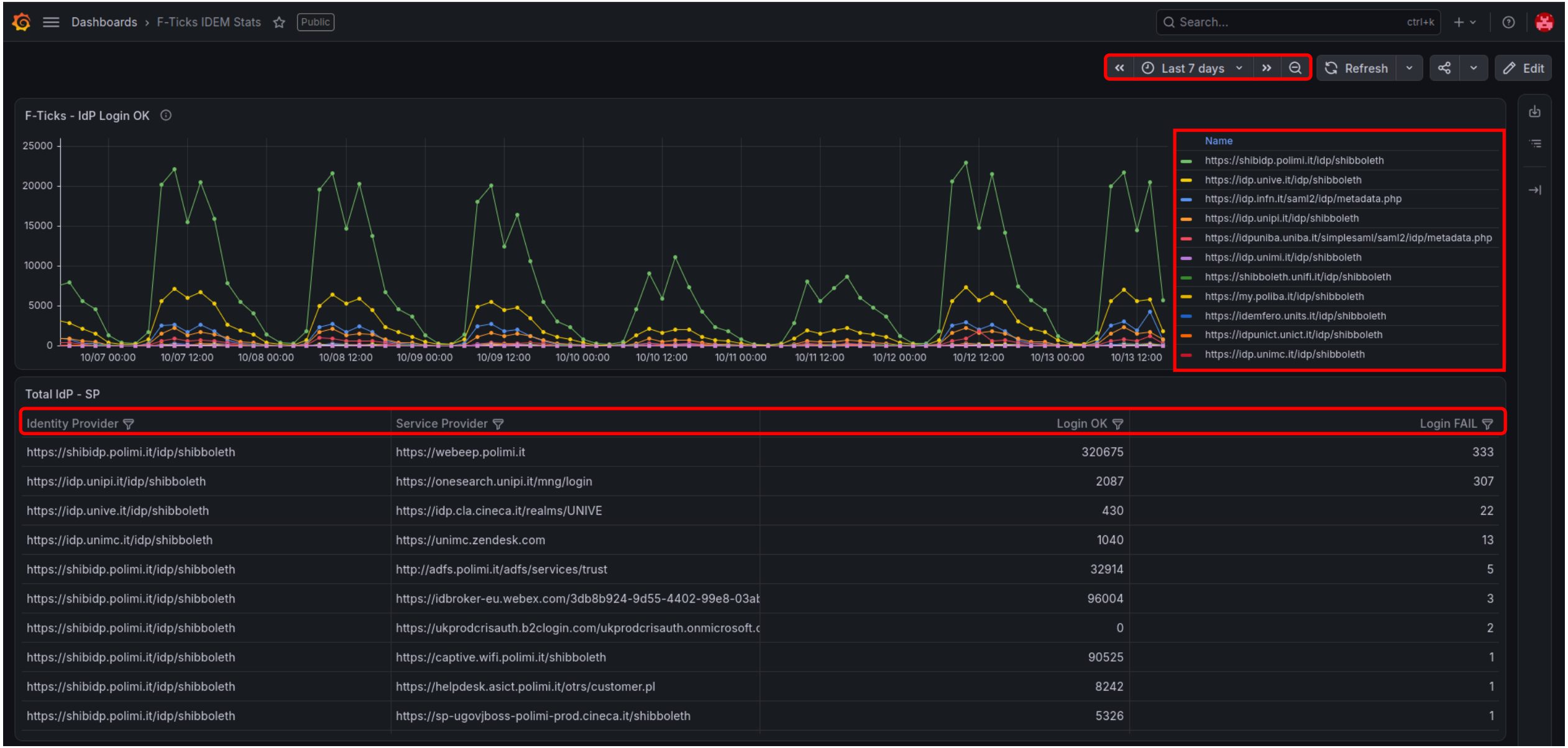


Grafana



OpenSearch

Architettura



Total IdP - SP

Identity Provider	Service Provider	Login OK	Login FAIL
https://shibidp.polimi.it/idp/shibboleth	https://webeep.polimi.it	320675	333
https://idp.unipi.it/idp/shibboleth	https://onesearch.unipi.it/mng/login	2087	307
https://idp.unive.it/idp/shibboleth	https://idp.cla.cineca.it/realms/UNIVE	430	22
https://idp.unimc.it/idp/shibboleth	https://unimc.zendesk.com	1040	13
https://shibidp.polimi.it/idp/shibboleth	http://adfs.polimi.it/adfs/services/trust	32914	5
https://shibidp.polimi.it/idp/shibboleth	https://idbroker-eu.webex.com/3db8b924-9d55-4402-99e8-03ab	96004	3
https://shibidp.polimi.it/idp/shibboleth	https://ukprodcrisauth.b2clogin.com/ukprodcrisauth.onmicrosoft.c	0	2
https://shibidp.polimi.it/idp/shibboleth	https://captive.wifi.polimi.it/shibboleth	90525	1
https://shibidp.polimi.it/idp/shibboleth	https://helpdesk.asict.polimi.it/otrs/customer.pl	8242	1
https://shibidp.polimi.it/idp/shibboleth	https://sp-ugovjboss-polimi-prod.cineca.it/shibboleth	5326	1

