

IdP-in-the-Cloud

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Why?

We needed to find a way to help research institutions, interested to use federated resources, that haven't possibilities (in terms of people, hardware, knowledge, ...) to install and maintain their own Identity Provider.

Our target were Doctors, Librarians, ... People with little or no experience about SAML or Shibboleth.

We had to focus on providing a fully managed IdP service, to ease identity management by our customers; Emphasis on:

- Hiding the complexity of installation and configuration of SAML Shibboleth IdP for IdP managers
- Ease to manage by customers
- Matching required federation standards in terms of security, reliability, compliance with required policies

What?

The answer has been found in Ansible.

Ansible does what we have already tried to do with Puppet, but in a much simpler way.

The Ansible Toolkit allowed us to:

1. Create/Delete Virtual Machines on our OpenStack Cloud (**ansible-openstack**)
2. Instance an entire Shibboleth Identity Provider(IdP) (**ansible-shibboleth**)
3. Instance the monitoring system for the IdPs (**ansible-monitoring**)

How?

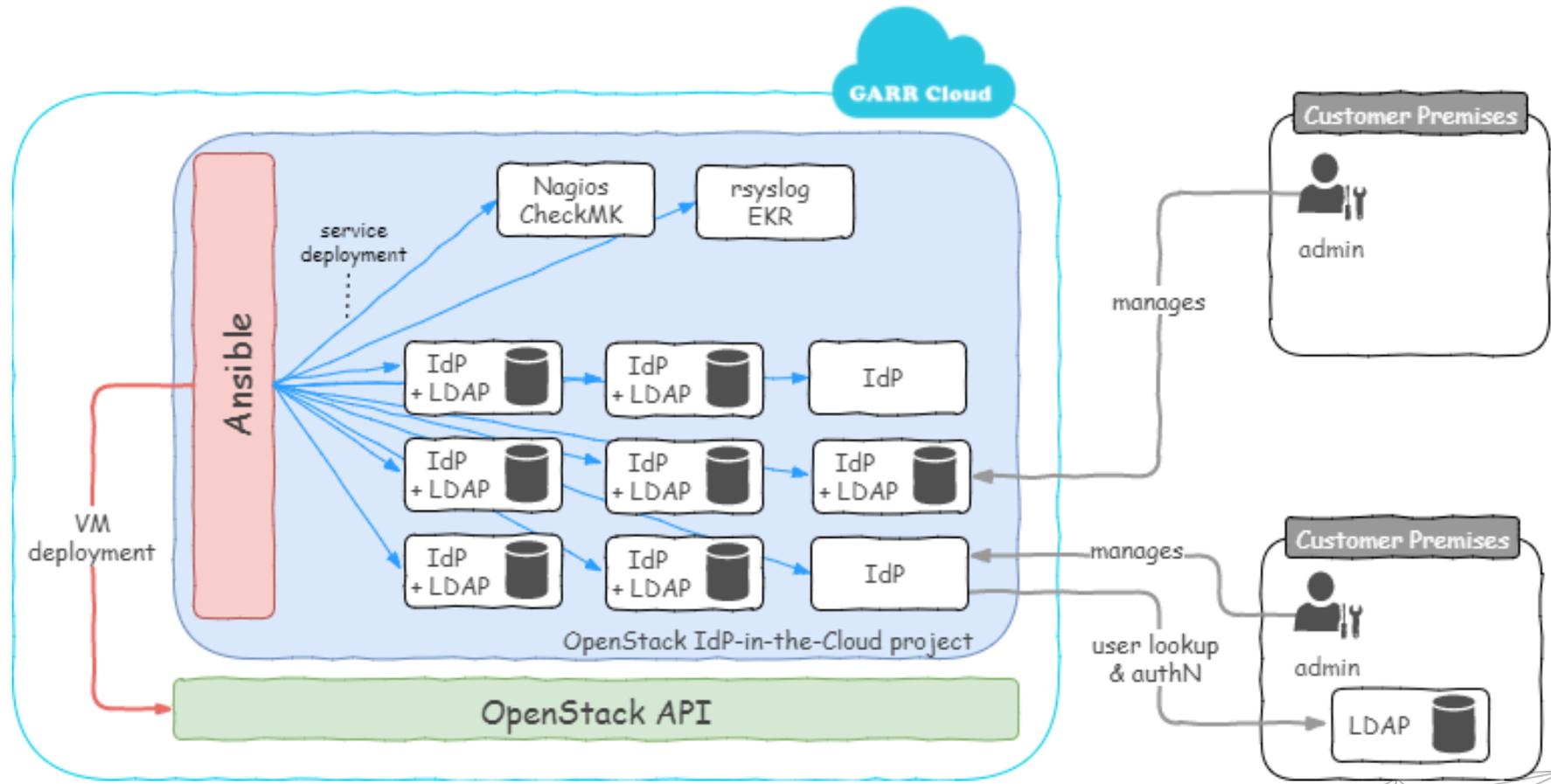
Requirements:

