Libraries EZproxy access mode switch pilot

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Introduction

Hybrid Authentication is an operational scenarios many libraries are currently involved in: online publishers resources can be accessed both via IP based authentication and through a Web Single-Sign-On Session. AARC aims at promoting the adoption of federated credentials in accessing services; This pilot shows how Libraries can effectively use the OCLC EZproxy tool (which they often already have available, acting as an IP proxy) by levering its Acces Mode Switch feature, once configured accordingly. EZproxy can this act as a switch from IP based proxy to access non federated resources to SAML SSO redirect proxy, to entitle users to federated online resources if they own SAML2-IDP provided credentials.

This feature is of great potential in pushing libraries towards the adoption of federated identities and the provisioning of federated credentials to their users: EZproxy is a very popular tool widely adopted by Libraries worldwide, so the goal of this pilot is to show that, after proper configuration, it enables libraries to provide services to their users via Identity Federations and SAML IDPs.

Detailed description

A detailed description of the aim and approach of this pilot and how it maps to the AARC Blueprint Architecture is available here

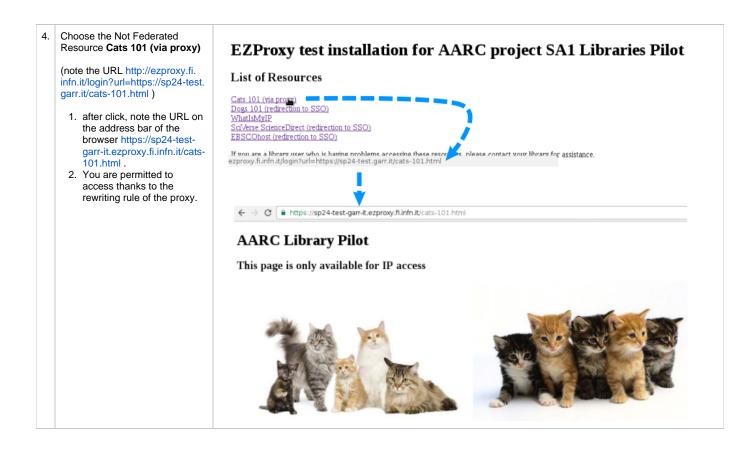
Demonstration Portal

Workflow

For federated users

1.	Access EZ proxy demo instance	Activities 🔋 Google Chrome 👻	Tue 11:22		en
1.		G Edt - LibrariesCock: × A https://login.ezprox: × G Ongoing and Plann: × G Social/DC	CockpitPan ×		A = Ø 11
	at https://ezproxy.fi.infn.it/	C 🗎 https://login.ezproxy.fl.infn.it/login			A
		EZProxy te	st installation for AARC	project SA1 Libraries Pilot	
		Local	access to Library services:	Institutional access to Library services:	
		Please Please	e enter your usemame: e enter your password:	Login with Institution credentials	
			e-Resources li		
			e-Resources I	IST	
			An example of not federated resource: CATS has a construct of the control of	ttps://sp24-test.gam.it/cats-101.html s://sp24-test.gam.it/dogs-101.html	
		1			

