



Progress on “Implementation of STI Agenda 2026”



Institution Name: OIC-CERT

Period: Jan 2019 – Oct 2019

Sr. No.	Priority No., Title	Activity Title, Date, Venue	Corresponding to Implementation Workplan Activity No.	Status	Outcome / Steps
1.	Priority No.7: Managing Big Data with Security in the Digital Economy	Title: Collaboration Framework Document <i>A framework promoting cyber security cooperation and coordination in mitigating cyber incidents among OIC-CERT members.</i>	1a Development of cyber security strategies & framework document.	Completed in Sep 2019.	Collaboration Framework for the OIC-CERT members in coordinating cyber incidents is established.
2.	Priority No.7: Managing Big Data with Security in the Digital Economy	Title: <ul style="list-style-type: none"> Internet of Things (IoT) Security Guideline Industrial Control System (ICS) Security Guideline <i>A common set of guidelines for OIC-CERT members to address the issue of cyber security and cybercrime.</i>	1b Creating and enhancing common set of cyber security standards, policies, procedures and best practices.	On-going.	Guidelines to address cyber security and cybercrime issues are referred by the OIC-CERT members.
3.	Priority No.7: Managing Big Data with Security in the Digital Economy	Title: Training on ‘Handling Insider Threats’ Date: 7 Mar 2019 Venue: Malaysia (Online) Title: Training on Honeynet Data Analysis through LebahNET” Date: 19 Jun 2019 Venue: Malaysia (Online)	1c Implementing cyber security skills development to build capabilities in cyber security.	Completed. 102 participants took part in the training. Completed. 71 participants took part in the training.	<ul style="list-style-type: none"> Having training programs especially on cyber security technical matters i.e. online and face-to-face. Creating a pool of human resources within the OIC community that is trained in cyber security. Instilling cyber security awareness amongst IT

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		Title: Training on "Social Engineering Attacks: Common Techniques and How to Prevent" Date: 3 Sep 2019 Venue: Indonesia (Online)		Completed 84 participants took part in the training.	professionals to build capabilities in cyber security.
4.	Priority No.7: Managing Big Data with Security in the Digital Economy	Title: Conducting periodic exercise to measure response of OIC-CERT members. <i>Implement a technical solution to proactively identify the state of readiness among the OIC-CERT members.</i>	1d Developing and implementing technical solutions to address cyber security issues and threats.	On-going	A system to measure the readiness of the Computer Security Incident Response Team (CSIRT) is developed.
5.	Priority No.7: Managing Big Data with Security in the Digital Economy	Title: The OIC-CERT Portal <i>A platform that facilitate communication and information sharing among OIC-CERT members online.</i>	1d Developing and implementing technical solutions to address cyber security issues and threats.	Completed.	OIC-CERT interactive portal which include forum and archive for members to interact and share knowledge is developed.
6.	Priority #.7: Managing Big Data with Security in the Digital Economy	Title: OIC-CERT Cyber Drill Date: 17 Sep 2019 Host: Oman	1e Conducting inter-border collaborative initiatives (cyber exercises/drills)	Completed. Led by Oman National CERT (OCERT). Participating members are as follows: Bangladesh Brunei Egypt Indonesia Jordan Malaysia Morocco Nigeria Pakistan Tunisia	Cyber drill that test and evaluate the readiness of the communication capabilities in mitigating cyber threats among OIC-CERT members.

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7.	Priority #.7: Managing Big Data with Security in the Digital Economy	Title: Guideline for Establishing a National Cyber Security Ambassador Programme for Children <i>A guideline on raising cyber security awareness within OIC-CERT member states.</i>	2b Developing and implementing Cyber Security Awareness Ambassador Programme	In progress Led by aeCERT, UAE	<ul style="list-style-type: none"> • Having a channel with the education sector involved in cyber security awareness programmes • Students selected as the ambassadors of cyber security awareness to conduct awareness sessions in their schools.
8.	Priority No.7: Managing Big Data with Security in the Digital Economy	Title: OIC-CERT Journal of Cyber Security (OIC-CERT JCS), 2 nd Edition <i>A platform for the academia and practitioners in cyber security around the world to share experiences and knowledge through research and publication.</i>	2c Producing academic articles in cyber security	On-going	Developed an industrial journal for professionals, practitioners and academia to publish articles.
9.	Priority No.7: Managing Big Data with Security in the Digital Economy	Title: Certified Cyber Defender Associate Training Date: 17-26 Sep 2019 Venue: Malaysia	3a Implementing certified cybersecurity training program.	Completed. 18 participants from 12 countries completed the training.	<ul style="list-style-type: none"> • Conducted the Malaysian Technical Cooperation Programme (MTCP) focusing on Certified Cyber Defender Associate under the Global ACE Scheme Program for OIC Countries. • Increased number of cyber security professionals with enhanced skill sets in tandem with international standards.

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10.	Priority No.7: Managing Big Data with Security in the Digital Economy	Title: 11 th OIC-CERT Annual Conference Date: 29 Oct 2019 Venue: Muscat, Oman	3a Implementing global cybersecurity training program.	In progress.	Annual cyber security conference for the OIC member states for IT professionals to build capabilities in cyber security is organized.
11.	Priority No.7: Managing Big Data with Security in the Digital Economy	Title: Global Accredited Cybersecurity Education (ACE) Scheme Program <i>An alternative international information security certification scheme for the OIC-CERT member countries to increase the number of cyber security professionals with enhanced skill sets in tandem with the international standards.</i>	3b Implementing global cyber security professional certification programs that complied to international standards.	In progress. Global ACE Scheme Malaysian Chapter has been set up. Presently embarking on setting up local chapters in other OIC countries.	Establishment of Professional Certification Scheme such as the Global ACE Scheme Program.
12.	Priority No.7: Managing Big Data with Security in the Digital Economy	Title: Malware Trend Reports <i>Sharing malware threat research findings, analysis and response to protect the OIC community against malware threats.</i>	3c Implementing cross-border collaborative project in the area of malware research.	H1 Completed on 31 Jul 2019 H2 Completed on 31 Dec 2019 Six (6) half yearly malware trend reports have been published. There are 14 organizations participating in the project from the countries as follows: Bangladesh China France Japan India Malaysia Philippines Nigeria Taiwan	Publication of periodic Malware Trend Report which is the outcome of the OIC-CERT Malware Research and Coordination Facility Project.

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13.	Priority No.7: Managing Big Data with Security in the Digital Economy	Title: Establishing Telegram App as a Communication Platform for OIC-CERT Technical Teams <i>To provide an online platform for the CSIRT technical team to communicate.</i>	4b Establishing a communication platform using the Telegram application for the technical teams.	In progress.	Online communication channel among the OIC-CERT technical team is developed.