



Cyber Flag 12-1

The overall classification of this brief is: **UNCLASSIFIED**



Cyber Flag

Mission

Cyber Flag is a joint cyberspace training exercise fusing attack and defense across the full spectrum of operations against a realistic and thinking enemy in a virtual environment.

Objectives

- **Provide a dynamic joint cyber training environment**
- **Integrate offensive and defensive cyberspace operations**
- **Exercise USCYBERCOM C2 construct**
- **Leverage and operationalize ongoing planning efforts**



Cyber Flag - Attributes

- Tactically focused training exercise with operational C2 utilizing realistic virtual environments
 - Assumes necessary authorities, inter-agency coordination, deconfliction
- Allows for force-on-force offensive and defensive maneuvers
- Allows for dynamic OPFOR utilizing adversary TTP
 - Aggressors – moving beyond Red Teams
- Conducted on a cyber range with Face-to-Face Mass In-Brief and Debrief
 - Secure, repeatable, controllable, and measurable environment
 - Focused on debriefs to capture lessons learned and adjust TTPs and CONOPs
 - Face-to-Face in order to build esprit de corps and unity of effort for cyber forces
- Unencumbered by real-world Service/COCOM training constraints/safety restrictions
 - No exercise network is “off-limits”



Cyber Flag – Schedule

	Travel	Academics	Planning	Day 1	Day 2	Day 3	Day 4	Wrap up	Travel	
0600							DV Day			
0700	T r a v e l D a y	Security In-Processing	Mission Planning/ Range Fam	Mission Prep	Mission Prep	Mission Prep	Mission Prep		T r a v e l D a y	
0800		Opening Remarks		Mass Brief	Mass Brief	Mass Brief	Mass Brief	Lessons Learned		
0900		Security Brief		Mission	Mission	Mission	Mission	Security Out-Brief		
1000		Local Area Brief								Cyber Seniors Hotwash
1100		Academics								
1200		Academics								
1300		Academics		Post-Mission Analysis	Post-Mission Analysis	Post-Mission Analysis	Post-Mission Analysis			
1400		Facility Tours		White Cell Coord	Mass Debrief	Mass Debrief	Mass Debrief	Mass Debrief		
1500		Cyber Flag Mixer			Mission Planning	Mission Planning	Mission Planning	OIC Interviews		
1600								DV Day		
1700										
1800										
1900										

Event Key

- Admin
- Academics
- Planning
- Brief
- Mission



Cyber Flag – Future

Cyber Flag will become an annual joint cyber training event continually striving to sharpen the skills of Cyber Forces

Blue Forces

- Service specific “Flag-like” events in preparation for Joint Cyber Flag
- Explore “whole of government” approaches to cyber challenges through integration of other government agency equities (NSA, DHS, etc.) and allies
- Evaluate cyber role in OPLANs and conduct mission rehearsals

Cyber Ranges

- Leverage new technologies and expand existing range architecture to create an easily configurable Joint training and experimentation environment
- Enable virtual secure enclave operations to be executed during future Cyber Flag events as well as Service and COCOM major exercises
- Optimize and normalize range prioritization and scheduling

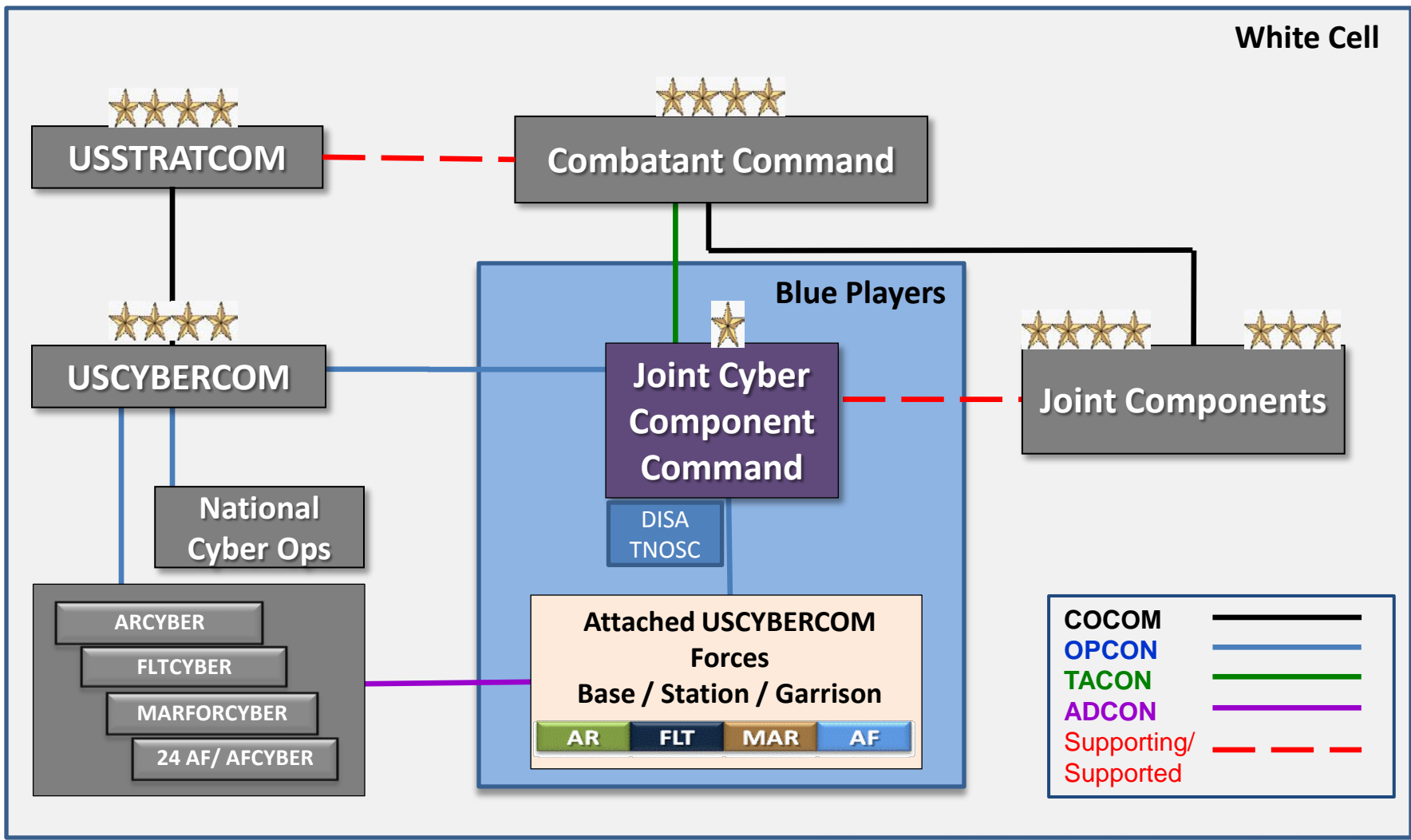


Cyber Flag 12-1 Questions?

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Cyber Flag C2 Construct



White Cell

Blue Players

COCOM	—
OPCON	—
TACON	—
ADCON	—
Supporting/Supported	- - -



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