1. **GARR Ansible repositories**
2. **A Public IP** (to be able to reach the IdP on the web)
3. **An OpenStack Cloud** (to create the IdP virtual machine)
4. **A Certification Authority** (to create HTTPS credentials for the IdP)
5. **A public SSH key** (to transfer LDAP and DB backups to a dedicated server simply)
6. **A GIT Private Server** (to store IdP metadata credentials, logos, HTTPS certificate/key)

IdP-in-the-Cloud

Step-by-Step





STEP 1 – The Ansible Master

First of all we need to **build up our Ansible Master** machine to be able to run the ansible recipes and create new IdPs.

Our Ansible Master is configured to communicate with our OpenStack Cloud through its API and the [python-openstackclient](#).

OpenStack is needed to create the dedicated VMs for IdPs and all of them have the same SSH “authorized_keys” to provide a quickly access on each of them .

Shared SSH keys: In addition to the Ansible access keys, we deployed on all VMs a shared set of keys to ensure secure communication among internal services on a private, internal LAN

STEP 1 – The Ansible Master

On the Ansible Master we put the Ansible Toolkit formed by:

1. ansible-openstack: <https://github.com/ConsortiumGARR/ansible-openstack>
Needed to create/delete Virtual Machines on our OpenStack Cloud environment
2. ansible-monitoring: <https://github.com/ConsortiumGARR/ansible-monitoring>
Needed to create monitoring environment for Campus IdPs
3. ansible-shibboleth: <https://github.com/ConsortiumGARR/ansible-shibboleth>
Needed to create and configure Campus IdPs

(and a private GIT repo to store IdP metadata credentials, logos, HTTPS certificate/key)

The Ansible Toolkit recipes are tested with **Ansible v2.4.0.0**

STEP 2 – Public IP and DNS

We need to reserve some Public IPs of the VMs used by our IdP-in-the-Cloud service and assign them a name on our DNS:

1. **elasticsearch1.aai.garr.it**
2. **elasticsearch2.aai.garr.it**
3. **kibana.aai.garr.it** (where we visualized IdP logs elaborated by elasticsearch[1 & 2])
4. **checkmk.aai.garr.it** (where we monitor the IdP status)
5. **logs.aai.garr.it** (where we store IdP's log files)
6. **data-backups.aai.garr.it** (where we store LDAP & DB backup files)
7. **git.garr.it** (where we store HTTPS credentials, IdP Metadata Credentials and Logos)
8. **idp-[1...N].irccs.garr.it** (our IdPs)

STEP 3 – Create IdP-in-the-Cloud environment

Once obtained a DNS name of our IdP-in-the-Cloud environment, we can instance them with **ansible-openstack** recipes and by:

1. Create/Modify the configuration files: [all.yml](#) & [openstack-client.yml](#)
2. Create the Inventory INI file ([production.ini](#))
3. Run Ansible