MDQ Browser



Esplorare la Federazione IDEM

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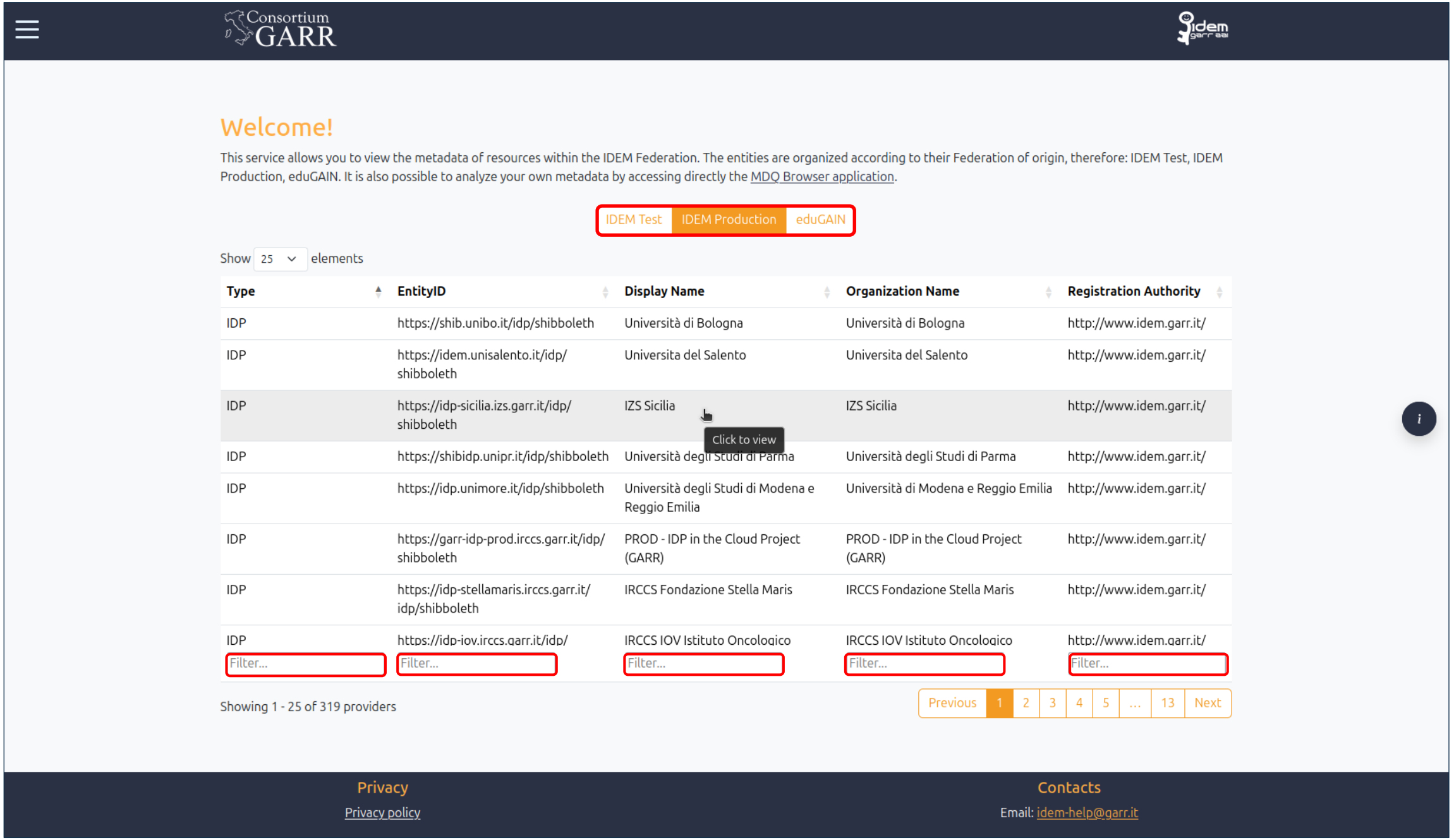
Introduzione

