

AAF Workshop – August 2007

When: 27-29 August 2007

Where: Macquarie University, Sydney, Yerbury & Whitely room – SAM Building (C10A)

RSVP: before 22 August to Bruc Liong (bruc.liong@melcoe.mq.edu.au)

AAF Website: <http://www.aaf.edu.au>

Meals: Morning/Afternoon Tea and Lunch will be provided

AAF (MAMS and AusCERT/UQ) will host a free 3-day Federation Workshop at Macquarie University in Sydney. The Workshop will provide preparation for transition to the Australian Access Federation and technical information and guidance for participants to join the Shibboleth-based MAMS Testbed Federation and a Public Key Infrastructure (PKI) hands-on component.

Objectives of this hands-on workshop:

- participants will be able to Shibbolize service providers by themselves;
- participants will be able to setup and manage their Identity Provider;
- participants will be able to setup and manage a certification authority and issue certificates.

The intended audience, therefore, are technical architects and developers at HE and research institutions. If you know a colleague that would like to attend to, forward him this message and ask him to register (first come, first go).

The workshop consists of two parts, the first 2 days (27 and 28 August) will be full discussion on Shibboleth and the last day (29 August) will be a Public Key Infrastructure (PKI) hands-on workshop.

The Program:

- Introduction to the Australian Access Federation (what it is, what are the benefits, how can you join)
- Introduction to Shibboleth federations (what it is, what it can do for you)
- How to setup an Identity Provider (IdP)
- How to setup a Service Provider (SP)
- How to "Shibbolize" an application
- LDAP resolver back-end
- Attribute exchange between IdP and SP
- Attribute Release Policies (ARP) and Attribute Acceptance Policies (AAP)
- ShARPE & Autograph (including Service Description File, Attribute Mapping)
- Log file explanation; SAML assertions examination
- Certificates, Synchronizing time
- Introduction to IAMSuite (Identity & Access Management suite for Virtual Organizations)
- Advanced topics reserved for 2nd half of 28th August (send me email if you'd like some topics to be discussed)
- Introduction to the technical foundations of PKI
- Introduction to the PKI features of the AAF
- How to set up the PKI components: Certification Authority and Registration Authority, including the processes involved (a hands-on workshop installing and using OpenCA software)
- How to issue and manage certificates

- Work through example certificate use cases
- Discussions on certificate profiles under the AAF
- Discussions on PKI best practices within the AAF

Requirements:

Participants will bring their own laptops, which require:

- Hardware:
 - o Wireless network with 802.11G (eduroam will be enabled too).
 - o No wired Ethernet will be provided.
 - o *Optional:* If they want a copy of their vmware images, they also need to have approx 8GB free on their HD.
 - o Optical drive capable of reading DVDs (for PKI workshop)
 - o A USB flash drive (for PKI workshop)
- Software:
 - o SSH Client + X windows (on windows you can install cygwin + X)
 - o Web browser
 - o *Optional:* VMware Workstation or Server suggested for the PKI workshop, if delegate wants to run their own VM.

Accommodation:

Hotels in the Macquarie University area:

The RANCH	
Accommodation Type:	Motel/Hotel
Location:	Intersection between Epping Road and Herring Road, North Ryde
Telephone:	+61 2 9887 2411
Distance to MQ Campus:	5 to 10 minutes walk to Campus
The Stamford Grand North Ryde	
Accommodation Type:	Hotel
Location:	Corner of Epping and Herring Roads, North Ryde
Telephone:	+61 2 9888 1077
Distance to MQ Campus:	5 to 10 minutes walk to Campus
Travelodge Macquarie North Ryde	
Accommodation Type:	Hotel
Location:	81 Talavera Rd
Telephone:	+61 2 8874 5200
Distance to MQ Campus:	On Campus
The MGSM Executive Hotel	
Accommodation Type:	Hotel
Location:	On Campus
Telephone:	+61 2 9850 9300
Distance to MQ Campus:	On Campus

Map of Macquarie University can be found at http://www.bgo.mq.edu.au/maps_campus.htm.

We are going to announce minigrant scheme awarding up to \$40,000 to seed development in Shibbolizing services and contributing such services to the Federation shortly in October. There will be a workshop in mid November 2007 for those who have been selected for minigrant and any development costs incur between the dates of above two workshops could be claimed as part of minigrant's expenses.

Hope to see you soon,

Cheers,

Bruc Liong

Bruc Lee Liong

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