STEP 3 – Ansible-Openstack result

Instances

Instance Name =

<input type="checkbox"/>	Instance Name	Image Name	IP Address	Size	Key Pair	Status	Availability Zone	Task	Power State	Time since created	Actions
<input type="checkbox"/>	ansible-master.aai.garr.it	-	192.168.80.38 Floating IPs: 90.147.166.117	m1.small	idpcloud	Active	nova	None	Running	5 months	<input type="button" value="Create Snapshot"/> <input type="button" value="⌵"/>
<input type="checkbox"/>	logs.aai.garr.it	-	192.168.80.8 Floating IPs: 90.147.167.172	Not available	idpcloud	Active	nova	None	Running	4 months, 2 weeks	<input type="button" value="Create Snapshot"/> <input type="button" value="⌵"/>
<input type="checkbox"/>	data-backups.aai.garr.it	-	192.168.80.9 Floating IPs: 90.147.166.36	Not available	idpcloud	Active	nova	None	Running	4 months, 2 weeks	<input type="button" value="Create Snapshot"/> <input type="button" value="⌵"/>
<input type="checkbox"/>	checkmk.aai.garr.it	-	192.168.80.7 Floating IPs: 90.147.166.123	m1.medium	idpcloud	Active	nova	None	Running	4 months, 2 weeks	<input type="button" value="Create Snapshot"/> <input type="button" value="⌵"/>
<input type="checkbox"/>	elasticsearch1.aai.garr.it	-	192.168.80.4 Floating IPs: 90.147.166.201	Not available	idpcloud	Active	nova	None	Running	4 months, 2 weeks	<input type="button" value="Create Snapshot"/> <input type="button" value="⌵"/>
<input type="checkbox"/>	elasticsearch2.aai.garr.it	-	192.168.80.5 Floating IPs: 90.147.167.12	Not available	idpcloud	Active	nova	None	Running	4 months, 2 weeks	<input type="button" value="Create Snapshot"/> <input type="button" value="⌵"/>
<input type="checkbox"/>	kibana.aai.garr.it	-	192.168.80.6 Floating IPs: 90.147.167.215	Not available	idpcloud	Active	nova	None	Running	4 months, 2 weeks	<input type="button" value="Create Snapshot"/> <input type="button" value="⌵"/>

STEP 3 – Prepare Monitoring Environment

Once obtained the environment VMs of our IdP-in-the-Cloud, we can configure them with **ansible-monitoring** recipes and by:

1. Creating the **FQDN.yml** monitoring tools configuration file by copying & editing the following templates:
 - a. [FQDN.yml-checkmk-template](#) (Reserved for Check_MK monitoring servers)
 - b. [FQDN.yml-elasticsearch-template](#) (Reserved for ElasticSearch servers)
 - c. [FQDN.yml-kibana-template](#) (Reserved for Kibana servers)
 - d. [FQDN.yml-data-backups-template](#) (Reserved for Data Backups servers)
 - e. [FQDN.yml-rsyslog-template](#) (Reserved for Rsyslog servers)
2. Creating the Inventory INI file ([production.ini](#))
3. Running Ansible

STEP 4 – Ansible-Monitoring result

Check HTTPS:
Check SSL Certificate Expiration

Check IDP MD:
Check IDP Metadata (/idp/shibboleth) availability

check_aacli: Check the capacity of sending attributes from the IdP to a test SP

check_mysql:
Check that all needed database for the IdP are active

- Check IDM page,
- Check IDM-TOOLS
- Check LOCKUSER
- check_coco,
- check_rs,
- check_ldap

