High-value IT personnel inevitable in promoting further utilization of SDN and cloud computing is developed, and the technical level of all personnel is raised.
Overview of Activities

Although SDN and cloud computing technologies are one of the most highly expected field in the ICT, but currently the number of engineers with sufficient proficiency is still low. Additionally, the environment to support the people learning about SDN/cloud computing, including essential documents is not well prepared yet. Therefore, as done also last year, we plan to further promote the education in order to cultivate the valued IT personnel and to enhance the industry-wide level of the skill. This activity is progressed both domestically and internationally, with a focus on educational institutes and related institutes, cooperated between academic and industrial domain. Mostly we plan to follow the past achievement. And additionally, we are going to have the Basic program, which aims at enhancement of the overall technical level of the SDN/cloud technology, and the Advance program, which aims at developing advanced engineers, who can work actively in each open-source community. These are the major points this year. While we actively utilize the contents created last year and reinforce the hands-on seminars, we are going to cooperate with the educational institutes in the prefecture to promote the prevalence of SDN/cloud technology among domestic and overseas students, and among young engineers.

Training of Engineers (Basic Program)

- Content of the Implementation, Research, and Development
  - Following Engineers’ cultivation programs are implemented, aiming at enhancing the overall level of SDN/cloud technology.
  1. Having Classroom and hands-on seminars
  2. Hosting an International Conference (OkinawaOpenDays)

- Method of the Implementation, Research, and Development
  1. Having Classroom and hands-on seminars
  2. Hosting an International Conference (OkinawaOpenDays)

- Work Product
  - Implementation Reports of Classroom and Hands-on seminars
  - Host Report of the International Conference

Training of Engineers (Advance Program)

- Content of the Implementation, Research, and Development
  - Following technical human resource development programs in various subfields in order to train advanced engineers able to actively participate in each open source community.
  1. Executing OSS code reviews
  2. Hosting an Application Program Contest
  3. Hosting an International Networking Event

- Method of the Implementation, Research, and Development
  1. Executing OSS code reviews
  2. Hosting an Application Program Contest
  3. Hosting an International Networking Event

- Work Product
  - Implementation Report of Classroom and Hands-on Seminars
  - Host Report of the International Conference
Hosting an International Conference related to SDN and cloud computing
Since the technology of SDN and cloud computing is progressing very fast, and therefore it is necessary to amass and publish the latest trends, an International Conference, which was also held last year, is held in Okinawa. Both domestic and overseas key figures on SDN and cloud computing working in industrial and academic institutes are invited to the site and have them discuss, exchange information, and publish the knowledge in Okinawa. Identifying the issues posed last year, we are going to strengthen the program of merging the SDN and cloud technology, and improve language support such as simultaneous interpreters. These are the major points of the implementation this year. Additionally, we are going to have an active discussion with community members related to SDN/cloud about the current situation of the communities and common challenges.

**International Conference (Okinawa Open Days)**
- **Content of the Implementation, Research, and Development**
  An International Conference on SDN and cloud computing technology is held in Okinawa Prefecture.
- **Method of the Implementation, Research, and Development**
  We are going to invite various famous people known domestically and internationally, from both industrial and academic field to make keynote speech and other lectures. We are going to have an exhibition stand for high-tech companies and educational organization to participate in. Simultaneously various products and solutions are displayed and some demonstrations are done.
- **Work Product**
  - Host Report of the International Conference

**International Networking Events**
- **Content of the Implementation, Research, and Development**
  A discussion with members of communities related to SDN and cloud computing technology is held in Okinawa Prefecture.
- **Method of the Implementation, Research, and Development**
  Topics about the common challenges and current situation of each community are discussed with members of communities related to SDN and cloud computing.
- **Work Product**
  - Host Report of the International Conference