Shibboleth IdP v3 è End Of Life! e ora?

SERVIZIO IDEM GARR AAI

Marco Malavolti

Barbara Monticini

Davide Vaghetti

Migrare a Shibboleth IdP versione 4

28-29-30 Ottobre 2020

Agenda

- Benvenuti!

- GARR e il Consortium Shibboleth

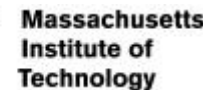- Shibboleth Development Roadmap

- Organizzazione del corso

Shibboleth IdP v3 è End Of Life! e ora?

SHIBBOLETH CONSORTIUM

Shibboleth Consortium Board

Steve Zoppi and Kevin Morooney – Internet2 representatives

Joe Steele and Rhys Smith – Jisc representatives

Manne Miettinen – NORDUnet representative

Scott Cantor – Developer representative

Davide Vaghetti – Members' representatives, GARR

Wolfgang Pempe – Members' representative, DFN-Verein

Shibboleth Income and Expenditure: 1 January 2020 - 31 December 2020

in GBP

EUR exchange rate	0.91
USD exchange rate	0.77

Income	1st Jan - 30 Sep 2020	2020 forecast
SWITCH (Jan)	£42,500	£42,500
MPASSid (CSC) (Feb)	£10,888	£10,888
MIT (Feb)	£4,520	£4,520
Temple University (Feb)	£7,467	£7,467
Texas State University (Mar)	£4,713	£4,713
Uni of North Carolina at Charlotte (Mar)	£4,794	£4,794
Stockholm School of Economics (Mar)	£2,184	£2,184
University of Texas at Austin (Apr)	£7,163	£7,163
GakuNin (Apr)	£11,122	£11,122
CESNET (May)	£10,923	£10,923
RNP (May)	£10,926	£10,926
CINECA (June)	£5,275	£5,275
Los Rios Community College District (June)	£6,923	£6,923
Oakland University (June)	£4,610	£4,610
Brown University (June)	£6,787	£6,787
Pacific Lutherean University (June)	£2,315	£2,315
Cincinnati Children's Hospital Medical Center (June)	£4,586	£4,586
James Madison University (June)	£4,775	£4,775
University of Illinois Urbana-Champaign (July)	£6,866	£6,866
Marymount University (July)	£2,293	£2,293
University of Michigan (July)	£7,161	£7,161
Uni of Wisconsin-Madison (July)	£6,828	£6,828
Internet2 (July)	£63,917	£63,917
University of Montana (Dec)	£2,307	£2,307
JISC (Aug)	£62,000	£62,000
DFN (Aug)	£45,228	£45,228
University of Washington (Sep)	£6,920	£6,920
Marist College (Sep)	£6,920	£6,920
Belnet (Sep)		£11,375
CANARIE (Sep)	£11,370	£11,370
Cornell University (Sep)	£6,727	£6,727
Aktia Bank PLC (Sep)	£9,114	£9,114
LIGO Scientific Collaboration (Oct)	Invoice out	£4,550
Johns Hopkins University (Oct)		£6,825
University of British Columbia (Oct)		£6,825
ACOnet (Oct)	Invoice out	£11,375
HEANet (Oct)	Invoice out	£11,375
University of Chicago (Nov)		£6,825
University of Oxford (Nov)		£6,825
Ohio State University (Nov)	£6,879	£6,879
Deakin University (Nov)		£6,825
DAASI (Nov)		£4,550
GARR (Nov)		£11,375
Lawrence Berkeley National Laboratory (Nov)		£2,275
Southern Methodist Uni (Dec)		£4,550
RENATER (Dec)		£22,750
NORDUnet (Dec)		£63,700
KU Leuven (Dec)		£6,825
Sheridan College (Dec)		£4,550
Stanford University (Dec)		£6,825
Lafayette College (Dec)		£2,275
University of Toronto (Dec)		£6,825
University of Virginia (Dec)		£6,825
Brandeis University (Dec)		£4,550
Gjaldstovan Talgildu Foroyar (Dec)		£11,375
Avasad (Dec)		£2,275
Donations		
TIER packaging work item		
Balance carried forward at year end	£624,135	£624,135
Total Income	**£1,021,136**	**£1,255,461**