State	Service	Icons	Status detail	Age	Checked	Perf-O-Meter
OK	Check_MK		OK - Agent version 1.4.0p9, execution time 0.7 sec	2017-06-20 14:20:03	19.6 s	707 ms
OK	Check_MK Discovery		OK - no unmonitored services found, no vanished services found	2017-06-01 12:35:48	36 m	
OK	Check HTTPS		OK - Certificate 'ansible-slave-1.irccs.garr.it' will expire on Sun Nov 29 07:48:08 2026 +0000.	2017-06-20 14:15:37	45.6 s	
OK	Check IDP MD		HTTP OK: HTTP/1.1 200 OK - 14093 bytes in 0.046 second response time	2017-06-20 14:17:29	11.6 s	46.3 ms
OK	check_aacli		OK - SUCCESS - IdP has retrieved metadata of Test SP and is sending attributes to it	2017-09-12 07:12:22	18.6 s	
OK	check_mysql		OK - SUCCESS - IdP has all needed databases	2017-04-13 20:22:33	18.6 s	0.0400
OK	CPU load		OK - 15 min load 0.05 at 2 Cores (0.03 per Core)	2017-04-13 20:22:33	18.6 s	1.13%
OK	CPU utilization		OK - user: 0.7%, system: 0.4%, wait: 0.1%, steal: 0.0%, guest: 0.0%, total: 1.1%	2017-04-13 20:22:33	18.6 s	0 B/s / 8.53 kB/s
OK	Disk IO SUMMARY		OK - Utilization: 0.1%, Read: 0.00 B/s, Write: 8.53 kB/s, Average Wait: 0.66 ms, Average Read Wait: 0.00 ms, Average Write Wait: 0.66 ms, Latency: 0.66 ms, Average Queue Length: 0.00	2017-04-13 20:22:33	18.6 s	15.6%
OK	Filesystem /		OK - 15.6% used (3.06 of 19.65 GB), trend: +8.20 MB / 24 hours	2017-04-13 20:22:33	18.6 s	425.4B/s / 1.1kB/s
OK	Interface 2		OK - [eth0] (up) speed unknown, in: 425.38 B/s, out: 1.10 kB/s	2017-04-13 20:22:40	18.6 s	144.47/s
OK	Kernel Context Switches		OK - 144/s	2017-04-13 20:22:40	18.6 s	1.55/s
OK	Kernel Major Page Faults		OK - 0/s	2017-04-13 20:22:40	18.6 s	889.41 MB
OK	Kernel Process Creations		OK - 2/s	2017-04-13 20:22:40	18.6 s	
OK	Memory		OK - RAM used: 889.41 MB of 3.87 GB (22.4%),	2017-04-13 20:22:33	18.6 s	
OK	Mount options /		OK - Mount options exactly as expected	2017-04-13 20:22:33	18.6 s	
OK	NTP Time		OK - sys.peer - stratum 1, offset -2.12 ms, jitter 0.94 ms, last reached 968 secs ago (synchronized on 193.204.114.233)	2017-08-29 15:31:22	18.6 s	-2.12 ms
OK	Number of threads		OK - 148 threads	2017-04-13 20:22:33	18.6 s	48
OK	SSH		SSH OK - OpenSSH_6.7p1 Debian-5+deb8u3 (protocol 2.0)	2017-06-22 14:19:46	36.7 s	
OK	TCP Connections		OK - ESTABLISHED: 5, SYN_RECV: 1, CLOSE_WAIT: 7, TIME_WAIT: 1, FIN_WAIT2: 3, LISTEN: 7	2017-04-13 20:22:33	18.7 s	
OK	Uptime		OK - Up since Tue Jun 20 13:54:58 2017 (85d 20:17:23)	2017-04-13 20:22:33	18.7 s	86 d

State	Service	Icons	Status detail	Age	Checked	Perf-O-Meter
OK	Check_MK		OK - Agent version 1.4.0p9, execution time 1.8 sec	2017-06-23 07:16:29	2.67 s	1.83 s
OK	Check_MK Discovery		OK - no unmonitored services found, no vanished services found	2017-05-31 10:35:48	36 m	
OK	Check HTTPS		OK - Certificate 'ansible-slave-2.irccs.garr.it' will expire on Sun Nov 29 14:37:01 2026 +0000.	2017-06-23 07:12:29	53.7 s	
OK	Check IDM page		HTTP OK: Status line output matched "HTTP/1.1 401 Unauthorized" - 1631 bytes in 0.045 second response time	2017-07-28 14:13:30	10.7 s	44.8 ms
OK	Check IDM-TOOLS		HTTP OK: Status line output matched "HTTP/1.1 401 Unauthorized" - 1639 bytes in 0.044 second response time	2017-07-28 14:19:13	45.7 s	44.4 ms
OK	Check IDP MD		HTTP OK: HTTP/1.1 200 OK - 13943 bytes in 0.050 second response time	2017-09-11 01:21:10	30.7 s	49.8 ms
OK	Check LOCKUSER		HTTP OK: Status line output matched "HTTP/1.1 401 Unauthorized" - 1644 bytes in 0.044 second response time	2017-06-23 07:15:35	47.7 s	43.8 ms
OK	check_aacli		OK - SUCCESS - IdP has retrieved metadata of Test SP and is sending attributes to it	2017-09-07 07:12:40	698 ms	
OK	check_coco		OK - SUCCESS - IdP has retrieved metadata of Test COCO SP and is sending attributes to it	2017-06-19 16:02:35	700 ms	
OK	check_ldap		OK - SUCCESS - LDAP exists and release attributes	2017-06-19 16:02:35	702 ms	
OK	check_mysql		OK - SUCCESS - IdP has all needed databases	2017-06-19 16:02:35	705 ms	
OK	check_rs		OK - SUCCESS - IdP has retrieved metadata of Test RS SP and is sending attributes to it	2017-08-01 00:59:40	708 ms	

