

# Some say that people are the biggest risk of Cyber Security.

This is my blog post discussing how people themselves are a cyber security risk and how management can limit that risk.

*Some say that people are the biggest risk of Cyber Security.*

*An organizations security is only as strong as its weakest link. In many cases, the people who work at organizations can themselves be the weakest link. In 2014 The company Anthem lost 80 million records of data. In this case, a database administrator exposed their password to a phishing scheme allowing the thieves access.*

*Staff can be managed to help them better understand and avoid common security mistakes (traps). Staff can be trained to develop their cyber-awareness. Cyber awareness training can teach people to identify fraudulent phishing attacks, check links before accessing them and how to handle sensitive information.*

*Training in cyber-awareness can allow users to identify if they are being targeted by a 'scam', the use of monitoring techniques on the system as a whole can allow staff to identify if the system is under attack. Insufficient monitoring means that developers will not be made aware of attacks (or other issues) fast enough to respond. If developers incorporate system monitoring, then it can allow them to make reactive changes to get attacks under control.*

*Access management can be used to help reduce the organization's vulnerabilities to attacks from inside the organizations. Staff should be granted permissions allowing only the level of access they require and no more. This way staff cannot inadvertently or maliciously abuse parts of the system they should have no access to.*

*Incorporate a continual improvement approach to security. Vulnerability assessments should be carried out routinely. After a vulnerability assessment has occurred any Vulnerability should be fixed. There could be an emphasis on making sure the latest*

*patches for security software are installed as well as considering physical security like access to server rooms.*