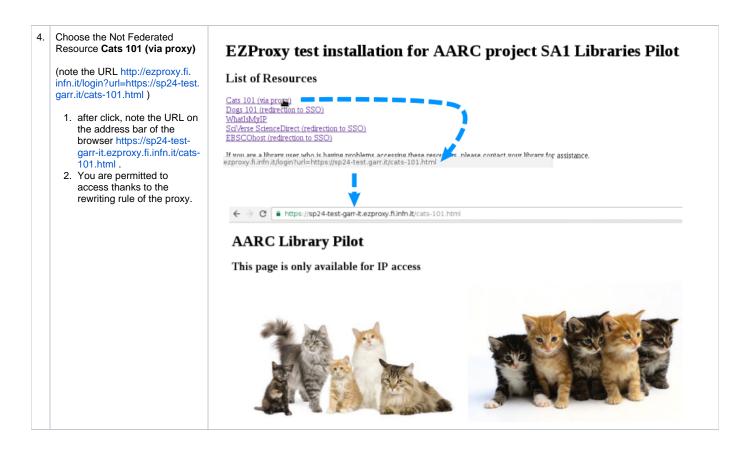
2.	Login to EZproxy portal with your federated ID:	Our Identity Provider (replace this placeholder with your
	 A single direct IdP has been set up on 	organizational logo / label)
	Ezproxy for the purpose of the pilot	Login to ezproxy pilot provided by
	login with the home organisation credentials	GARR > Forgot your password?
	(username: test1 and same password)	Username >Need Help?
	password)	
		Password
		Don't Remember Login
		Clear prior granting of permission for
		release of your information to this service.
		Login
		← → C https://login.ezproxy.fi.infn.it/menu
		EZProxy test installation for AARC project SA1 Libraries Pilot
		List of Resources
		<u>Cats 101 (via proxy)</u> Dogs 101 (redirection to SSO)
		<u>WhatIsMyIP</u> SciVerse ScienceDirect (redirection to SSO)
		EBSCOhost (redirection to SSO)
		If you are a library user who is having problems accessing these resources, please contact your library for assistance. If you are the person who installed EZproxy and have any questions regarding it, e-mail <u>support@oclc.org</u>
3.	Choose the Federated Resource Dogs 101 (redirection to SSO)	EZProxy test installation for AARC project SA1 Libraries Pilot
	(note the URL http://ezproxy.fi.	List of Resources
	infn.it/login?url=https://sp24-test. garr.it/dogs-101.html)	Cats 101 (via proxy) Dogs 101 (redirection to SSQ) WhatISMvIP
	1. after click, note the URL on	SciVerse ScienceDirect (redirection to SSO) EBSCOhost (redirection to SSO)
	the address bar of the browser https://sp24-test.	If you are a library user who is having problems accessing these resources please contact your library for assistance.
	garr.it/dogs-101.html . 2. Your SAML SSO session is	If you are the person who installed EZproxy and have any questions resulting it, e-mail support@oclc.org ezproxy.fi.infn.it/login?url=https://sp24-test.garr.it/dogs-101.html
	active and the page isn't proxied.	seprony manner organization of the standard sector of the
	F	
		← → C ● https://sp24-test.garr.lt/dogs-101.html
		AARC Library Pilot
		This page is only available for IP access and SSO



For non-federated users

1.	Access EZ proxy demo instance at <u>https://ezproxy.fi.infn.it/</u>	Activities Georgia Chrome + Tor 1122 en. + 4 (-0) + / O Stat: UbarriesCock x/ D D Https://dojn.ezgrony.k.dml.kt/ojn (-0) + (-0) + (-0) +		
		EZProxy test installation for AARC project SA1 Libraries Pilot		
		Local access to Library services: Institutional access to Library services:		
		Please entry your memanic Please entry your passwood Login with Institution condentials		
		e-Resources list		
		An example of not federated resource: CATS <u>https://gk4-ent.gar/ik/ae-101.html</u> An example of federated resource: DOCS <u>https://gk4-ent.gar/ik/ae-101.html</u>		

2.	Login to EZproxy portal as a	← → C ● https://login.ezproxy.fi.infn.it/menu		
	 A single IdP has been set up on Ezproxy for the purpose of this scenario login from an IP address already registered on the idp (please write your IP CIDR to monticini@garr.it) you won't be asked for username / password and your ESPA attribute value is library-walk-in@garr.it 	Theps://iogin/22proxy.test installation for AARC project SA1 Libraries Pilot List of Resources Cats 101 (via proxy) Dogs 101 (redirection to SSO) What/sMvIP SciVerse ScienceDirect (redirection to SSO) EBSCOhost (redirection to SSO) If you are a library user who is having problems accessing these resources, please contact your library for assistance. If you are the person who installed E2proxy and have any questions regarding it, e-mail support@oclc.org		
3.	Choose the Federated Resource Dogs 101 (redirection to SSO) (note the URL http://ezproxy.fi. infn.it/login?url=https://sp24-test. garr.it/dogs-101.html) 1. after click, note the URL on the address bar of the browser https://sp24-test. garr.it/dogs-101.html . 2. Your SAML SSO session is active and the page isn't proxied.	EZProxy test installation for AARC project SA1 Libraries Pilot List of Resources Day 10 (reduction to SS0) Provide the definition of SS0 If you are a library user who is having problems accessing these resources please contact your library for assistance. If you are de albrary user who is having problems accessing these resources please contact your library for assistance. If you are de albrary user who is having problems accessing these resources please contact your library for assistance. If you are de albrary user who is having problems accessing these resources please contact your library for assistance. If you are de person who installed E2proxy and have any questions retricting it, e-mail support@ocdc.ors Egroxyfi.infni.it/login/turl=https://sp24-test.garr.it/dogs-101.html		



Components

Benefits

Demo Video



Transcript https://drive.google.com/open?id=0B6nLU4k7ZZvfcGNybTFXZ0VaRlk

Benefts

- 1. A user use only one unified method of authentication to access both federated and not federated resources
- For each resource the Library logs the access in a unified way. If a Resource is federated, only federated access will be allowed, and IP based auth wont be permitted anymore. If a Resource is not federated, the user gets the access via IP address auth, and the proxy will log the access o that resource in this way.