Cyberwarfare

It’s the **use of technology to penetrate and attack another nation’s computer   
 systems and networks in an effort to cause damage or disrupt sevices**

Sign of the times (Stuxnet)

One example of a state-sponsored attack involved the Stuxnet malware that was   
 designed not just to hijack targeted computers but to actually cause physical damage to  
 equipment controlled by computers

The purpose of cyberwarfare

**Gain advantage over adversaries, whether they are nation or competitors**

**Gather compromised information and/or defense secrets**  
 cyberwarfare in order to steal defense secrets and gather information about  
 technology that will help narrow the gaps in its industries and military capabilities

Furthermore, compromised sensitive data can give attackers leverage to blackmail   
 personnel within a foreign government

To impact another nation’s infrastructure

Purpose is to cause disruption and chaos

For example, cyber attack could shut down the power grid of a major city