Why a Cyber Operations Team?

• Department of Defense depends on cyberspace to:
- Execute its national security mission
- Provide a timely response to crisis or contingency operations
- Project power abroad and ensure the safety of our troops

• Governors have authority to:
- Command NG cyber forces like other NG capabilities when in a state status

• The Army National Guard has:
1x Cyber Brigade
5x Cyber Battalions
5x Cyber Security Companies
2x Cyber Security Detachments
5x Cyber Warfare Companies
2x Cyber Warfare Company Detachments
11x Cyber Protection Teams
3x Cyber Protection Detachments

• The Air National Guard currently has:
3x Cyber Operations Groups
12x Cyber Operations Squadrons (Cyber Protection Team)
3x Cyber Operations Squadron (National Mission Teams)
20x Mission Defense Teams
1x Cyber Operations Squadron (Aggressor/Red Team)

Cyber Operations Missions/Tasks

• Defensive Cyberspace Operations
• Cyber Command Readiness Inspections
• Vulnerability assessments
• Cyber opposing force (OPFOR) support (threat emulation)
• Critical infrastructure assessment
• Theater security cooperation
• Federal Emergency Management Agency (FEMA) support

Types of National Guard Cyber Units

Army National Guard	Air National Guard
Cyber Protection Teams Defend the DODIN, protect priority missions, prepare forces for combat	**Cyber Protection Teams** Defend the DODIN, protect priority missions, prepare force for combat
Defensive Cyber Ops Elements Defensive internal measures to secure National Guard portion of the DODIN & respond to state cyber emergencies as directed by Governor or Adjutant General	**Mission Defense Teams** Defensive cyber operations on specific weapons platform/system
Cyber Warfare Companies Full spectrum cyber operations support, OPFOR support to exercises, & pen-testing	**National Mission Teams** Intelligence-driven cyber operations against nation state actors in defense of the nation
Cyber Security Companies Vulnerability assessments, forensics analysis, Industrial Control Systems expertise, USCYBERCOM Readiness Inspections, cybersecurity support	**Red Team** Vulnerability assessments of friendly networks in support of Combatant Command & Service requirements

The NG participates in several cyber exercises annually, to include:

• **Cyber Shield** is an unclassified NG-hosted exercise focusing on the defense of Guard Net and state-directed coordination actions

• **Cyber Yankee/Dawn** are FEMA Regions 1 and 9 events, respectively, that allow cyber troops to test their capabilities and knowledge for incident response against live threat actors in a cyber range environment

• **Cyber Flag/Guard** are USCYBERCOMMAND hosted, inter-agency cyber exercises at the classified level focusing on critical infrastructure