**UK e-Infrastructure Security and Access Management Working Group**

**Date:** Friday 18th September 2015

**Venue:** Brettenham House, 5 Lancaster Place, London, WC2E 7EN

**Present**:

Stephen Booth (EPCC), Andrew Cormack (Jisc (Chair)), John Chapman (Jisc), Paul Kennedy (University of Nottingham), David Salmon (Jisc), David Kelsey (STFC), Jens Jensen (STFC), Dave Britton (Glasgow), Alan Real (Leeds).

**Apologies:**

Andy Richards (Oxford e-Research Centre), Darren Hankinson (University of Manchester), Josh Howlett (Jisc), Steven Newhouse (EBI).

1. Actions from previous meeting
   1. Papers should be presented at PDG and RCUK meetings   
      Ongoing - should have hard copies of all 4 documents ready for next PDG meeting which can be presented.
   2. SB to present back on 15th May meeting.  
      On agenda
   3. AC to work on Policy document and coordinate with Matthew Dovey (Jisc) on overview document.  
      On agenda
2. Policy white paper review and approval - AC
   1. The group provided useful feedback on the document that AC will address.
   2. The discussion included comments regarding the complexity of e-infrastructures and that all the roles quoted could be combined in many ways. It was also noted that not meeting a certain policy could just be a risk decision, but that it could impact on compliance and may impact on other parties.

ACTION - AC to update and circulate Policy paper via email.

ACTION - ALL to approve or otherwise via email. Silence will be taken as approval.

1. Overview paper discussion - AC
   1. AC has discussed the paper with Matthew Dovey (Jisc) who will present at the next meeting on the wider view of research.
   2. A number of editorial suggestions were made including a suggestion to refer to industry liaison and to use or reference the RCUK definition of e-infrastructure “e-Infrastructure refers to a combination and interworking of digitally-based technology (hardware and software), resources (data, services, digital libraries), communications (protocols, access rights and networks), and the people and organisational structures needed to support modern, internationally leading collaborative research be it in the arts and humanities or the sciences.   
      <http://www.rcuk.ac.uk/research/xrcprogrammes/otherprogs/einfrastructure/>.

ACTION - AC to update and circulate Overview paper via email.

ACTION - ALL to approve or otherwise via email. Silence will be taken as approval.

1. SAFE update - SB
   1. Currently putting together proposal to EPSRC to fund some AAAI developments.
   2. Initial phase - limited set of pilot projects
      1. Partly about widening applicability of SAFE.
      2. Partly about SAFE/Moonshot integration.
   3. Later phase more ambitious similar to previous unsuccessful DiRAC/GridPP straw-man.
      1. Certificate/VOMS integration.
      2. Much wider focus than just SAFE.
   4. Slides detailing the pilots are attached.
2. Safe share update- JC
   1. Higher Assurance Network (HAN) project:
      1. This stream will provide a number of virtual network overlays that will be accredited to specific information assurance levels. The project is working closely with the Cabinet Office as the pilot is aiming to achieve Official accreditation for the PSN “service slice”. This accreditation will provide a foundation for other use cases such as the ADRN where specific levels of information assurance accreditation are required. The safe share project envisages three “service slices” as separate virtual overlays: Farr, ADRC/ADRN, PSN.
      2. The safe share project team undertook a series of site visits over the summer which helped finalise the design and the equipment needed. We did some bench testing to verify our choices and have ordered equipment. This has now been delivered to our NOC and pre-staging is about to start.
      3. Aiming to start installation at end sites this side of Christmas if they are able to accommodate us in this time frame.
      4. For accreditation we met with the Pan Government Accreditor yesterday and he now understands what we are doing and why. We have another meeting with him and the PSN team at the end of the month.
      5. We are currently looking at Q3 2016 for ISO27001.
   2. AAAI project:
      1. Some changes have been made to the originally envisioned use cases. Personnel and governance issues mean the Oxford Clinical Trials Service Unit (CTSU) proposal to look at authenticating potential collaborators for involvement in a dementia research proposal is on hold.
      2. The HPC pilot N8 - AR is ready and waiting for other sites to connect as Leeds has signed up to Assent and has implemented the technology. Sheffield has also signed up to Assent, and Manchester in the process of doing so.
      3. The Swansea pilot has shown that VMware Horizon cannot be used with Assent so Swansea will investigate implementing Moonshot with Keystone/OpenStack as a method of authentication for use in the CLIMB project (http://www.climb.ac.uk/).
      4. eMedlab pilot - Crick has signed up to Assent as part of the eMedLab pilot; and Sanger is in the process of doing so and EBI are discussing it. Waiting for a decision on what service(s) will be used. We can then work with them to implement Moonshot.
3. AARC update – DK/JJ
   1. The goal of AARC is to avoid creation of project-specific AAIs and build on existing federated solutions.
   2. See <https://aarc-project.eu/events/aarc-kick-off/> for more information.
   3. Funding is mainly on training and dissemination with a steer to not do any development.
   4. Questions AARC aims to solve include “Can we get policy coordination to scale?”; “How can we share necessary accounting?”
   5. Will also look at attribute providers as well as IdPs and SPs.
   6. The architecture work package is looking at how much similarity there is between existing infrastructures.
   7. JRA1 will produce documents e.g. Terms of Use, Established Practices etc.
   8. SA1 will pilot ‘real things’ such as use of guest identities e.g. Social identities and potentially Moonshot and SAFE.

