Defense Practice against Cyber Attacks	Updated
サイバー攻撃防御演習	Innovative Program

Target Countries :	
Course No. : 201984860-J002	
No. : 201984860	
Sector : Information and Communication Technology(Utilization of ICT)/Information and Communication Technology	
Sub-Sector :	
Language : English	

Outline

In order to respond to increasing numbers of cyber attacks, the course is aimed at improvement incident response capacity of LAN administrators of target countries. It is intended to train information system administrators who are capable to respond to risks of business continuation while taking daily operation into consideration.

Objective/Outcome	Target Organization / Group
【Objective】 To develop human resources who understand necessary organizations, functions, technology, process, and human resources for cyber security incident response, particularly against advanced persistent threat (APT), through lectures on recent cyber security measures and incident handling exercise. 【Outcome】 At the completion of this course,the participants should be able to (1) To understand and be able to explain recent trends of cyber attacks and countermeasures (2) To understand and be able to explain procedure of incident handling (3) To examine necessary organizations, functions, technology, process, and human resources for incident response and be able to explain them to relevant organizations in own country.	【Target Organization】 Relevant ministries, governmental CSIRTs and national CERTs. 【Target Group】 Applying organizations are expected to select nominees who meet the following qualifications: (1) Currently in charge of cyber incident handling in a governmental CSIRT or national CERT or working in an ICT system administration department or section. (2) Has basic knowledge of cyber security terminology and basic skills for server and network operations. (3) Has good command of spoken and written English. (4) Being good health both physically and mentally to participate in the course in Japan.

Contents		
【Preliminary Phase】 Formulation and submission of Country Report 【Core Phase in Japan】 The curriculums (lectures, exercises, visits, discussion) would be considered as following : 1. Overview of Security Technology 2. Security Incidents and Incident Handling 3. Recent Threat Information and Countermeasures 4. Exercise on Information Sharing among Different Functions for Incident Handling 5. Exercise on Incident Handling against APT 6. Visits to related organizations and facilities 7. Presentation of Action Plan 【Finalization Phase】 Report to their own organizations, implementation of their action plan, and submit progress report to JICA *On site follow-up support will be conducted for selected approximate two countries considering the Action plan created by participants.	**Course Period**	2020/2～2020/3
	Department in Charge	Infrastructure and Peacebuilding Department
	JICA Center	JICA Tokyo(Economy&Env.)
	Cooperation Period	2019～2021

Implementing Partner	Under Planning
Remarks and Website	