STEP 4 – Ansible-Monitoring result

The screenshot displays the Check MK web interface. The top navigation bar shows the URL `https://checkmk.mgarr.it/idpcloud/check_mk/index.py?start_url=%2Fidpcloud%2Ffnp4nagios%2Findex.php%2Fg...` and a notification that Firefox has impeded automatic page reloading. The interface is divided into several sections:

- Left Sidebar:** Contains a 'Tactical Overview' table, a 'Quicksearch' field, and a 'Views' menu with options like Overview, Host & Services Problems, Hosts, Host Groups, Services, Metrics, Business Intelligence, Problems, Inventory, and CPU Resilient Inventory.
- Main Content Area:** Displays service details for 'ansible-slave-1.irccs.garr.it -> Check IDP MD'. It includes a 'Host: ansible-slave-1.irccs.garr.it Service: Check IDP MD' header, a '4 Hours' time range, and three graphs:
 - Datasource: time:** A line graph showing 'Response Time (ms)' over the last 4 hours. The y-axis ranges from 40 to 70 ms. The x-axis shows time from 06:20 to 10:00. Summary statistics: 47.7 ms LAST, 72.2 ms MAX, 51.7 ms AVERAGE.
 - Datasource: size:** A bar chart showing 'Size of response' in bytes over the last 4 hours. The y-axis ranges from 10k to 20k bytes. The x-axis shows time from 06:20 to 10:00. Summary statistics: 14094 Bytes LAST, 14095 Bytes MAX, 14094 Bytes AVERAGE.
 - Host: ansible-slave-1.irccs.garr.it Service: Check IDP MD:** A line graph showing 'Response Time (ms)' over the last 25 hours. The y-axis ranges from 40 to 120 ms. The x-axis shows time from Wed 12:00 to Thu 06:00. Summary statistics: 53.7 ms LAST, 106 ms MAX, 55.9 ms AVERAGE.
 - Datasource: size:** A bar chart showing 'Size of response' in bytes over the last 25 hours. The y-axis ranges from 10k to 20k bytes. The x-axis shows time from Wed 12:00 to Thu 06:00. Summary statistics: 14094 Bytes LAST, 14095 Bytes MAX, 14094 Bytes AVERAGE.
- Right Sidebar:** Contains a 'Search' field, 'Actions' (with icons for refresh, home, help, etc.), 'My basket' (empty), 'Multisite links', 'Time ranges' (Overview, 4 Hours, 25 Hours, One Week, One Month, One Year), and 'Services' (with a list of system metrics like Host Perfdata, Check IDP-TOOLS, CPU load, etc.).

STEP 4 – Ansible-Monitoring result

The screenshot displays the Kibana interface with a search query: `https://kibana.aai.garr.it/app/kibana#/discover?_g=(refreshInterval:(display:Off,pause:if.value:0),time:(from:now%2FM,mode:quick,to:now%2FM))&_a=(columns:(%5B_source%5D),interval:auto,query:(query_string:(analyze_wildcard:it,query:)))`. The dashboard shows 54,837 hits. A histogram on the right shows the distribution of events over time, with a significant peak around September 14th, 2017. The left sidebar contains navigation options: Discover, Visualize, Dashboard, Timelion, Dev Tools, and Management. The main content area displays a list of search results in a table format, with columns for time, message, and various event attributes.

Selected Fields: `? _source`

Available Fields: `+`

Popular:

- `fromhost`
- `message`
- `syslogtag`
- `_id`
- `_index`
- `_score`
- `_type`
- `facility`
- `priority`
- `severity`
- `timegenerated`
- `timereported`

Histogram: September 1st 2017, 00:00:00.000 - September 30th 2017, 23:59:59.999 — Auto

Time = `_source`

Search Results:

