



# Mission Assurance Overview

- **MA Definition**
- **MA Policy and Process**
- **MA-Related Programs and Activities**
- **MA Construct**
- **MA Risk Assessment**

# What is Mission Assurance?



**DoDD 3020.40, *Mission Assurance (MA)***: A process to protect and ensure the continued function and resilience of capabilities and assets by refining, integrating, and synchronizing the aspects of the DoD security, protection, and risk management programs that directly relate to mission execution.

# What is the Mission Assurance Construct?



DODI 3020.45: The Department of Defense established the “**Mission Assurance Construct**” as the DoD wide process to Identify, Assess, Manage, and Monitor the *risks to strategic missions*.

# “Who Owns MA Policy”

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- **Who is in charge of Mission Assurance Policy?**
  - **Office of the Under Secretary of Defense for Policy (USD(P))**
    - **Assistant Secretary of Defense for Homeland Defense and Global Security (ASD, HD&GS)**
    - **Deputy Assistant Secretary of Defense for Defense Continuity and Mission Assurance (DASD, DC&MA)**

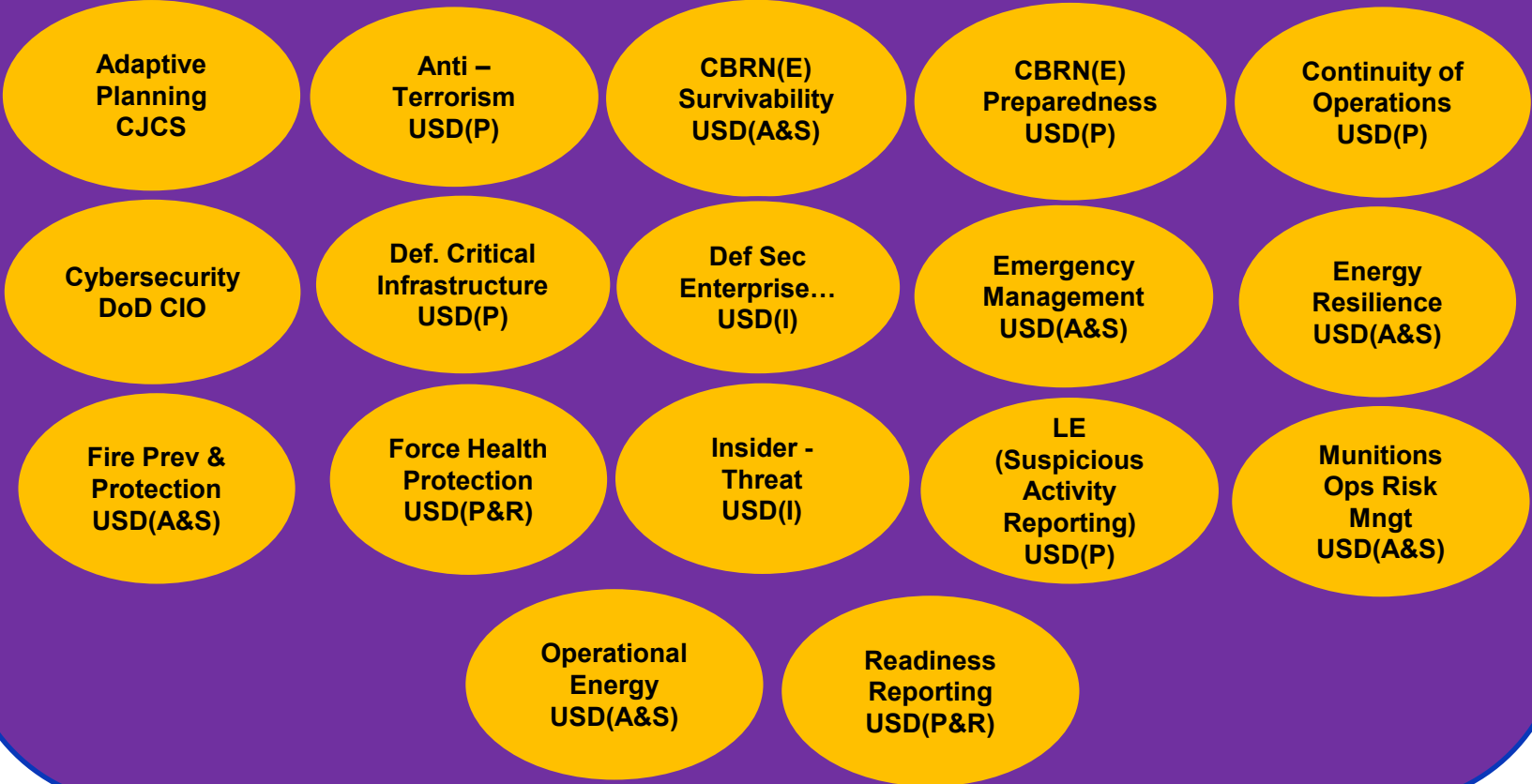
# “Who owns MA Process”



