

Cyber Security Talent Shortage in Japan

The World Economic Forum(WEF) included “cyberattacks” and “data fraud or theft” among the top-5 pressing risks that we face within “The Global Risks Report 2018” published earlier this year. More than ever, risk-management for cybersecurity has become a vital challenge for global society.

Cyber-crimes are increasing year by year in Japan, despite the efforts of many enterprises. Yet another problem is emerging: cybersecurity talent shortage. IPA reported the shortage of 80,000 cybersecurity specialists in 2014, while the Ministry of Economy, Trade and Industry (METI) forecasted the talent shortage could reach about 193,000 in 2020. The situation is forecasted to worsen, rather than improve.

Cybersecurity has become one of the most important security issues for countries. Development and assurance of cybersecurity talent has been classified as one of the most important agendas in “Cybersecurity Strategy (July 2018)”, a report released by NISC (Japan National center of Incident readiness and Strategy of Cybersecurity). Moreover, METI is currently promoting the industry-academia-government collaboration based on their action plan, planning to provide cybersecurity training programs to educational institutions. Japan is trying to address the shortage in government level, however, these efforts are not sufficient.

Lack of security specialists to enhance cybersecurity of enterprises in Japan remains a challenge as there is a clear deficiency of security governance, business processes, talent capabilities and IT architecture to support.

Initiatives with CompTIA

Considering this cybersecurity talent shortage, Accenture Security believes we have a responsibility to address the talent shortage to realize ideal cybersecurity, while we support respective clients.

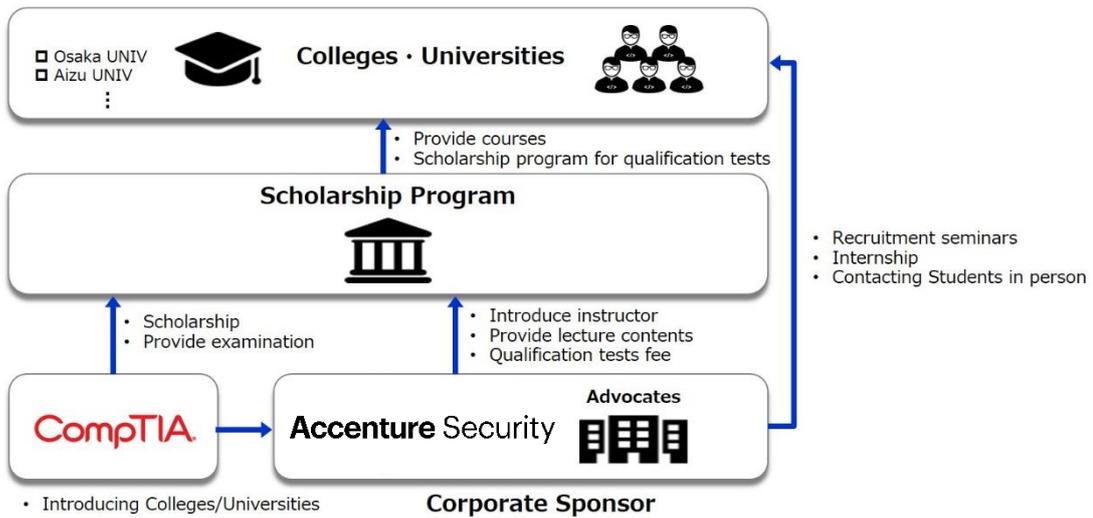
We announced the collaboration work with CompTIA Japan, a branch of a global non-profit association issuing professional certifications for the IT industry to work on these issues together. We will contribute to society by supporting students who will bear the next generation of cybersecurity, and we will keep promoting academic-industrial collaboration, capitalizing our wealth of knowledge accumulated globally.

For the development of high-caliber cybersecurity talent, we will provide a scholarship program supporting the fee for qualification tests for educational institutions and students for colleges participating in “Human Resource Education Project on Information(K-SEC)”, (the security talent development program the National Institute of Technology is currently promoting), as well as support for a total of 500 students in universities or IT training school who have already been educated to a certain level. Accenture employees will give lectures to support the examination and provide valuable information. We are not merely focused on a skill improvement, but rather we will try to improve the motivation of students to work and deepen their understanding of the IT industry.

Accenture alone cannot accelerate security talent development—interaction and collaboration with other enterprises are essential.

Several companies announced their participation, including Symantec Japan, Inc., Microsoft Japan Co. Ltd., and Planetway Corporation.

<Framework for Service Provisioning>



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<CAPP Academy Program>

CompTIA’s Academy Partner Program is intended for schools to develop student IT skills globally. More than 150 educational institutions in Japan including colleges, tech-school and universities are supported by this program to certify and upgrade the skills of students in IT. CompTIA Japan launched the new program “CompTIA Scholarship Program” in May 2018. Sponsor companies support the fee for IT qualification examinations.