





Information Security Management System

ISO/IEC 27001:2013

WEB HOSTING POLICY
POLISI WEB HOSTING



For PTM Use Only	Version 1.1	Date: 18th Nov 2016
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Doc No : UM-ISMS-POL-DC-005	Version 1.1	Effective Date : 1 January 2017

Revision History

No	Date of Change	Description	Page	Version	Approved By
1	8 April 2016	Modified statement 3.3, 4.3 & 4.4	3 - 4	1.1	ICT Council

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1.0 Purpose

The purpose of this document is to provide a clear understanding on the management of Responsibility Centres's (RC's) websites that are being put in the web hosting server(s) of UM Centre For Information technology (PTM) based on the risks identified and international best practices.

2.0 Scope

The scope of this document covers all websites in the web hosting servers under the management of PTM.

However the scope of the Information Security Management System (ISMS) audit and certification only covers PTM's staff and PTM's assets which are located in the PTM premises.

3.0 Responsibilities of RCs

3.1 Only official websites from the following departments can be hosted by PTM :



- I. Responsibility Centres
- II. Associations
- III. Uniform bodies recognized by UM
- IV. Research Centres
- V. Residential Colleges

Others may be considered, if approved by the PTM management

The Responsibility Centres, Associations, Uniform bodies, Research Centres and Residential Colleges will be referred to as RC in this document.

3.2 Only websites that have been scanned and confirmed without vulnerabilities will be allowed to use the web hosting services.

3.3 Websites placed in the webhosting servers must comply to the environment listed below:

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Environment of Application Server

- i. Operating System : Linux, Windows 2003, Windows 2008, Windows 2012
- ii. Web Application : IIS 7.0 and above, Apache ver 5 and above
- iii. Programming language : HTML,ASP, PHP ver 5 and above
- iv. ODBC : MySQL Driver

Environment of Database Server

- i. Operating System : Redhat Linux
- ii. Database : MySQL 5

- 3.4 RC has to apply at least 3 weeks before placing their websites in the web hosting server in PTM. During this period, the websites will be scanned for vulnerabilities.
- 3.5 RC is fully responsible for the contents of the website placed in the web hosting server.
- 3.6 RC has to practice secure coding to ensure the security of the website.
- 3.7 RC has to ensure only official sites are operating in the website.
- 3.8 RC is to send an official letter to PTM requesting the website to be closed when the web hosting services are no longer required.
- 3.9 RC has to cooperate with PTM to recover data and services should the website experience problems or is corrupted.
- 3.10 RC has to appoint a certified webmaster to manage the website as well as the security aspects of the website.
- 3.11 RC is responsible to safeguard the password given by PTM.
- 3.12 RC has to monitor the version of the programming language and the content management system engine (if applicable), and upgrade them if any security issues exist. PTM has the rights to close the website if no action was taken to address the vulnerabilities within a month.
- 3.13 RC is fully responsible for the development process of their website.

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4.0 Roles and Responsibilities of PTM

- 4.1 Liaise with RC's representative on matters concerning PTM's web hosting services and facilities.
- 4.2 Ensure backup for the website is being implemented according to the details stated in RC's application form.
- 4.3 Ensure the security of the web hosting servers by doing the necessary updates and patching, as well as monitoring webhosting server security, on a continuous and periodic basis.
- 4.4 If there is any security issue on webhosting application, RC will be responsible to ensure they are resolved.
- 4.5 Ensure the webserver and database of the website are continuously available. If there are any problems, implement the workaround to revive the website according to the procedure given by the RC. If unsuccessful, communicate with RC.