

# Operationalizing HSPD-8 Implementation for Training

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## HSPD – 8: National Preparedness

- Issued December 17, 2003
- ***Help ensure preparedness of Nation to prevent, respond to, and recover from domestic terrorist attacks, major disasters, and other emergencies***
- Develop a national domestic all-hazards preparedness Goal
- Establish:
  - Measurable readiness priorities and targets (Target Capabilities List and Universal Task List)
  - Readiness metrics
  - Standards for preparedness assessments and strategies
  - System for assessing Nation's preparedness
- Federal departments and agencies will work to achieve the Goal by:
  - Improving delivery of Federal preparedness assistance to State and local governments
  - Supporting efforts to ensure first responders are prepared



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# HSPD-8 Implementation

- **Capabilities Based Planning**
  - Planning under uncertainty to provide capabilities for a wide range of threats and hazards in a framework that requires prioritization
- **Goal:**
  - To engage Federal, State, local, and tribal entities, their private and non-governmental partners, and the general public to achieve and sustain risk-based target levels of capability to prevent, protect against, respond to, and recover from major events in order to minimize the impact on lives, property, and the economy
- **Draft final National Preparedness Goal and Target Capabilities List version 2.0 issued for comment**
  - Available at [www.LLIS.gov](http://www.LLIS.gov)
  - [Hspd8@dhs.gov](mailto:Hspd8@dhs.gov)



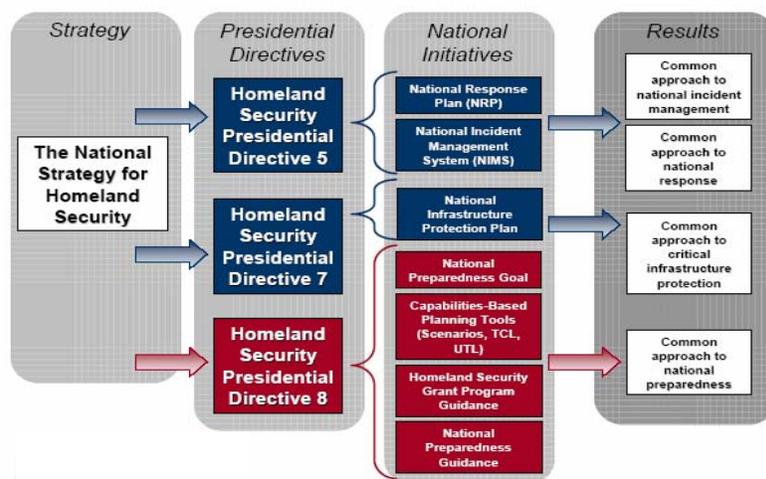
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# National Preparedness in Context



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# National Preparedness Goal

- Vision
- Capabilities-Based Planning
- National Priorities
- Other Elements that Support the Goal:
  - Standards for Preparedness Assessments and Strategies
  - Assessment System
  - Annual Status Reports
- Goal Management and Maintenance

Provides the means to answer the questions: "How prepared do we need to be?", "How prepared are we?", and "How do we prioritize efforts to close the gap?"



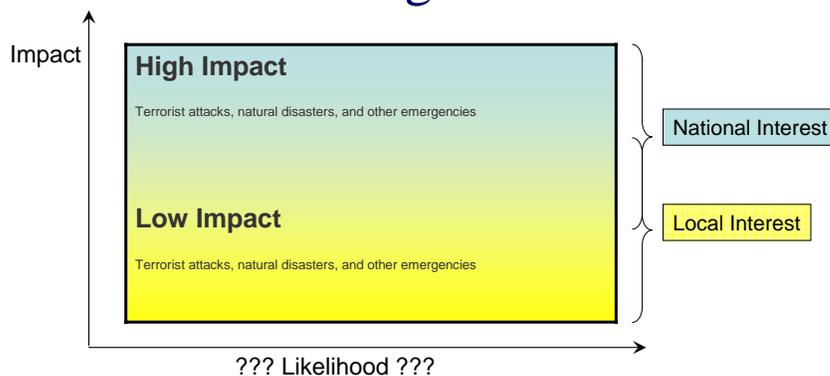
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# Capabilities-Based Planning *is* All-Hazards Planning



Planning under uncertainty to provide capabilities suitable for a wide range of threats and hazards while working within an economic framework that necessitates prioritization and choice



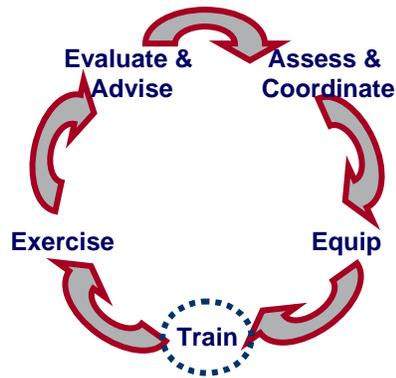
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# National Preparedness System



- Measure preparedness according to goal
- Coordinate within and among government agencies to meet needs
- Provide technology and equipment according to national equipment standards and interoperability guidelines
- Provide initial and continuing training according to national guidelines
- Drill in realistic scenarios incorporating current training and equipment
- Evaluate proficiency against existing standards and guidelines
- Identify areas for improvement and best practices