- September 14th 2017, 12:31:18.711**
`message: 216.218.206.68 - - [14/Sep/2017:10:31:18 +0000] "GET / HTTP/1.1" 302 5389 "-" "-" fromhost: idp-portici facility: local0 priority: notice timereported: September 14th 2017, 12:31:18.711 timegenerated: September 14th 2017, 12:31:18.712 severity: notice syslogtag: apache2access _id: AV5_5Py0n1j_b30pb _type: events _index: system _score: -`
- September 14th 2017, 12:19:24.699**
`message: 216.218.206.67 - - [14/Sep/2017:12:19:24 +0200] "GET / HTTP/1.1" 302 5365 "-" "-" fromhost: garr-idp-test facility: local0 priority: notice timereported: September 14th 2017, 12:19:24.699 timegenerated: September 14th 2017, 12:19:24.704 severity: notice syslogtag: apache2access _id: AV5_5nq iPy0n1j_b30pY _type: events _index: system _score: -`
- September 14th 2017, 12:17:01.924**
`message: pam_unix(cron:session): session closed for user root fromhost: garr-idp-prod facility: authpriv priority: info timereported: September 14th 2017, 12:17:01.924 timegenerated: September 14th 2017, 12:17:01.926 severity: info syslogtag: CRON[364] _id: AV5_5EzYp0n1j_b30pX _type: events _index: system _score: -`

Table View:

Field	Value
<code>_id</code>	<code>AV5_5Py0n1j_b30pb</code>
<code>_index</code>	<code>system</code>
<code>_score</code>	<code>-</code>
<code>_type</code>	<code>events</code>
<code>facility</code>	<code>local0</code>
<code>fromhost</code>	<code>idp-portici</code>
<code>message</code>	<code>216.218.206.68 - - [14/Sep/2017:10:31:18 +0000] "GET / HTTP/1.1" 302 5389 "-" "-"</code>
<code>priority</code>	<code>notice</code>
<code>severity</code>	<code>notice</code>
<code>syslogtag</code>	<code>apache2access</code>
<code>timegenerated</code>	<code>September 14th 2017, 12:31:18.712</code>
<code>timereported</code>	<code>September 14th 2017, 12:31:18.711</code>

STEP 4 – Ansible-Monitoring result

```
12. data-backups.aai.garr.it
Re-attach Fullscreen Stay on top Duplicate Hide toolbar
root@data-backups:/data/var/local/backups# tree idp-portici.izs.garr.it/
idp-portici.izs.garr.it/
├── ldap
│   └── 2017-09-14_ldap-users.ldif
└── mysql
    ├── 2017-09-14_shibboleth_db.sql
    └── 2017-09-14_statistics_db.sql

2 directories, 3 files
root@data-backups:/data/var/local/backups#
```

STEP 5 – Instance new Shibboleth IdP (v3)

We have to:

1. Create a new VM on OpenStack Cloud (ansible-openstack)
2. Install and configure the new Shibboleth IdP (ansible-shibboleth)

STEP 5 – Instance new Shibboleth IdP v3

To help us with the environment preparation needed to instance of a new IdP, we decided to rely on “[ans-idpcloud-utility](#)” Python script that:

1. Creates CSR and KEY used for HTTPS endpoints.
2. Creates IdP signing, encryption and backchannel credentials.
3. Creates the IdP yaml file (and will append the new IdP to the inventory INI file soon).
4. Appends the IdP ansible-openstack configuration to the *openstackclient.yml*.
5. Appends the new IdP to ansible-openstack inventory INI file.

At the end of we have to run, in this order:

1. ansible-openstack playbook to create the VM of the new IdP.
2. ansible-shibboleth playbook to create and configure the new IdP.

STEP 6 – Ansible-Shibboleth result

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logo.png

Login to Test SP v2.5.3

Username

Password

Don't Remember Login

Clear prior granting of permission for release of your information to this service.

Login

Clear User Consent

Password Management

> Forgot your password?

> Need Help?

> Informations

> Privacy Policy



eduGAIN



Information Web Page

Privacy Policy Web Page

Multi Language Support

Links to Federation and Interfederation web page whom the organisation belongs to



SP Logo

Test Service Provider v2.5.3 hosted by OpenStack Milano

> Resource informations

SP Informations

Footer Background Color and Footer Text are customizable

FOOTER TEXT in english language

STEP 6 – Ansible-Shibboleth result

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SP Information
found on its
metadata

SP Description

Test Service Provider v2.5.3 hosted by OpenStack Milano

< [Go back to login page](#)

> SP Service Name:

Test SP v2.5.3

> SP Organization:

TEST Shib SP v2.5.3

> SP Contacts:

Marco Malavolti

> SP Privacy Policy

> SP Information Page

FOOTER TEXT in english language

STEP 6 – Ansible-Shibboleth result



Identity Management provided by a customized and corrected version of phpLDAPadmin 1.2.3 (latest)

