From JPNIC

Dear Readers,

JPNIC's late autumn is characterized by Internet Week, an annual Internet technical conference organized by JPNIC. This year's Internet Week will be held from November 29 to December 2, with more than 40 sessions on various themes. This Issue 64 is published to coincide with Internet Week every year, and "Special Article 1" covers this event. The theme of Internet Week 2016 is "Capture the Essence!" It was unanimously decided by the Program Committee to convey the message, "We want to cultivate together the capability to capture essences, rather than just knowing the simplistic answer or solution."

"Special Article 2" covers the recent development on the transition of the IANA stewardship. NTIA, the US Department of Commerce's National Telecommunications and Information Agency, announced its intention to transition key Internet domain name functions, or IANA functions, to the global multi-stakeholder community in March 2014. Two and half years since then, the people involved in the global Internet community have been participating enthusiastically to develop the stewardship scheme after NTIA hands it over. This transition was finally completed on October 1, 2016. This was a historic and iconic moment for the global Internet and its community to commence administering the Internet in the private sector.

"A Scene on the Internet History" focuses on the "Launch of the OCN and the OCN Economy Service." The OCN Economy Service by NTT Communications was launched effectively as the very first Internet access service on T1 DSL access lines that residential customers could afford. While it was still not cheap for ordinary households, it was a revolutionary consumer service for which heavy users were very keen.

For "Introducing JPNIC Member," we visited and interviewed "Cyber Kansai Project"(CKP) which celebrates its 20th anniversary this year since its launch in 1996 after a successful network project for the Asia Pacific Economic Cooperation (APEC) Osaka Meeting in 1995. Many may recall the late Dr. Suguru Yamaguchi, who passed away in May 2016, as he led the CKP from its launch. This has involved not only network engineers but content providers, with the key phrase "Let's do something exciting together" in their minds. Their think-different approach derived a number of new services at that time which are eventually very familiar to us.   Please enjoy their story, with the background of the launch and passion as a Kansai-based project, some of which may have not been untold and behind the scenes.

"Internet terms in ten minutes" introduces "NAT64 and DNS64 technologies" which are drawing big attention as the transition technologies for the IPv6 network. They enable terminals only with an IPv6 address to access the services with just an IPv4 address. Apple, for instance, requires all application developers to enable the applications to work on the IPv6 only network, and further it requires access to IPv4 hosts with compatibility to NAT64 and DNS64. These are the reasons this is attracting a lot of attention.

This Issue 64 also covers many reports like ICANN Helsinki, IPv6 seminar in Sendai, Janog 38, JPNIC open policy meeting, RIPE 72, APrIGF 2016 and IETF 96 Meeting.

We do hope this newsletter will be valuable to many readers. Your comments and feedback are always welcome at jpnic-news@nic.ad.jp and highly appreciated.