Dear Readers,

This issue of the newsletter highlights the following two special articles.

Now, it's that time again this year! In Special Article 1, we cover Internet Week 2022. This year's theme is "The Internet Compass - Steer the a Course for the Future!", which expresses our hope that Internet Week could will act as be a compass for those involved in the Internet. Thanks to your tremendous support, Internet Week celebrated its 25th-anniversary last year in 2021. This year marks the start of a new quarter century. In this milestone year, we will once again consider the role of Internet Week. In addition, one of the new challenges this year is to hold the event in an on-site and online hybrid format. For the past two years, the conference was held online due to measures against COVID-19, however this year we offer on-site sessions in addition to online sessions during the latter three days of the conference. We hold hybrid sessions, especially for programs where lively exchanges of opinions between speakers and participants are to be essential.

In Special Feature 2, we focus on the registration and search service for public key information on for PGP, which had been provided at "pgp.nic.ad.jp" which and was terminated on September 30, 2022. Since its release, it had been used for registration and search for PGP public keys on public servers since its release. However, we have decided to discontinue this service because we believe that it has fulfilled its role in providing such a service . This page article is a review of the service as a page in the history of the Internet.

In "Prologue to the Internet: its Technologies and Services", the "JP29-type-robot "Nic-kun" and Dr. Netson of the Internet research institute explain the development of cloud storage services. Online storage services have become widespread since around 2010 when smartphones became popular. Let's take a look at how cloud storage services, with their ability to provideof data synchronization, have evolved over the years.

In "Pick Out!", we introduce featured articles from the JPNIC blog. This time, we feature an article on the launch event, held on April 28, 2022, in a hybrid face-to-face and videoconference format on April 28, 2022, where "The Declaration for the Future of the Internet" was presented. The Declaration was proposed by partner countries including the United States, European countries, Australia, New Zealand, Japan, multiple countries in Europe, and others.so on and It was endorsed by over 60 countries and regions. For the full text, visit https://blog.nic.ad.jp/2022/7530/ !!

"Introducing JPNIC Members" focuses on a particular JPNIC member engaged in interesting activities. This time, we visited Unitas Global Co., Ltd., headquartered in Chiyoda-ku Tokyo. They have earned the trust of their customers for their low-latency network environment enabled by their unique intelligent routing technology , positive problem-solving skills, and bilingual support for customers' global business development. In May 2022, they joined Unitas Global, headquartered in Illinois, USA, allowing them to be more competitive oin services. Not justBoth their business is unique, theirand culture areis unique as well. Their president and all employees are fully committed to entertaining and delighting not only their customers, but all stakeholders., And they have produced a music video (https://youtu.be/5bSItHjuaHE) to commemorate their 20th anniversary. During the interview, we got to hear a variety of impressive stories, including

their philosophy on business and human resources.

"The Internet Loves You" is a corner in which we introduce a person who is active in the Internet industry. This time, we introduce Dr. Takahiro Nemoto, who is engaged in research, at The Tokyo University of Agriculture and Technology (TUAT), focused on university network operations, internationalized technologies, internationalized strings, etc., while also beingHe is also active in the Internet Engineering Task Force (IETF) and Internet Society Japan Chapter (ISOC-JP). Although he has a career as a researcher in the field of the Internet, it was not until he entered graduate school that he became deeply involved in the Internet. He talks about his experiences, and influences, he had and his goals for the future.

In our "10 Minute Internet Course", we explore the keyword "Quantum-Resistant Cryptography (Post-Quantum Cryptography)". In the previous issue (No. 81), Associate Professor Naoto Yanai, Graduate School of Information Science and Technology, Osaka University, explained the current status of quantum computers and what will change with the advent of quantum computers. In this issue, he explains the development and the current status quo of quantum-resistant cryptography, which is attracting attention as a technology that couldto guarantee the security of quantum computers even after they are put into practical use. The explanation is easy to read without and avoids using mathematical formulas, making it and is best to a good read for beginners!!

In addition, you'll also find "Internet Topics", "JPNIC Activity Reports", "Statistics" etc., for the past several months. If you have any comments or feedback, please feel free to contact us at jpnic-news@nic.ad.jp. Your comments are greatly appreciated!!