ACTION – JC to see if Stefan Paetow (Jisc) is attending the next AARC meeting in November.

ACTION – JC to send JJ details of GÉANT Moonshot activity.

1. AoB – PDG Papers:
   1. JC had circulated 2 PDG papers that had previously been sent to the HPC-SIG list as they looked relevant to this group: “Cloud Computing for Research & Innovation” and “Imagining the UK National Data Infrastructure”.
   2. DB explained the history of these documents and they were both discussed.
   3. Some parts aren’t entirely accurate, however the documents are raising the profile and awareness and pushing the national agenda.
   4. We could use things in the documents to support points we want to make, but although individuals may want to provide feedback we do not need to respond as a group.
   5. We can support the intentions with ideas for projects that could be funded e.g. SAFE.
   6. Jisc's end to end performance project may be relevant for dealing with the campus issues mentioned

ACTION - DS to talk to Tim Chown (Jisc) about linking up with end to end performance.

ACTION AC to talk to Dan Perry (Jisc) about the type of cloud contract models he is thinking of and whether this group can have input.

1. AoB – Relevant events
   1. JJ mentioned the UK-T0 event happening at RAL 20-21st October. Matthew Dovey is attending for Jisc, but JJ thought it would be useful for someone from this group to attend.
   2. JC and DK are attending the joint SCI and SIG-ISM Wise Information Security for collaborating E-infrastructures workshop 20-22 October. The workshop’s objective is to enhance the collaboration among large e-infrastructures and NRENs and their communities on handling security information. WISE also wants to provide tools to enhance the general knowledge about security among the partners. See <https://eventr.terena.org/events/2200>.

ACTION - DS to ask Tim Chown (Jisc) if he can attend UK-T0.

* 1. Hard copies of this group’s papers are available from AC if anyone wants them for events they are hosting or attending.

1. AoB – Future meetings
   1. AC asked if anyone had suggestions for topics that this group should cover at future meetings.
   2. Suggested themes were: bridging infrastructures; moving 5PB of data from GridPP to RAL; implementing security in the cloud, speakers from Rolls Royce and Loughborough.
2. Review and agreement on actions
   1. ACTION - Papers should be presented at PDG and RCUK meetings – Jisc (carried over from May meeting)
   2. ACTION - AC to update and circulate Policy paper via email
   3. ACTION - ALL to approve or otherwise via email. Silence will be taken as approval.
   4. ACTION - AC to update and circulate Overview paper via email
   5. ACTION - ALL to approve or otherwise via email. Silence will be taken as approval.
   6. ACTION – JC to see if Stefan Paetow (Jisc) is attending the next AARC meeting in November.
   7. ACTION – JC to send JJ details of GÉANT Moonshot activity.
   8. ACTION - DS to talk to Tim Chown (Jisc) about linking up with end to end performance.
   9. ACTION AC to talk to Dan Perry (Jisc) about the type of cloud contract models he is thinking of and whether this group can have input.
   10. ACTION - DS to ask Tim Chown (Jisc) if he can attend UK-T0.
3. Date of Next Meeting: January 2016 – date to be advised