Home
Hint
Consortium GARR LDAP Server
new search refresh
Users (2)

Create Object

Server: Consortium GARR LDAP Server Container: ou=people,dc=garr,dc=it
Template: Identity Provider: New user creation (custom_idpAccount)

Identity Provider: New user creation (Step 1 of 1)

Name * Hint

Surname * Hint

Name and Surname Hint

Username * Hint

Fiscal code * Hint

ORCID Hint

eduPersonAffiliation * Hint

eduPersonEntitlement Hint

Create Object

STEP 6 – Ansible-Shibboleth result

The screenshot shows a web browser window with the URL `https://ansible-slave-2.izs.garr.it/idm/lockuser.php`. The page features the FA logo and a navigation menu with "Start" and "My LDAP Server". The main content area is titled "Lock/Unlock of the users" and displays the following information:

- Server: My LDAP Server
- Contentitore: ou=people,dc=izs,dc=it
- Identity Provider: Locking/Unlocking Users
- User list table:

User list		
Marco Malavolti	User expiration date: <input type="text"/>	<input type="button" value="Set user expiration date"/> <input type="button" value="Lock"/>
Test User	User expiration date: <input type="text"/>	<input type="button" value="Set user expiration date"/> <input type="button" value="Lock"/>

Two arrows point from the explanatory text below to the "Set user expiration date" and "Lock" buttons for the "Test User" row.

1.2.0.5
SOURCEFORGE

The IdP manager can lock out the users immediately by pressing on “**Lock**” button, or “**Set an expiration date**” in the future.

STEP 6 – Ansible-Shibboleth result

Usage Statistics of the IdP
Identity provider installed for IdP-in-the-Cloud project

Perform a research to visualize the statistics:
September | 2017 | Submit

Usage Statistics of the IdP in July 2017 grouped by date and by service provider:

Login grouped by date and SP

Date	Primologin Cosenza	Torrossa
2017-07-12	0	1
2017-07-11	0	17
2017-07-03	1	0

Num Logins grouped by SP
Total Logins for SPs

Usage Statistics of the IdP
Identity provider installed for IdP-in-the-Cloud project

Perform a research to visualize the statistics:
September | 2017 | Submit

The total number of login in April 2017 is: 86

Service Provider	Logins
https://www.torrossa.com/shibboleth	21
https://test.torrossa.com/shibboleth	19
https://primologin.cs.garrservices.it/shibboleth	25
https://garbox.cs.garrservices.it/shibboleth	21

Previous dates | Next dates

The IDP Manager can view the usage of the IDP with a simple “Statistics” page.

STEP 6 – Ansible-Shibboleth result

242 hits New Save Open Share

Uses lucene query syntax

Selected Fields

?

Available Fields

-
-
-
-
-
-
-
-
-
-
-
-

▶ **message:** Shibboleth-FTICKS **F-TICKS** /FederationName/1.0#TS=1511771136#RP=https://vconf.garr.it/shibboleth#AP=https://garr-idp-prod.irccs.garr.it/idp/shibboleth#PN=822481fc5088c49091328ec5eb41cee111c14c3a6a2de21c1d226a9d3abf1fe5#RESULT=OK# **fromhost:** garr-idp-prod **facility:** auth **priority:** info **timereported:** November 27th 2017, 09:25:36.000 **timegenerated:** November 27th 2017, 09:25:36.460 **severity:** info **syslogtag:** [qtp353842779-19] **_id:** AV-810I0v1WbGuVEkdXX **_type:** events **_index:** system **_score:** 19.757

▶ **message:** Shibboleth-FTICKS **F-TICKS** /IDEM GARR AAI/1.0#TS=1512048296#RP=https://testopacizs.cineca.it/shibboleth#AP=https://garr-idp-test.irccs.garr.it/idp/shibboleth#PN=39cd3e1ae67b386fa7839a282b7c8a35c384d6b60bd025822e018c1f0371d57#RESULT=OK# **fromhost:** garr-idp-test **facility:** auth **priority:** info **timereported:** November 30th 2017, 14:24:56.000 **timegenerated:** November 30th 2017, 14:24:56.339 **severity:** info **syslogtag:** [qtp353842779-10] **_id:** AWANGr3v1WbGuVEuHYa **_type:** events **_index:** system **_score:** 19.757

