مدرسة الأمانة الخاصة AL AMANA PVT.SCHOOL

مـدرسـة الأمـانـة الـخـاصـة
Al Amana Private School, Sharjah
AAPS VISION "Every child is a God given Amana, to be educated and developed into balanced individuals with well-rounded personality"

	INTERNET FILTERING POLICY	Document ID
		INTERNET FILTERING
		Revision No.
		Issue Date

INTERNET FILTERING POLICY

This Document Has Been Reviewed and Approved By:

Name	**Position**	**Department**

Revision History of the Document

Revision No.	Issue Date	Summary of Changes	Responsibility	References
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1. POLICY STATEMENT

Online safety and the measures associated with it are taken seriously in Al Amana Private School. However it is important to note that the school has devised a clearly understood policy on acceptable use for all users so that adequate supervision can be maintained.

2. THE AAPS FILTERING PROCEDURE

2.1.   The school utilizes the FortiGate Firewall feature for web filtering.

Secure Web Gateway (SWG)

- Secure web access from both internal and external risks, even for encrypted traffic at high performance
- Enhanced user experience with dynamic web and video caching
- Block and control web access based on user or user groups across URL's and domains
- Prevent data loss and discover user activity to known and unknown cloud applications
- Block DNS requests against malicious domains
- Multi-layered advanced protection against zero-day malware threats delivered over the web

Web Application Servers
Internal User
FortiWeb Web Application Firewall
FortiGate SWG
External User
Internet
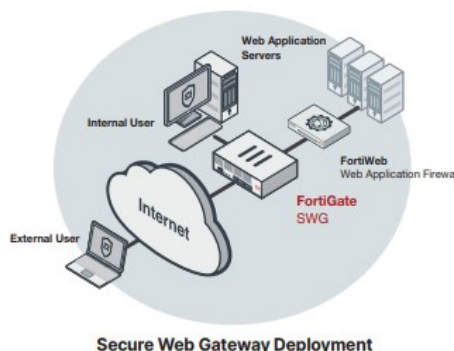
Secure Web Gateway Deployment

2.2.   The school has provided enhanced/differentiated user-level filtering through the use of web filtering program.

2.3.   The filtering system which blocks sites that falls into categories such as pornography, race hatred, gaming, sites of an illegal nature, etc.

Edit Application Sensor

default

👁▼ Business (142, ☁6)	🚫▼ Cloud.IT (47, ☁1)	👁▼ Collaboration (255, ☁10)
👁▼ Email (78, ☁12)	🚫▼ Game (84)	👁▼ General.Interest (228, ☁7)
🚫▼ Mobile (3)	👁▼ Network.Service (330)	🚫▼ P2P (57)
🚫▼ Proxy (168)	👁▼ Remote.Access (84)	🚫▼ Social.Media (116, ☁31)
👁▼ Storage.Backup (162, ☁16)	👁▼ Update (49)	🚫▼ Video/Audio (150, ☁14)
🚫▼ VoIP (24)	👁▼ Web.Client (23)	✅▼ Unknown Applications

Application Overrides

+ Add Signatures   ✏ Edit Parameters   🗑 Delete

Application Signature	Category	Action
Facebook	Social.Media	🚫 Block ▼
Facebook_AppName 🔒 ⚠ Parameters Required	Social.Media	🚫 Block ▼
Facebook_Apps	Social.Media	🚫 Block ▼
Facebook_Chat ☁ 🔒	Social.Media	🚫 Block ▼
Facebook_File.Download ☁ 🔒	Social.Media	🚫 Block ▼
Facebook_File.Upload ☁ 🔒	Social.Media	🚫 Block ▼

Apply

Edit Web Filter Profile

default

🔵 FortiGuard category based filter

Parental control; allow highest rated content   Custom   G   **PG-13**   R

Show ○ All ▼

- ⊗ Local Categories
- 🚫 Potentially Liable
- 🚫 Adult/Mature Content
- ✅ Bandwidth Consuming
- 🚫 Security Risk
- ✅ General Interest - Personal
- ✅ General Interest - Business
- ✅ Unrated

Category Usage Quota ℹ

+ Create New   ✏ Edit   🗑 Delete

Category	Quota
No matching entries found	

🔘 Allow users to override blocked categories

➖ Search Engines

Apply

ILLEGAL CONTENT LIST

2.3.1. **Adult**: content containing sexually explicit images, video or text, the depiction of actual or realistic sexual activity;

2.3.2. **Violence**: content containing graphically violent images, video or text;

2.3.3. **Hate Material**: content which promotes violence or attack on individuals or institutions on the basis of religious, racial or gender grounds;

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2.3.4.   Illegal drug taking and the promotion of illegal drug use: content relating to the use or promotion of illegal drugs or misuse of prescription drugs;

2.3.5.   **Criminal skill/activity**: content relating to the promotion of criminal and other activities;

2.3.6.   **Gambling**: content relating to the use of online gambling websites or information relating to the promotion of gambling and gambling advice.

