Information Security Management System

ISO/IEC 27001:2013

FIREWALL POLICY

POLISI *FIREWALL*

For PTM Use Only	Version 1.2	Date : 19th July 2018
Written By: Abdul Salam Zainal Ketua Bahagian Rangkaian	**Verified By:** Nor'ain Mohamed Wakil Pengurusan Keselamatan Maklumat (ISMR)	**Approved By:** Asiah Abu Samah Pengarah Pusat Teknologi Maklumat

Revision History

No	Date of Change	Description	Page	Version	Approved By
1	1st October 2014	Remove 'MS' from Front Page.	Front Page	1.1	Dr David Asirvatham
2	25th Nov 2014	Upgrade "Firewall Guidelines" to "Firewall Policy"		1.0	Dr David Asirvatham
		Changed Doc No from "UM-ISMS-GL-NW-001" to "UM-ISMS-POL-NW-002"		1.0	Dr David Asirvatham
		Changed the guideline statements to policy statements	2, 3	1.0	Dr David Asirvatham
		Inserted TERHAD logo	Header	1.0	Dr David Asirvatham
3	27th Oct 2017	Updated Purpose 1.0 Remove 3.6 Updated and edited 3.7 to 3.6	2, 3	1.1	Asiah Abu Samah
4	17th July 2018	Update and edit 3.4 Remove 3.6	2,3	1.2	Asiah Abu Samah

1.0 Purpose

The purpose of this policy is to establish a standard for the management of UM Centre For Information Technology (PTM) firewall.

Create a firewall policy that handle inbound and outbound network traffic.

2.0 Scope

The policy applies to all employees, contractors, consultants, temporaries (Staff, Interns), and other workers including all personnel that are affiliated with PTM, who manage PTM's firewall.

3.0 Policy

3.1 A firewall policy defines how an organization's firewalls should handle inbound and outbound network traffic for specific IP addresses and address ranges, protocols, applications, and content types based on the organization's information security policies. By default all ports must be closed. Any request to open ports must be submitted officially to the respective division.

3.2 Only services that are bounded to PTM's business operation are explicitly allowed to pass through the firewall.

3.3 Firewall rules must adhere to general best practices and be well documented.

3.4 Firewall rules and logs must be subjected to periodic revision at least every 6 months to correspond with business operation.

3.5 Firewall rules must be tested to ensure secure implementation.

1.0 Tujuan

Tujuan polisi ini ialah untuk mewujudkan satu piawaian bagi pengurusan *Firewall* Pusat Teknologi Maklumat (PTM) UM.

Mewujudkan polisi firewall yang khusus untuk aliran trafik keluar dan masuk.

2.0 Skop

Polisi ini diguna pakai untuk semua kakitangan, kontraktor, konsultan, pekerja dan pelatih sementara dan pekerja lain termasuk semua kakitangan yang bergabung dengan PTM, yang menguruskan *Firewall* PTM.

3.0 Polisi

3.1 Polisi *firewall* mendefinasikan bagaimana *firewall* di sesebuah organisasi menguruskan trafik rangkaian untuk alamat IP spesifik dan julat alamat, protokol, aplikasi dan asas bentuk kandungan polisi keselamatan maklumat. Semua *port* mesti ditutup. Sebarang permohonan membuka *port* mestilah dimajukan secara rasmi kepada bahagian berkaitan.

3.2 Hanya perkhidmatan yang terbatas kepada urusan rasmi PTM dibenarkan untuk melalui firewall.

3.3 Peraturan firewall mesti mematuhi amalan am terbaik dan didokumenkan dengan baik.

3.4 Peraturan firewall dan log mesti disemak secara berkala sekurang-kurangnya sekali dalam 6 bulan untuk disesuaikan dengan operasi perkhidmatan.

3.5 Peraturan firewall mesti diuji untuk memastikan pelaksanaan yang selamat.