

Take the Terminology Challenge and Win!

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Definitions

Advanced Persistent Threat

- Considered by some to be the biggest threat to organizations.
- Hackers gain access to a network and remain there undetected for a long period of time

Bot

- A software application that runs automated tasks over the Internet.
- Can be used for good or evil.
- A computer that has been infected with a **bot** and can be used for malicious purposes as part of a network of infected computers. These proxies then sent instructions to worker bots in set patterns, including templates for spam creation.

Shadow IT

- Information technology systems and solutions that are built and used inside organizations without explicit organizational approval.
- Also referred to as Stealth IT
- Not often in line with organizational requirements for control, documentation, security, reliability, etc.

Phishing

- The policies and procedures for managing cryptographic keys and establishing a secure method for exchanging information
- This can involve certificates, certificate authorities and digital signatures

Internet of Things

- The Internet of Things (IoT) is the network of physical objects— devices, vehicles, buildings and other items—embedded with electronics, software, sensors, and network connectivity that enables these objects to collect and exchange data.
- Everything from cars to medical devices.
- Do you know what your organization is capturing and how it is being stored and retained?

Drone

- An unmanned aerial device
- They capture video AND data
- Not always secure from hackers

Alexa

- Virtual assistant developed by Amazon
- Capable of voice interaction, music playback, making to-do lists, setting alarms, streaming podcasts, playing audiobooks, and providing weather, traffic, sports, and other real-time information, such as news.
- Alexa can also control several smart devices using itself as a home automation system.
- Will it be able to delete records as well?

All of These Devices Capture Check Images

- Mobile devices also capturing images of more than just checks
- Insurance adjusters, medical emergencies, crime scenes, etc.

Slack

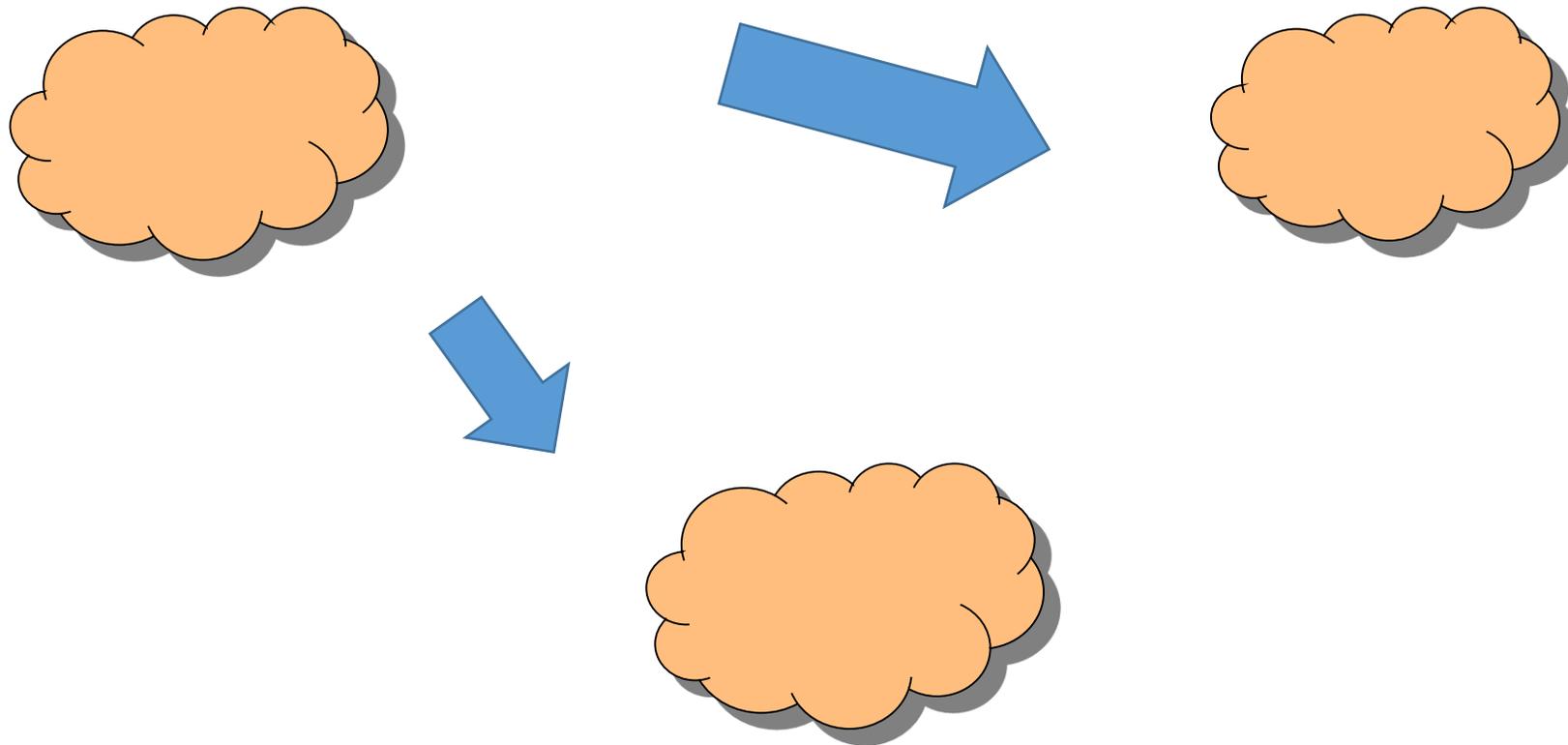
- A cloud-based set of proprietary team collaboration tools and services
- The name is an acronym for "Searchable Log of All Conversation and Knowledge"
- Data is stored exclusively on cloud servers under Slack control

