Target	Bad rabbit (ukraine)	WannaCry
-2013 -40 million cc and dc -70 million personal info -point of sales machines	-2017 -ransomware -adobe flash -demanded bitcoin	-2017 -ransomeware -200,000 computers -150 countries -fedex, honda, uk's national health service -eternal blue -US NSA developed -shadow brokers
JP Morgan Chase	**Adult Friend Finder**	**Ebay**
-2014 -76 million households and 7 million businesses -contact data leaked, no sensitive data -gained root access -caught 4 people in 2015 -jp morgan spends $250 million on security	-2016 -414 million accounts -passwords weakly hashed using SHA-1	-2014 -145 million users -gained employee login info
Yahoo	**Equifax**	**Uber**
-2013 3 billion users -2014 5 million users -disclosed in 2016 -paid fine of $35 million to us sec	-2017 -147 million us citizens and 15 million britons -apache struts vulnerability -209,000 cc details -$1.7 billion loss	-2016 -57 million users -discovered in 2017 -uber paid hackers $100,000 to be quiet -in 2018, uber faced criticism and lawsuits

cc: credit card
dc: debit card