



Progress on “Implementation of STI Agenda 2026”



Institution Name: Organization of the Islamic Cooperation – Computer Emergency Response Team
(OIC-CERT)

Period: Jan 2020 – Jun 2020

Sr. No.	Priority No., Title	Activity Title, Date	Corresponding to Implementation Workplan Activity No.	Status	Outcome / Steps
1	Priority No.7: Managing Big Data with Security in the Digital Economy	<p>Cybersecurity Guidelines:</p> <ul style="list-style-type: none"> Guidelines for Securing Cloud Implementation by Cloud Service Subscriber. Guidelines for Secure for Industrial Control System (ICS) Guideline for Secure Software Development Life Cycle (SSDLC) Guidelines for Secure Internet of Things (IoT) Guidelines for Secure Industry 4.0 <p><i>A common set of cybersecurity guidelines for OIC members to implement best practices in their organizations.</i></p> <p>Published at the OIC-CERT website www.oic-cert.org on 20 June 2020.</p>	1b Creating and enhancing common set of cyber security standards, policies, procedures, and best practices.	Completed.	Providing cybersecurity implementation references for organisations.

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2	Priority No.7: Managing Big Data with Security in the Digital Economy	<p>Cybersecurity Online Training:</p> <ul style="list-style-type: none"> • 'Remote Working Security – Insider Threats' on 29 Apr 20 hosted by UAE • 'Social Engineering' on 18 May 20 hosted by UAE • 'Malware' on 4 Jun 20 hosted by UAE <p><i>A knowledge sharing platform for OIC members to enhance knowledge in cybersecurity.</i></p>	1c Implementing cyber security skills development to build capabilities in cybersecurity.	<p>Conducted three (3) sessions till Jun 2020.</p> <p>Seven (7) more sessions are planned till the end of 2020.</p>	<ul style="list-style-type: none"> • Developing a pool of cybersecurity knowledge workers within the OIC community. • Instilling cyber security awareness amongst the Internet users.
3	Priority No.7: Managing Big Data with Security in the Digital Economy.	<p>The OIC-CERT Cyber Drill Date: Sep 2020 Host: Oman</p> <p><i>A platform for inter-border collaborative initiatives among CERT communities to evaluate incident response readiness.</i></p>	1e Conducting inter-border collaborative initiatives (cyber exercises/drills)	In progress.	Having a proper response capability against cyber threats among CERT communities globally.
4	Priority No.7: Managing Big Data with Security in the Digital Economy	<p>OIC-CERT Journal of Cybersecurity (OIC-CERT JCS), 2nd Edition</p> <p><i>A platform for the academia and practitioners in cyber security around the world to share experiences and knowledge through research and publication.</i></p> <p>Published the 2nd Edition at OIC-CERT website www.oic-cert.org on 15 Jan 2020.</p>	2c Producing academic articles in cyber security	Completed.	Having knowledge material as a reference for cyber security professionals, practitioners, and academia.

Sr. No.	Priority No., Title	Activity Title, Date	Corresponding to Implementation Workplan Activity No.	Status	Outcome / Steps
5	Priority No.7: Managing Big Data with Security in the Digital Economy	<p>Global Accredited Cybersecurity Education (ACE) Certification</p> <p><i>An alternative international cybersecurity certification program for the OIC member countries to increase the number of cybersecurity professionals with enhanced skill sets in tandem with the international standards.</i></p>	3b Implementing the Global Cybersecurity Professional Certification programs that complied to international standards.	<p>In progress.</p> <p>Five certified courses are being offered under the Global ACE Certification Malaysian Chapter.</p> <p>More information is available at https://www.cybereducationscheme.org/web/guest/certified-training-programme.</p>	<ul style="list-style-type: none"> • Establishment of a Professional Certification Scheme. • Having a pool of certified cybersecurity professional within the OIC community.
6	Priority No.7: Managing Big Data with Security in the Digital Economy	<p>Malware Trend Report H2 2019.</p> <p><i>Sharing malware threat research findings, analysis, and response to protect the OIC community against malware threats.</i></p> <p>Published at the OIC-CERT website https://www.oic-cert.org on 1 Feb 2020.</p>	3c Implementing cross-border collaborative project in malware research.	Completed.	Publication on periodic Malware Trend Report for the CERT community.