▶ **message:** Shibboleth-FTICKS **F-TICKS** /FederationName/1.0#TS=1510240229#RP=https://foodl.org/simplesaml/module.php/saml/sp/metadata.php/saml#AP=https://garr-idp-prod.irccs.garr.it/idp/shibboleth#PN=822481fc5088c49091328ec5eb41cee111c14c3a6a2de21c1d226a9d3abf1fe5#RESULT=OK# **fromhost:** garr-idp-prod **facility:** auth **priority:** info **timereported:** November 9th 2017, 17:10:29.000 **timegenerated:** November 9th 2017, 16:10:29.362 **severity:** info **syslogtag:** [qtp353842779-12] **_id:** AV-hVRg-5N8qjDxxrogQ **_type:** events **_index:** system **_score:** 19.757

▶ **message:** Shibboleth-FTICKS **F-TICKS** /FederationName/1.0#TS=1509960900#RP=https://filesender.garr.it/simplesaml/module.php/saml/sp/metadata.php/default-sp#AP=https://garr-idp-prod.irccs.garr.it/idp/shibboleth#PN=822481fc5088c49091328ec5eb41cee111c14c3a6a2de21c1d226a9d3abf1fe5#RESULT=OK# **fromhost:** garr-idp-prod **facility:** auth **priority:** info **timereported:** November 6th 2017, 11:35:00.000 **timegenerated:** November 6th 2017, 10:35:00.022 **severity:** info **syslogtag:** [qtp353842779-11] **_id:** AV-Qrt3-5N8qjDxxpZQE **_type:** events **_index:** system **_score:** 19.757

▶ **message:** Shibboleth-FTICKS **F-TICKS** /FederationName/1.0#TS=1510057578#RP=https://sp24-test.garr.it/shibboleth#AP=https://garr-idp-prod.irccs.garr.it/idp/shibboleth#PN=822481fc5088c49091328ec5eb41cee111c14c3a6a2de21c1d226a9d3abf1fe5#RESULT=OK# **fromhost:** garr-idp-prod **facility:** auth **priority:** info **timereported:** November 7th 2017, 14:26:18.000 **timegenerated:** November 7th 2017, 13:26:18.418 **severity:** info **syslogtag:** [qtp353842779-12] **_id:** AV-Wcg_95N8qjDxxqEHT **_type:** events **_index:** system **_score:** 19.757

▶ **message:** Shibboleth-FTICKS **F-TICKS** /FederationName/1.0#TS=1510069706#RP=https://foodl.org/simplesaml/module.php/saml/sp/metadata.php/saml#AP=https://garr-idp-prod.irccs.garr.it/idp/shibboleth#PN=b44036d94e6b5a3cab15eae0a50373a081f7f6a84096edbe12008485dcf255b8#RESULT=OK# **fromhost:** garr-idp-prod **facility:** auth **priority:** info **timereported:** November 7th 2017, 17:48:26.000 **timegenerated:** November 7th 2017, 16:48:26.039 **severity:** info **syslogtag:** [qtp353842779-15] **_id:** AV-XkyJA5N8qjDxxqJYT **_type:** events **_index:** system **_score:** 19.757

STEP 6 – Ansible-Shibboleth result

You are here: [Home](#) > [Projects](#) > [SSL Server Test](#) > garr-idp-prod.irccs.garr.it

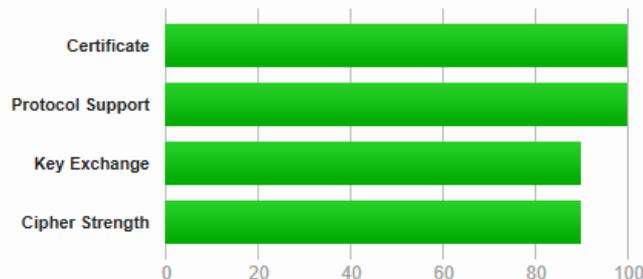
SSL Report: garr-idp-prod.irccs.garr.it (90.147.166.82)

Assessed on: Tue, 15 May 2018 10:32:33 UTC | [Hide](#) | [Clear cache](#)

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Summary

Overall Rating



Visit our [documentation page](#) for more information, configuration guides, and books. Known issues are documented [here](#).

HTTP Strict Transport Security (HSTS) with long duration deployed on this server. [MORE INFO »](#)



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