Dropbox

- A file hosting site that offers cloud storage, file synchronization, personal cloud, and client software
- It allows users to create a special folder on each of their computers, which Dropbox then synchronizes so that it appears to be the same folder (with the same contents) regardless of which computer is used to view it
- Files placed in this folder also are accessible through a website and mobile phone applications

Redundancy

- Automated backup for cloud storage



Multi-tenancy

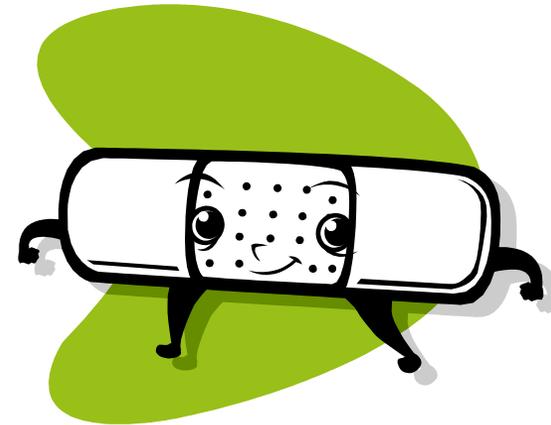
- Multiple companies using a single, remotely hosted application
- While all information is managed by the same application, it still remains private to each company and is kept separate from one another

Hybrid Cloud

- A cloud environment where an organization provides and manages some resources in-house and has others provided externally

Self-Healing

- The ability to auto-detect when something is not operating correctly and make any necessary adjustments in order to correct the problem and return to normal – all without the help of humans



Regulatory Technology

- Regtech is a mash-up of 'regulatory technology' that was created to address regulatory challenges in financial services through innovative technology.
- Regtech seeks to reduce risk to company's compliance departments by offering data on money laundering activities conducted online; activities, which a traditional compliance team may not be privy to due to the increase of underground marketplaces online.

Data Sovereignty

- The idea that data are subject to the laws and governance structures within the nation it is collected.
- The concept of data sovereignty is closely linked with data security, cloud computing and technological sovereignty.
- Many countries have passed various laws around control and storage of data, which all reflects measures of data sovereignty.

