# CISSP 200a

## Domain 2: Asset Security

AL NAFI,
A company with a focus on education,
wellbeing and renewable energy.

# Forty Hadith on the importance of Knowledge, learning and Teaching.

# Hadith # 14 A Path to Paradise

Ibn 'Abbas narrated, the Messenger of Allah (Peace Be Upon Him) said:

"Any person who goes along a course seeking knowledge, Allah will make for him the path to Paradise easy because of it. And he who is slow-paced in doing good deeds, his noble lineage will not give him priority [into Paradise]."

(Muslim, Sahih; ad-Durimi, Sunan; an –Nawawi, Riyad as-Salihin)

# How Nafi Members Study!

1. Please subscribe to our YouTube channel https://www.youtube.com/channel/UC2yAW4Oq27r1yuRE8ePKRvA

2. Follow us on Facebook https://www.facebook.com/info.alnafi/

3. Follow us on Twitter https://twitter.com/nafiPakistan

4. All Nafi members MUST study on the portal https://alnafi.com/login/ and connect using your Nafi member username and password. If you have problems connecting then please contact us via info@alnafi.com

5. Once on the portal they can follow their classes by:
   - watching videos
   - asking questions
   - attempting quizzes and flash cards
   - studying official Nafi notes
   - taking their own notes online just like evernote
   - keep track of their studies long with many more features

# Issued Related to Classification

- Human error.
- Proper classification is dependent on ability and knowledge of the classifier.
- Requires awareness of regulations and customer and business expectations.
- Requires consistent classification method—often the decisions can be somewhat arbitrary.
- Needs clear labeling of all classified items.
- Must include manner for declassifying and destroying material in classification process.

# Asset Protection and Classification key definitions

- Data Subject

- Data owner

- Data Controller

- Data Processor
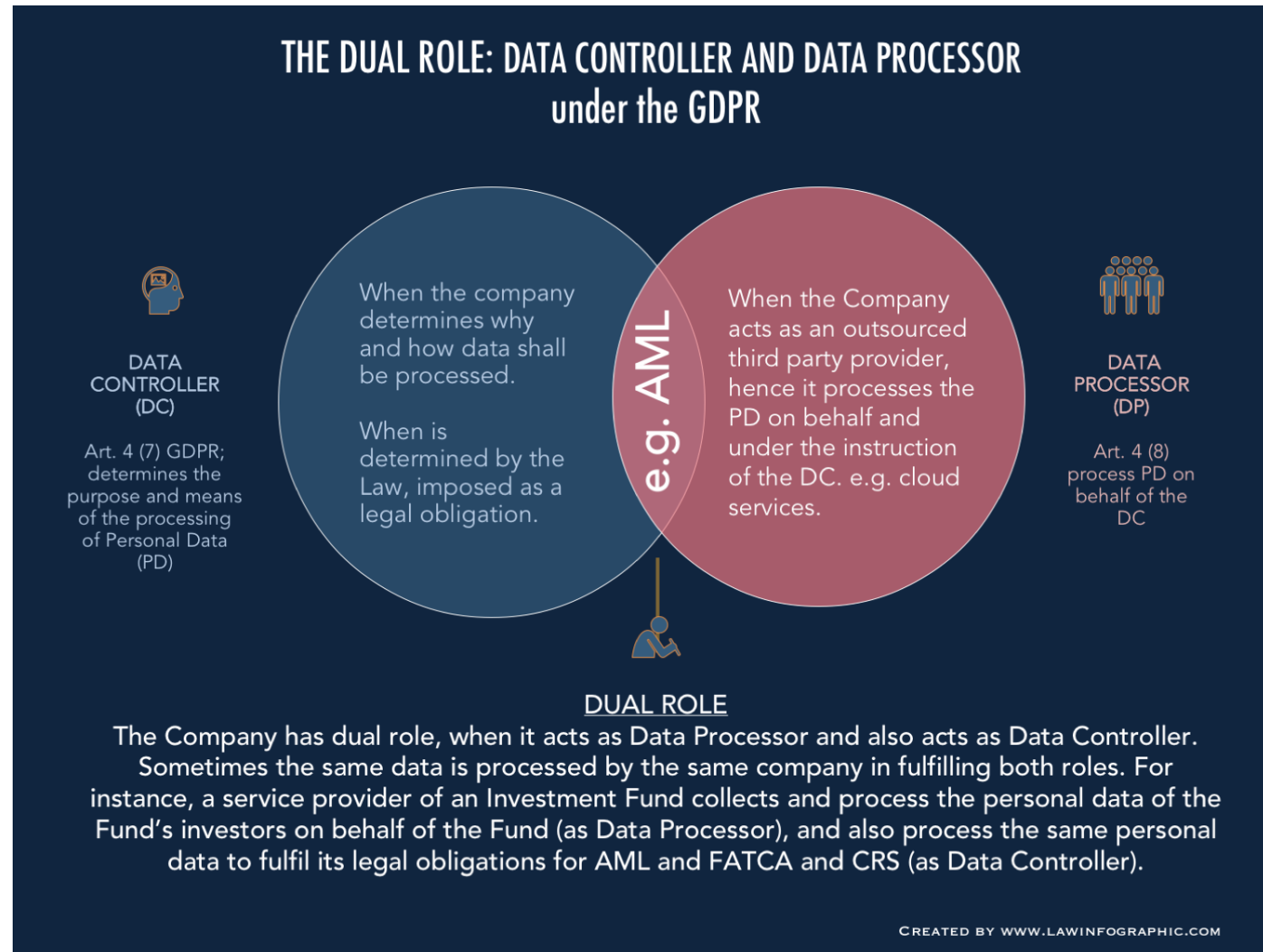
- Data Steward

- Data Custodian

# Data subject



I am a Data Subject

an identified or identifiable natural person
GDPR - Article 4

# Data Owner

# Data Controller and Processor



THE DUAL ROLE: DATA CONTROLLER AND DATA PROCESSOR
under the GDPR

**DATA CONTROLLER (DC)**

Art. 4 (7) GDPR; determines the purpose and means of the processing of Personal Data (PD)

When the company determines why and how data shall be processed.

When is determined by the Law, imposed as a legal obligation.

e.g. AML

When the Company acts as an outsourced third party provider, hence it processes the PD on behalf and under the instruction of the DC. e.g. cloud services.

**DATA PROCESSOR (DP)**

Art. 4 (8) process PD on behalf of the DC

**DUAL ROLE**
The Company has dual role, when it acts as Data Processor and also acts as Data Controller. Sometimes the same data is processed by the same company in fulfilling both roles. For instance, a service provider of an Investment Fund collects and process the personal data of the Fund's investors on behalf of the Fund (as Data Processor), and also process the same personal data to fulfil its legal obligations for AML and FATCA and CRS (as Data Controller).

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# Data Steward

## A Steward?

- Wikipedia: **Stewardship** is an ethic that embodies the responsible planning and management of resources.



Data Steward of Gondor...
Not our idea, see Matthew Roche for complaints

# Data Steward continues…

## The Journey of a Data Steward

- Help to find data
  - Manage the Data Lake
  - Create Data Sources
  - Facilitate exploration
  - Manage metadata

# Data Custodian

# Data Ownership

- Clearly define roles associated with functions.

- Establish data ownership throughout all phases of a project.

- Instill data accountability.

- Ensure that adequate, agreed-upon data quality and metadata metrics are maintained on a continuous basis.