

JANET Development Update Bulletin

July 2007 Edition 1.2



NAME CHANGE

On June 7th, The JNT Association officially changed its trading name from UKERNA to JANET(UK). This was done to bring the trading name in line with that of the JANET network and services, which are widely known throughout the UK and internationally.

The change of trading name will cause no disruption to our service; all current contracts with third parties will continue to run as previously. This change is designed to reduce confusion and will simplify things for our customers and consolidate our operations under the JANET brand.

For further details: [http://www.ja.net/latest/news/2007/janet\(uk\).html](http://www.ja.net/latest/news/2007/janet(uk).html)



INTEGRATION OF SHIBBOLETH TECHNOLOGY INTO JANET SERVICES

Shibboleth capability has now been fully integrated into the JANET Videoconferencing Booking Service and JISCmail, allowing UK federation members to access these services using the same username and password as with other services available to them as a UK federation member.

For further information:

JANET Videoconferencing Booking Service - <http://www.ja.net/latest/news/shibbservices.html>

JISCmail - <http://www.ja.net/latest/news/jiscmail.html>



UK ACCESS MANAGEMENT FEDERATION WORKSHOP

JANET(UK) will be running a one day access management workshop on 17th September 2007 at Woburn House, London. This event is aimed at anyone interested in finding out more about the UK Access Management Federation.

For further details and to book on to the event, please go to: <http://www.ja.net/services/events/calendar/2007/ukfederationbriefing/index.html>

For further information about the UK federation, please see <http://www.ukfederation.org.uk/>



JANET - FIRST IN EUROPE TO OFFER 40GBIT/S WITH NON-AGGREGATED CLIENT SIGNAL

JANET(UK) has commenced a 40Gbit/s trial to take place on one of the busiest parts of its network, connecting the Canary Wharf and Kings Cross points of presence (POP) in London. It is the first National Research and Education network in Europe to support 40Gbit/s over a single channel operation at both the transmission and IP levels.

JANET has worked with Verizon Business, Ciena, Juniper and Alcatel-Lucent to run the trial; It has already begun to run production traffic over the link between the 2 PoPs and following results of the trial plans to upgrade to the core backbone by June 2008.

For further information: <http://www.ja.net/latest/news/2007/40g.html>



802.1X SUPPLICANT

JANET(UK) is to help deliver an open-source supplicant technology, in partnership with the OpenSEA Alliance. The recently formed alliance includes members from leading networking and security companies including Extreme Networks, Identity Engines, Infoblox, Symantec Corporation, TippingPoint, and Trapeze Networks. The supplicant will assist institutions in managing secure access to their networks through the use of 802.1X technology.

Further details can be found on: <http://www.ja.net/development/aa/802.1x.html>



CALL FOR PARTICIPATION - 802.1X SUPPLICANT

A call for participation has recently been issued to request participation in the testing of the 802.1x supplicant. The trials will focus on testing, bug fixing and documentation. The call finishes on 20th July 2007.

For further information: <http://www.ja.net/development/aa/documents/CallforProposals802.doc>



JANET COLLABORATES WITH OSTN TO PROVIDE STUDENT TV

JANET has signed a MOU (memorandum of understanding) with OSTN to provide an IPTV package of channels, including a channel produced solely by students over JANET – this will allow institutions access to educational, foreign language, news, and entertainment IPTV content and services. OSTN provides the only 24/7 worldwide channel exclusively devoted to student-produced programming, airing content from over 50 higher education institutions.

For further details: <http://www.ja.net/latest/news/StudentTV.html>



IPTV AND NETWORK VIDEO

The results of the recent content requirements study was completed in June, along with a survey to determine the requirements for IPTV student television and off-site content storage on JANET. The results and further information will soon be available on:

<http://www.ja.net/development/iptv/>



IPTV BRIEFING EVENT

JANET will be running a briefing event on IPTV on 4th October 2007 at UCL, London.

Further details and booking information will be available soon at: <http://www.ja.net/services/events/calendar/2007/index.html>



NETWORK ACCESS, MOBILE IP AND LLU

A number of Network Access programmes are being launched by JANET(UK) this summer.

A call for Participation in the mobile IP programme has recently been issued. For further information, see the link below.

Mobile IP offers the potential of facilitating convergent VoIP deployment and the administration of large WLANs, and is a significant enabling technology for users of mobile devices.

Soon to follow are Calls relating to Local Loop Unbundling (the use of DSL both to provide connectivity to sites previously considered too expensive to connect to JANET and to provide cheap diverse resilience links) and Location Awareness (exploiting the client location data already embedded in existing wireless LANs to offer a richer user experience and new classes of security and control applications) <http://www.ja.net/development/network-access/mobile-ip/>



EVENT

WIRELESS TECHNICAL BRIEFING EVENT

A wireless technical briefing event will be held on 25th October at Manchester Conference Centre. It is aimed at all individuals tasked with or who are investigating the implementation of wireless technology within their organisation.

Further details of the event will be available soon on:

<http://www.ja.net/services/events/calendar/2007/index.html>



WIRELESS ADVISORY GROUP

A short reminder to all users /potential users of wireless networks - the Wireless Advisory Group has been fully operational since April of this year and available to all users within the education and research sectors. The service is free to all JANET connected sites and offers wide ranging and vendor-independent advice on technologies and implementation of wireless technologies. Technical documentation and case studies are also available as part of the service as well as additional consultancy for in-depth support. For further information:

<http://www.ja.net/development/wireless/wag/index.html>



FURTHER INFORMATION

For further information, please contact JANET Service Desk:

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Email: service@janet.ac.uk

Website: <http://www.ja.net/development/index.html>

Mailing list: <http://www.jiscmail.ac.uk/lists/JANET-DEVELOPMENT.html>