- **Who is in charge of the Mission Assurance Process?**
  - **Chairman of the Joint Chiefs of Staff**
    - **Joint Staff Deputy Director for Nuclear and Homeland Defense Operations, J-36**
    - **J-36, Homeland Defense Division**

# What are the "17" Mission Assurance-Related Programs and Activities (MARPAs)?

The Mission Assurance-Related Programs & Activities (MARPAs) provide standards and requirements for protecting the capabilities and assets from all threats and hazards.



# Mission Assurance Construct

## Mission Assurance Construct

**Process 1**  
**IDENTIFICATION**  
What is important and Why?

**Process 2**  
**Assessment**  
What is the Risk?

**Process 3**  
**Risk Management**  
What can we do?

**Process 4**  
**Monitoring & Reporting**

Subordinate Commands Identify TAs based on assigned missions

Components collaborate to analyze missions – Nominate TCAs

Mission Owners validate TCAs and evaluate consequence to mission

CJCS nominated DCAs

DEPSECDEF approves DCAs

**Products**

DCA and TCA Lists

DCI List

Mission Impacts

Informs: Assessment Focus Statements

Defended Asset Lists

Conduct an All Hazards & Threats Assessment

Conduct Mission Assurance Assessment

Based on Mission Assurance Benchmarks

**Products**

Mission Assurance Assessment Report

Informs: Risk Management Process

Feeds CJCS Risk Assessment

Components coordinate Risk Management for TCAs

Mission Owners provide Mission Mitigation Plan

Asset Owners provide Risk Response Plans

Develop Risk Management Plan for DCAs

DCA Risk Management Plans managed and approved by DEPSECDEF

**Risk Management Decision**

Accept

Mitigate

Remediate

Joint Responsibility of Mission and Asset Owner

**Monitor**

- Threat and Hazard Streams
- Risk Response Plans (POM)
- Periodic Review/Validation of DCA Status

**Report**

- Changes to Operational Status
- Unanticipated risk (hazards/threats)

Enabling decision makers at the installation, component, and department levels



# What is Risk?



**Cube root...**

$$\text{risk score} = \sqrt[3]{(\text{criticality score} \times \text{hazard / threat score} \times \text{vulnerability score})}$$

**...of the product of criticality, threat / hazard, and vulnerability**

$$\text{risk score} = \sqrt[3]{(\text{criticality score} \times \text{hazard / threat score} \times \text{vulnerability score})}$$

↑  
**Provided in  
 Assessment  
 Focus Statement  
 (Mission Owner)**

↑  
**Provided in All  
 Hazard Threat  
 Assessment  
 (Installation)**

↑  
**Determined by  
 assessment team  
 (Functional SME)**

# What are Assets?

**Defense Critical Asset (DCA):** An asset of such extraordinary importance to operations in peace, crisis, and war that its incapacitation or destruction would have a **very serious**, debilitating effect on the ability of the **Department of Defense** to fulfill its missions. (DoDD 3020.40)

**Task Critical Asset (TCA):** An asset that is of such extraordinary importance that its incapacitation or destruction would have a **serious**, debilitating effect on the ability of **one or more DoD or OSD Components** to execute the capability or mission-essential task it supports. Task critical assets are used to identify defense critical assets. (DoDD 3020.40)

**Task Critical Asset (TCA) Tier 1:** An asset whose loss, incapacitation, or disruption would result in **mission failure** at the **DoD Component level** of a MET or essential capability aligned to strategic missions. (DoDI 3020.45)

**Task Critical Asset (TCA) Tier 2:** An asset whose loss, incapacitation, or disruption would result in **severe mission degradation** at the DoD Component level of a MET or essential capability aligned to strategic missions. (DoDI 3020.45)

**Task Critical Asset (TCA) Tier 3:** An asset **not currently assigned** to support a strategic mission, but will become a Tier 1 or Tier 2 TCA when designated by its parent component to support a strategic mission. (DoDI 3020.45)

**Task Asset (TA):** An asset that is directly used to support execution of one or more operations, tasks, activities, or METs. (DoDI 3020.45)

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**Questions?**

**Contact Mission Assurance**  
**229-639-5771**