Predictive Coding

- Software that uses machine learning technology to analyze the manual coding decisions of human reviewers
- Improves discovery efficiency
- Still needs an iterative approach to implement

Natural Language Processing (NLP)

- A subfield of computer science, information engineering, and AI concerned with the interactions between computers and human (natural) languages
- Covers a wide array of applications including:
 - Language Translation
 - Speech Recognition
 - Character Recognition
 - And lots more

Neural Network

- A computer architecture in which a number of processors are interconnected in a manner suggestive of the connections between neurons in a human brain and which is able to learn by a process of trial and error
- Neural networks can adapt to changing input so the network generates the best possible result without needing to redesign the output criteria.

Machine Learning

- Allows computers to handle new situations via analysis, self-training, observation and experience.
- Machine learning is a subfield of computer science that evolved from the study of pattern recognition and computational learning theory in AI.
- Remember Watson?

RPA

- **Robotic process automation** (or RPA) is an emerging form of business process automation technology based on the notion of software robots or AI workers.
- RPA systems develop the action list by watching the user perform that task in the application's graphical user interface (GUI), and then perform the automation by repeating those tasks directly in the GUI.
- Starting to used in the information capture space and beyond.

Blockchain

- A growing list of records, called *blocks*, which are linked using cryptography
- By design, a blockchain is resistant to modification of the data.
- Once recorded, the data in any given block cannot be altered retroactively without alteration of all subsequent blocks, which requires consensus of the network majority.

GDPR

- General Data Protection Regulation
- A processor of personal data must clearly disclose any data collection, declare the lawful basis and purpose for data processing, and state how long data is being retained and if it is being shared with any third parties or outside of the European Economic Area.
- Implications are huge across the globe.

CCPA

- California Consumer Privacy Act
- The intention of the Act is to provide California residents with the right to:
 - Know what personal information is being collected about them.
 - Know whether their personal information is sold or disclosed and to whom.
 - Say no to the sale of personal information.
 - Access their personal information.
 - Equal service and price, even if they exercise their privacy rights.

FACTA

- Fair and Accurate Credit Transactions Act
- Implemented primarily, to protect consumers from identity theft.
- The Act stipulates requirements for information privacy, accuracy and disposal and limits the ways consumer information can be shared.
- Check those credit card receipts

Clickjacking

- Tricking a Web user into clicking on something different from what the user perceives they are clicking on
- Clickjacking takes advantage of vulnerabilities that are present in applications and web pages to allow the attacker to manipulate the user's computer.

Phishing

- Phishing is the attempt to acquire sensitive information such as usernames, passwords, and credit card details (and sometimes, indirectly, money), often for malicious reasons, by masquerading as a trustworthy entity in an electronic communication
- Usually through email or text.

Health Insurance Portability and Accountability Act

- Law designed to provide privacy standards to protect patients' medical records and other health information provided to health plans, doctors, hospitals and other health care providers

Personally Identifiable Information

- Any information about an individual maintained by an agency, including
 - Any information that can be used to distinguish or trace an individual's identity, such as name, social security number, date and place of birth, mother's maiden name, or biometric records
 - Any other information that is linked or linkable to an individual, such as medical, educational, financial, and employment information

Video-enabled Doorbell

- Ring or Next captures video to the cloud
- Increasingly used by law enforcement
- How long is the video retained?

Recovery Time Objective

- A measure of time between an event that compromises a business's functioning and the moment of recovery, when the business becomes fully functional again
- Do you know how this will effect your electronic vital records?

What is 60 CEUs?

- IGP-Ethics: 2
- IGP-Business: 4
- IGP-Information Security: 4
- IGP-Privacy: 4
- IGP- Risk Management: 4
- IGP- Information Management: 34
- IGP-Legal: 4
- IGP-Technology: 4

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