* What is RFID
  + Radio Frequency Identification (RFID)
  + current most severe RFID security issues are privacy and authentication security
  + is a technology for automated IDentification of objects and people.
  + RFID may be viewed as a means of clearly labeling objects to facilitate their “perception” by computing devices
* Eavesdropping
  + Eavesdropping occurs when an attacker intercepts data with a compliant reader—one for the correct tag family and frequency—while a tag is being read by an authorized RFID reader.
  + most RFID systems use clear text communication, due to tag memory capacity or cost, eavesdropping is a simple but efficient means for the attacker to obtain information on the collected tag data
  + A specific countermeasure against replay attack is authentication of the tag e.g. with a challengeresponse protocol. If the protocol is well designed, the key necessary for calculation
* Deactivation
  + This type of attack renders the transponder useless through the unauthorized application of delete commands or kill commands, or through physical destruction
  + the reader can either no longer detect the identity of the tag, or it cannot even detect the presence of the tag in the reading range.