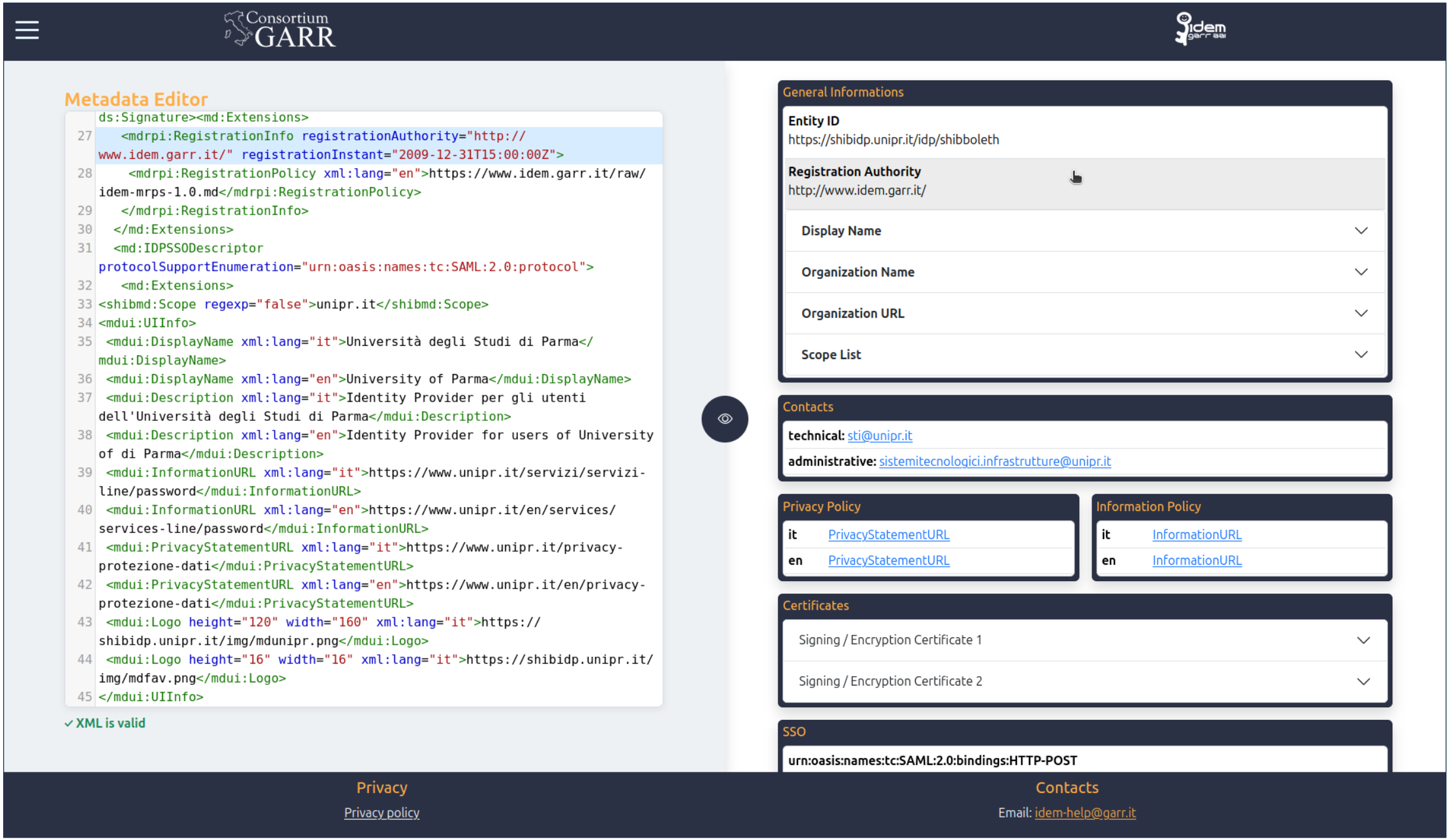
Perché?

- Semplifica la consultazione delle informazioni presenti nei metadata delle entità registrate in IDEM ed eduGAIN.

Come?

- Tramite i metadata aggregati del servizio IDEM MDX consente la ricerca e la visualizzazione dei metadata delle entità.


