

PART 1

KEY:

A	B	C	D	E	F	G	H
J	O	T	V	S	G	D	R
I	J	K	L	M	N	O	P
K	B	H	Q	Y	U	C	A
Q	R	S	T	U	V	W	X
M	N	I	W	Z	E	P	F
Y	Z						
L	X						

MESSAGE:

K QCES TNLAWCQCDL

PART 3

CYBER SECURITY ESSAY

In May of this year the world's largest meat supplier, JBS Foods, fell victim to a major ransomware attack which has been featured in international news. JBS Foods employs more than 150,000 people worldwide, it supplies 25% of the beef in the USA as well as 20% of its pork. Some of the major players which depend on supply from JBS include several major grocery stores and fast-food giant, McDonalds.

A Russia-based hacking group is thought to be behind the attack according to sources in the White House. The attack prompted the shut down of several JBS plants in the US and Australia and threatened supply of meat internationally. Though the company is operational currently, they did pay an \$11 million in bitcoin to resolve the attack.

Motivations behind the attack are not known, but money is an obvious motive. In the attack, hackers got into the computer network and threatened to cause disruption or delete files unless a ransom in cryptocurrency was paid. JBS suspended all affected IT systems as soon as they became aware of the attack. Fortunately, the company's backup servers were apparently unscathed in the ordeal.