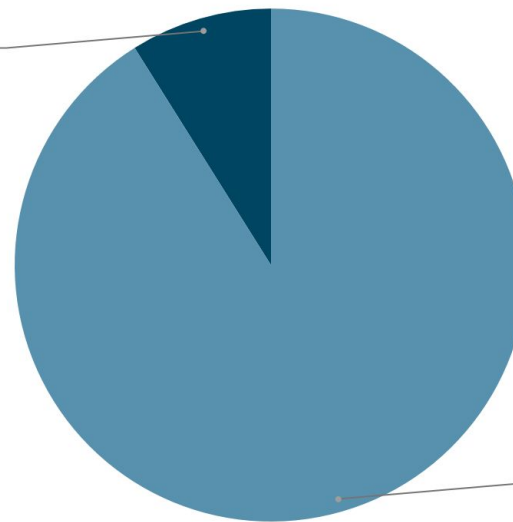| Expenditure	1st Jan - 30 Sep 2020	2020 forecast	Jan-20	Feb-20	Mar-20
Developer contract (Dragonacea) *	£ 60,428.00	£ 79,611.84	6591	6622	6890
Developer contract (Dytrino) *	£ 4,983.00	£ 9,862.78	827	0	849
Developer contract (Ian Young) †	£ 56,984.22	£ 107,404.80	7250.58	7722.84	4667.04
Developer contract (Steading System Software) †	£ 53,562.96	£ 87,700.80	4884	5676	5280
Developer contract (Nimble IDM) †	£ 30,113.00	£ 50,387.94	3777	3611	3508
Developer contract (Jisc)	£ 46,800.00	£ 62,400.00	5200	5200	5200
Developer contract (Ohio State Uni)	£ 57,939.00	£ 85,578.51			
Developer contract (Georgetown Uni)	£ 39,447.00	£ 75,376.22			
Developer contract (John O'Brien)	£ -	£ 19,404.00			
Consortium Manager	£ 28,260.00	£ 37,680.00	3140	3140	3140
Infrastructure	£ 1,400.00	£ 3,000.00			1127
Website and templates	£ 17,610.00	£ 46,800.00			
OpenID Foundation	£ 80.00	£ 80.00			
Travel & conference expenses	£ -	£ 3,000.00			
Total Expenditure	**£ 397,607.18**	**£ 668,286.89**			
Total Balance	**£ 623,528.56**	**£ 587,173.85**			

* Dragonacea (Tom Zeller) and Dytrino (Daniel Fisher) are paid in USD, including VAT @ 20%

† Nimble IDM (Henri Mikkonen), Ian Young and Steading System Software (Rod Widdowson) figures include VAT @ 20%
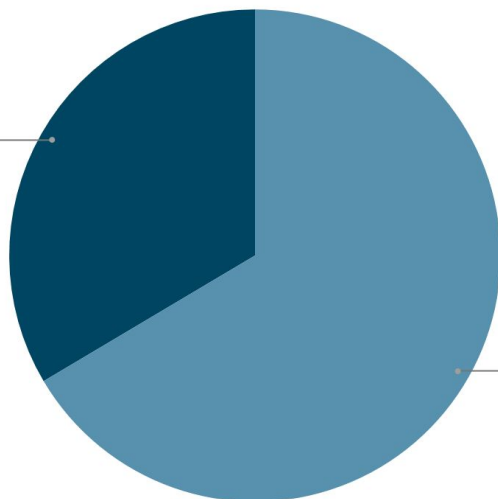
Shibboleth IdP User Base