(Any update in the list shall be added according to the filtering need in future)

2.4.   All changes to the filtering policy are logged and only available to staff, the students and faculty with the approved 'web filtering management' status.

2.5.   In the event of the technical staff needing to switch off the filtering for any reason, or for any user, this must be carried out by a process that is agreed by the Head- teacher/Principal (or other nominated senior leader).

2.6.   Mobile devices that access the school internet connection (whether school's device or personal devices) will be subjected to the same filtering standards as other devices on the school systems.

2.7.   Where personal mobile devices are allowed internet access through the school network, filtering will be applied that is consistent with school practice. There is an appropriate and balanced approach to providing access to online content.

2.8.   If at any time school staff or pupils find themselves able to access internet sites from within school which they think should be blocked, they should inform the respective teachers who has the obligation to report it to the SLT and DPO who will implement agreed procedures for handling such issues.

2.9.   Requests from staff for sites to be removed from the filtered list will be considered by the IT technical staff. If the request is agreed upon, this action will be recorded in IT Compliance and Incident Report Register and logs of such actions shall be reviewed regularly by the Online Safety Team.

3. FORTIGATE FIREWALL

The FortiGate firewall series introduces the world's first Hyper scale Firewall that seamlessly enables Security-Driven Networking, manages all security risks for enterprises, and protects 5G networks. With high-port density, it offers encrypted and high-speed data center interconnects.

3.1.   SECURING DATA CENTRE WITH FORTIGATE NETWORKFIREWALLS

FortiGate Next-generation Firewalls are powered by purpose-built security processing units (SPUs), including the latest NP7 (Network Processor 7). They enable المانة الخاصة security-driven networking, and are ideal

![Al Amana Private School logo]

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network firewalls for hybrid and hyper scale data centers. Fortinet NGFWs reduce cost and complexity by eliminating points products and consolidating industry-leading security capabilities such as secure sockets layer (SSL) inspection including the latest TLS1.3, web filtering, intrusion prevention system (IPS) to provide full visibility and protect any network edge. Fortinet NGFWs uniquely meet the performance needs of hyper scale and hybrid IT architectures, enabling organizations to deliver optimal user experience, and manage security risks for better business continuity.

3.2. SUMMARY

The schools Wi-Fi and infrastructure has been installed and is maintained with an active, monitored filter system to satisfy both the needs of child protection/ inappropriate content whilst ensuring that it serves to support teaching and learning.

3.3. ACCESS TO NETWORK

Access to the network is provided through password authentication using WPA. This key is not available to any staff aside from the school SLT and IT team. Access is therefore governed by unique device registration and pre approval by authorized staff only. No devices can join the network without this approval and authentication.

3.4. HARDWARE AND GENERAL SERVICE PROVISION

The following has been installed and configured in school to ensure only appropriate content is available to all users:

3.4.1. A Fortigate firewall filter is installed which intercepts all Internet traffic leaving and entering the school network and this cannot be circumvented. This firewall appliance is configured for internet filtering service. This service is a professional, commercial category based web filtering solution. It uses a category based system to group web sites in addition to keyword, IP and specific white and blacklist control. The Fortigate Firewall hardware is purchased once and used for a term of 1 year to ensure the continuity of service and individual firewall is monitored at all time with instant notification for any concerns.

3.4.2. In addition, IP and URL black and white listing is supported locally which ensures any content that is flagged as non-desirable on the network, can be disabled immediately

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3.4.3.   Full access logs are maintained for all traffic and all attempts at access of inappropriate content

4. References:

- E-Safe school Framework Manual.
- FortiGate Manual Data Sheet.
- IT Compliance & Incident Report Register.
- Al Amana Data Filtering Policy.
- Al Amana Password Protection Policy.