

1 Security mechanisms are crucial in protect data

- Because data is the new Gold, organisation take great care on protecting these data using robust security mechanism. Such as access control which make people can on access and have the privileges on certain areas on the system or network access control well defined will help organisation to achieve this, physical and logically.

Organisation need to put together many control mechanisms to protect their information assets this is called defence in-depth strategy.

- The approach is helps because all mechanisms work together to protect the organisation for example a Firewall can act as the filtering device allow and dropping packets while an Intrusion Detection System is monitoring for potential threat or indication on compromises. All this with anti-virus software place at the Application level can seen a good approach for organisation to defend against cyber attacks.

More-over it is vital use a well defined configuration

- Policies to accompany these ~~mechanisms~~ mechanisms to ensure that it meet the organisation objectives