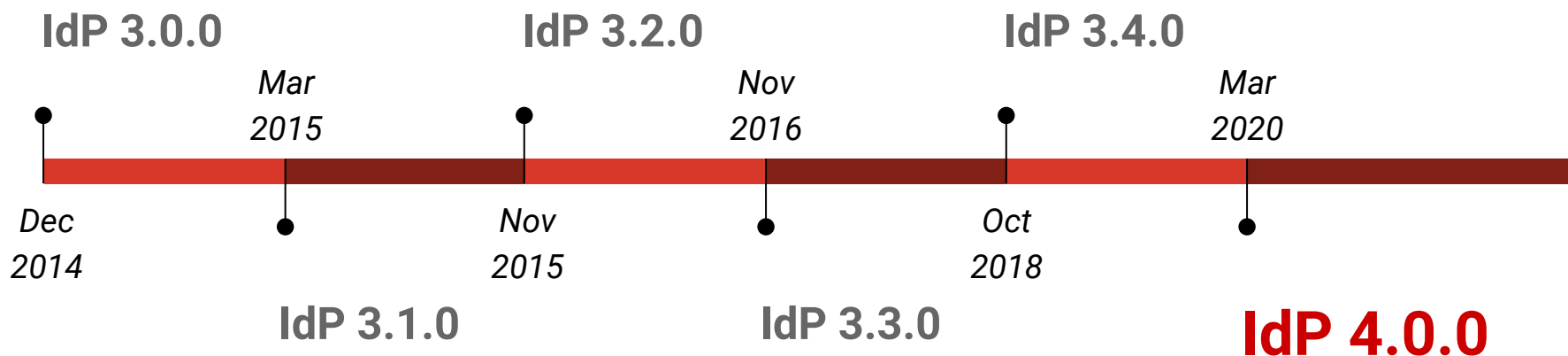Other (10)
8.9%

ShibIdP (102)
91.1%

Other (1355)
33.5%

ShibIdP (2687)
66.5%

https://registry.idem.garr.it/idem-tools

Shibboleth IdP Releases

IdP 3.0.0

Mar 2015

IdP 3.2.0

Nov 2016

IdP 3.4.0

Mar 2020

Dec 2014

Nov 2015

Oct 2018

IdP 3.1.0

IdP 3.3.0

IdP 4.0.0

Shibboleth ==Development Roadmap==

Nuovo ciclo di sviluppo -> una major release l'anno

- **IdP V4++** - OpenID Connect (OIDC)
  - Migrazione estensione IdP sul repository di Shibboleth
  - Per ora niente supporto OIDC per Shibboleth SP (risorse)
- **IdP V4++** - Shibboleth IdP Proxy
  - Già implementato SAML (SP)
  - Implementazione OIDC (RP) in corso
- **IdP V5**
  - Nuova libreria OpenSAML V5
  - Plugin OIDC nativo

I Docenti

Barbara Monticini

IDEM Help

IDEM Deputy presso eduGAIN

Gestione Risorse elettroniche

Marco Malavolti

IDEM Help

Development & Operations

HOWTOs

1 — **2** — **3** — **4** — **5**
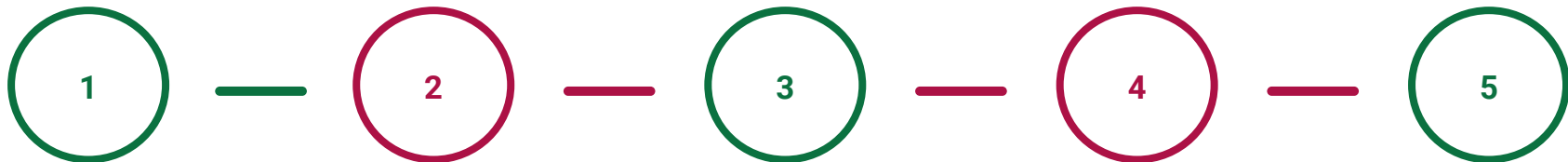
**28 Ottobre 2020
10:30-12:00**

Novità Shibboleth
IdP V4

Preparare la
migrazione da IdP V3

**28 Ottobre 2020
POMERIGGIO**

ESERCIZI

Preparazione file
e dati di
configurazione
per la migrazione
da IdP V3.

**29 Ottobre 2020
10:30-12:00**

Verifica ESERCIZI

Installazione IdP V4

Migrazione e
configurazione V4
parte 1

**29 Ottobre 2020
POMERIGGIO**

ESERCIZI

**Installare Shib IdP
V4**

**Configurare Shib IdP
V4 e migrare le
configurazioni da
IdP V3**

**30 Ottobre 2020
10:30-12:00**

Verifica ESERCIZI

Consolidamento

Analisi casi
significativi

Recap

Bonus track (tempo
permettendo)

PER FARE DOMANDE

Andate su **https://menti.com/**

e inserite il codice: **12 66 75 5**

Risorse

Pagina del corso su learning.garr.it

https://learning.garr.it/enrol/index.php?id=121

HOWTO Shibboleth IdP V4 Debian/Ubuntu

https://github.com/ConsortiumGARR/idem-tutorials

HOWTO Shibboleth IdP V4 Centos/RHEL

https://github.com/ConsortiumGARR/idem-tutorials

Repository Git corsi IDEM Shibboleth IdP

https://github.com/ConsortiumGARR/idem-shib-idp-course

Cartella condivisa su GARRbox

https://gbox.garr.it/garrbox/index.php/s/4EbO3vnzACZPcj2

Email dedicata al corso

idem-ws2020@garr.it