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Preparing 24 AF for Future Cyber Operations



Mr. Rob Kaufman
318 Cyberspace Operations Group

OVERALL CLASSIFICATION OF THIS BRIEFING IS
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Our Mission

“American Airmen delivering full-spectrum, global cyberspace capabilities and effects for our Service, the Joint Force, and our Nation”



FLY, FIGHT, WIN!

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Why do we exist?

To Preserve our Freedom of Maneuver In/From/Thru Cyberspace while denying our Adversaries the same

To Project Power in/from/thru Cyberspace to generate required effects in support of our Combatant Commanders Missions

Cyberspace Superiority is a Common Core-Mission for all DOD Services

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Cyber IN War...not Cyber War

Synchronized All-Domain Integrated Effects:

- Air
- Space
- Cyber**
- Land
- Sea



Joint Force Campaign Plan



We Project Cyber Power to: Deter, Deny, Disrupt, Degrade, Destroy Enemy Capabilities

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DoD Cyberspace Operations Missions

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1. Defend the Nation from Cyber Attacks of Significant Consequence
2. Secure, Operate and Defend DoD Networks & Mission systems
3. Deliver All-Domain Integrated Cyber Effects in support of our Global Combatant Commanders Missions

We execute these three missions thru 6 Lines of Effort

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“BOSDEE” #24— Our Lines of Effort

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Build



Build, Engineer and Install Air Force Network infrastructure worldwide

- ✓ Support all 11 MAJCOMs and 7 CCMDs
- ✓ 30-70 Airmen TDY completing 60+ Active E&I Projects
- ✓ 60-90 deployed worldwide
- ✓ Tool and capability development

Operate



Operate enterprise mission services for ~1 million AF users worldwide

- ✓ 99.999% core system uptime
- ✓ 20 network orders executed
- ✓ 623 network trouble tickets closed

Secure



Secure enterprise infrastructure and DoDIN mission entities by deterring attack vectors

- ✓ Standardized TTPs in response to non-kinetic threat activity
- ✓ < 0.001% exposure to external scanning
- ✓ User login credentials assessment and control

Defend



Defend \$14.2B AF enterprise network and key mission systems

- ✓ 1.3B malicious in-bound connections blocked
- ✓ 5M out-bound suspect connections denied
- ✓ 147 RPA feeds monitored
- ✓ 15-20 new threats identified & mitigated

Extend



Extend Air Force Network and provide tactical communications in remote locations in support of contingency operations

- ✓ 60-90 Airmen deployed or supporting exercises
- ✓ 15 exercises / contingencies in planning
- ✓ 10-20 Airmen on mission supporting US Secret Service

Engage



Engage cyber capabilities in support of Combatant and Air Component Commanders

- ✓ Offensive Cyber Operations mission planning
- ✓ Operational planning and development
- ✓ Integration with CCMD and JFACC schemes of maneuver
- ✓ Tool development and malware analysis

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DoD's Cyber Mission Force



National Mission Forces

Counter Cyber---Operate in "Red Space"

21 Teams

Combat Mission Forces

Cyber Strike---Operate in "Red Space"

44 Teams

Cyber Protection Forces

Cyber Hunters---Operate in "Blue Space"

68 Teams

133 Total Teams 6,000+ People

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Air Force Contribution to Cyber Msn Force



National Mission Teams

12 Teams

Cyber National Mission Force



Combat Mission Teams

13 Teams

USSTRATCOM / USEUCOM



Cyber Protection Teams

14 Teams

Multiple Cyber Mission Owners



- Total contribution: 1,700+ Airmen; 39 Teams
- Forces presented to USCYBERCOM for Employment
- Jointly manned by 24 AF & 25 AF (1,000+ and 700+ Airmen)

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Questions

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