**Position:** Chairman, Joint Chiefs

**Institution**: Department of Defense

**Faction:** Military

**Historical Reference:** Robert Gates

**Biography:**

At 66 years old, you have enjoyed a long and distinguished naval career. However, your experience is mainly in military operations, not policy. During your confirmation hearings, you voiced your support for a policy of permitting all Americans to serve in the military independent from gender identity or sexual orientation. You also have academic training in engineering and business. At the direction of President Obama, your primary objective as Chairman of the Joint Chiefs is to design a workable plan for the US withdrawal from Iraq.

You have little formal training on the technical aspect of cybersecurity and operations. However, you understand that increasingly future wars will be fought using a combination of conventional kinetic and modern cyber weapons simultaneously. This means that the military must develop a robust offensive cyber capability to prevent the US from falling behind its rivals. Also, your previous experience combined with the current conflicts Iraq and Afghanistan have convinced you that the US should never get involved in a conflict without a clear goal and exit strategy.

**Faction Advisory**

The Department of Defense now believes that modern warfare will involve both traditional military action and cyber operations simultaneously. Therefore, you can argue to have recourses to develop offensive cyber capabilities directed away from intelligence agencies to the Department of Defense so that they can be integrated into American warfighting plans.

In addition, while US military force is not a solution to every problem, there are certain forms of potential large-scale cyber-attacks that represent an existential threat to the country, and here military action is appropriate. However, the majority of cybersecurity issues are not equivalent to a traditional military attack against the US. The primary function of the military in cybersecurity is to deter attacks against the US that would undermine the American way of life. For this reason, clearly defining the military’s role in cybersecurity is going to require that the NSC come to a clear consensus on when and where America will be willing to fight in response to a cyber-attack. A primary objective is to articulate a “red line” in cyber that defines the nature and magnitude of an attack that would require a military response.

**Assignment**

At an upcoming meeting, the President (instructor) will convene the National Security Council (NSC) and ask it to develop a National Security Strategy for Cyber Security. You need to ensure that the final document the NSC produces reflects your institution’s priorities (see objectives). Because the NSC contains representatives from institutions (or agencies) with vastly different perspectives, this will be no easy task. Government agencies fight hard for influence and resources (e.g., a budget). Not everyone can get what they want. Thus, your colleagues need to hear your ideas, but you also need to convince them that your priorities belong in a document that will not—indeed, *can not*—contain everything. Evidence-based arguments will serve you best here, and you can prepare in the following ways:

* Research your *institution*. What does your institution generally do day-to-day? What are its general interests? This puts you in the mindset of the institution.
* Research the current state of cyberspace (as of January 21, 2009; no later). What are its characteristics? What are its main opportunities and challenges? The instructor will provide you with access to a database of resources to get you started, but you should not confine yourself only to those resources. You may use any time appropriate research.
* Research your policy toward cyberspace. Given (i) and (ii) above, what do you think a national cyber policy needs to contain? What do you think it should avoid? What language should it use?

As the game unfolds, the instructor will distribute additional assignments. You will need to complete those assignments as they arise.

**Objectives**

Your mandate is broad, and there are many different ways that you can ensure that your goals are met. You will need to be both creative and direct in pursuing your agenda. At a minimum, you should seek to:

* Ensure a clearly defined role for the military.
* More funding, resources, etc. to develop offensive cyber capabilities for the Department of Defense, so that these can be integrated into conventional warfighting.
* Tit for tat policy of escalation using cyber, not conventional military

You strongly oppose:

* Limited kinetic response to cyber-attacks (see Powell doctrine).
* Using the military before all other options have been exhausted.

**Strategy Advice**

You will want to encourage the NSC to carve-out cyber threats that do not require a military response. Your allies on the NSC may include the diplomatic corps because they believe that most cybersecurity issues are best dealt with diplomatically. You may be able to work with them on defining the red line. However, other factions may prefer an incremental “tit-for-tat” policy of gradual escalation from cyber to conventional military action. This approach may lead the US slowly, perhaps inadvertently, into a conflict that you believe to be unwise. Currently, intelligence agencies are primarily responsible for developing offensive cyber capabilities. You want to convince the NSC that some, if not all, of these resources should be redirected to the Department of Defense. You may be able to trade support for developing new diplomatic initiatives in exchange for this budget redirect.

Finally, you note that the Bush Administration’s cybersecurity plan emphasized government-industry partnerships as the best approach. However, the world has changed. A decentralized, loosely organized response to cyber is no longer viable. Only a coordinated government policy and strategy can keep the country safe.

**A Cautionary Note**

The game begins on January 21, 2009. Many subsequent administrations, including the current one, likely have a cyberspace policy. Your institution may even currently have cyber-related policies. These, however, will not necessarily be the administration’s or institution’s *historical*