Consortium GARR
idem garr aai
Welcome!
This service allows you to view the metadata of resources within the IDEM Federation. The entities are organized according to their Federation of origin, therefore: IDEM Test, IDEM Production, eduGAIN. It is also possible to analyze your own metadata by accessing directly the MDQ Browser application.
IDEM Test
IDEM Production
eduGAIN
Show 25 elements
Type
EntityID
Display Name
Organization Name
Registration Authority
IDP
https://shib.unibo.it/idp/shibboleth
Università di Bologna
Università di Bologna
http://www.idem.garr.it/
IDP
https://idem.unisalento.it/idp/shibboleth
Universita del Salento
Universita del Salento
http://www.idem.garr.it/
IDP
https://idp-sicilia.izs.garr.it/idp/shibboleth
IZS Sicilia
IZS Sicilia
http://www.idem.garr.it/
Click to view
IDP
https://shibidp.unipr.it/idp/shibboleth
Università degli Studi di Parma
Università degli Studi di Parma
http://www.idem.garr.it/
IDP
https://idp.unimore.it/idp/shibboleth
Università degli Studi di Modena e Reggio Emilia
Università di Modena e Reggio Emilia
http://www.idem.garr.it/
IDP
https://garr-idp-prod.irccs.garr.it/idp/shibboleth
PROD - IDP in the Cloud Project (GARR)
PROD - IDP in the Cloud Project (GARR)
http://www.idem.garr.it/
IDP
https://idp-stellamaris.irccs.garr.it/idp/shibboleth
IRCCS Fondazione Stella Maris
IRCCS Fondazione Stella Maris
http://www.idem.garr.it/
IDP
https://idp-iov.irccs.garr.it/idp/
IRCCS IOV Istituto Oncologico
IRCCS IOV Istituto Oncologico
http://www.idem.garr.it/
Filter...
Filter...
Filter...
Filter...
Filter...
Showing 1 - 25 of 319 providers
Previous
1
2
3
4
5
...
13
Next
Privacy
Privacy policy
Contacts
Email: idem-help@garr.it


Consortium GARR
idem garr aai
Metadata Editor
ds:Signature><md:Extensions>
27 <mdrpi:RegistrationInfo registrationAuthority="http://www.idem.garr.it/" registrationInstant="2009-12-31T15:00:00Z">
28 <mdrpi:RegistrationPolicy xml:lang="en">https://www.idem.garr.it/raw/idem-mrps-1.0.md</mdrpi:RegistrationPolicy>
29 </mdrpi:RegistrationInfo>
30 </md:Extensions>
31 <md:IDPSSODescriptor protocolSupportEnumeration="urn:oasis:names:tc:SAML:2.0:protocol">
32 <md:Extensions>
33 <shibmd:Scope regexp="false">unipr.it</shibmd:Scope>
34 <mdui:UIInfo>
35 <mdui:DisplayName xml:lang="it">Università degli Studi di Parma</mdui:DisplayName>
36 <mdui:DisplayName xml:lang="en">University of Parma</mdui:DisplayName>
37 <mdui:Description xml:lang="it">Identity Provider per gli utenti dell'Università degli Studi di Parma</mdui:Description>
38 <mdui:Description xml:lang="en">Identity Provider for users of University of di Parma</mdui:Description>
39 <mdui:InformationURL xml:lang="it">https://www.unipr.it/servizi/servizi-line/password</mdui:InformationURL>
40 <mdui:InformationURL xml:lang="en">https://www.unipr.it/en/services/services-line/password</mdui:InformationURL>
41 <mdui:PrivacyStatementURL xml:lang="it">https://www.unipr.it/privacy-protezione-dati</mdui:PrivacyStatementURL>
42 <mdui:PrivacyStatementURL xml:lang="en">https://www.unipr.it/en/privacy-protezione-dati</mdui:PrivacyStatementURL>
43 <mdui:Logo height="120" width="160" xml:lang="it">https://shibidp.unipr.it/img/mdunipr.png</mdui:Logo>
44 <mdui:Logo height="16" width="16" xml:lang="it">https://shibidp.unipr.it/img/mdfav.png</mdui:Logo>
45 </mdui:UIInfo>
✓ XML is valid
General Informations
Entity ID
https://shibidp.unipr.it/idp/shibboleth
Registration Authority
http://www.idem.garr.it/
Display Name
Organization Name
Organization URL
Scope List
Contacts
technical: sti@unipr.it
administrative: sistemitecnologici.infrastrutture@unipr.it
Privacy Policy
it PrivacyStatementURL
en PrivacyStatementURL
Information Policy
it InformationURL
en InformationURL
Certificates
Signing / Encryption Certificate 1
Signing / Encryption Certificate 2
SSO
urn:oasis:names:tc:SAML:2.0:bindings:HTTP-POST
Privacy
Privacy policy
Contacts
Email: idem-help@garr.it

Grazie!

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