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# HSPD-8 Implementation

- ***For what range and scope of events must we prepare?***
  - National Planning Scenarios
- ***What do we need to do to prevent, protect against, respond to, and recover from these events?***
  - Universal Task List (UTL)
    - Tasks that must be performed
    - Task interdependence and interrelationship
    - Does NOT address how or who performs task
    - Provides common language and reference
    - Approximately 1600 tasks
- ***What are the most important (critical) tasks?***
  - Those required to prevent/reduce loss of life or major property damage, or if not performed put mission outcomes at risk



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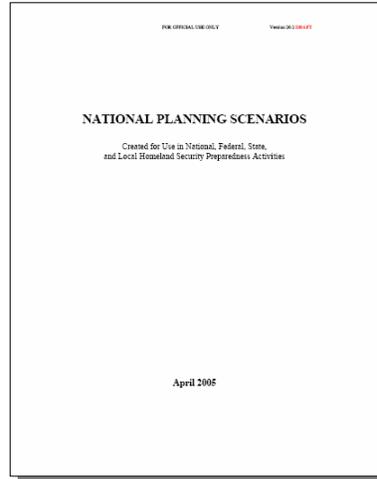
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# National Planning Scenarios

- Companion to the Goal
- Illustrate the impacts of a range of potential major events, including terrorist attacks, major disasters, and other emergencies
- Provides a tool to help evaluate and improve capabilities to perform assigned missions and tasks in major events
- Use of Scenarios in Federally-funded activities is addressed in individual program guidance
- Currently includes 15 Scenarios



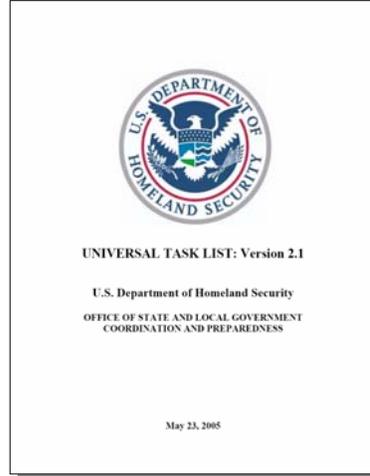
# National Planning Scenarios

- **Scenario 1:** Nuclear Detonation – Improvised Nuclear Device
- **Scenario 2:** Biological Attack – Aerosol Anthrax
- **Scenario 3:** Biological Disease Outbreak – Pandemic Influenza
- **Scenario 4:** Biological Attack – Pneumonic Plague
- **Scenario 5:** Chemical Attack – Blister Agent
- **Scenario 6:** Chemical Attack – Toxic Industrial Chemicals
- **Scenario 7:** Chemical Attack – Nerve Agent
- **Scenario 8:** Chemical Attack – Chlorine Tank Explosion
- **Scenario 9:** Natural Disaster – Major Earthquake
- **Scenario 10:** Natural Disaster – Major Hurricane
- **Scenario 11:** Radiological Attack – Radiological Dispersal Devices
- **Scenario 12:** Explosives Attack – Improvised Explosive Device
- **Scenario 13:** Biological Attack – Food Contamination
- **Scenario 14:** Biological Attack – Foreign Animal Disease
- **Scenario 15:** Cyber Attack



# Universal Task List

- Companion to the Goal
- No single entity is expected to perform every task
- Serves as a common language and reference system
- Provides the source for training and exercise objectives, and input to operations planning and performance evaluation
- Currently includes ~1,600 tasks, including ~300 critical tasks



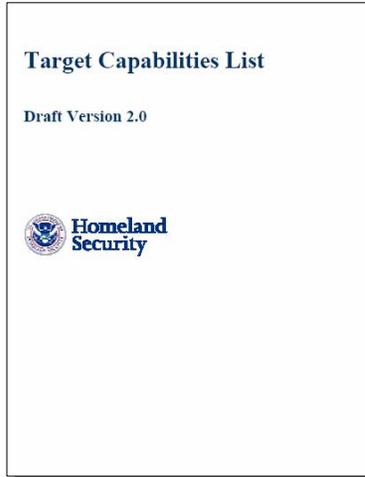
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- ***What capabilities are required to perform the critical tasks?***
  - Target Capabilities List (TCL)
  - Achieve a measurable outcome by performing one or more critical tasks
- ***How do we operationalize these capabilities?***
  - Interim National Preparedness Goal - March 2005
  - Draft TCL Version 2 issued for comment
  - Map resources to capabilities to find gaps and overlaps
  - Align training with related capabilities
  - Select and develop training to address capability gaps



# Target Capabilities List

- Companion document to the Goal
- Provides guidance on the specific capabilities and levels that *civilian* Federal, State, local, and tribal entities will be expected to develop and maintain
- Every entity will not be expected to develop and maintain every capability to the same level
- Specific capabilities and levels will vary based upon the risk and needs of different types of entities
- Currently includes 37 capabilities



# Target Capabilities

- **Common**
  - Planning
  - Communications
  - Community Preparedness and Participation
  - Risk Management
- **Prevent Mission Area**
  - Info Gathering & Recognition of Indicators and Warnings
  - Intelligence Analysis & Production
  - Info Sharing & Dissemination
  - Law Enforcement Investigation and Operations
  - CBRNE Detection
- **Protect Mission Area**
  - Critical Infrastructure Protection
  - Food and Agriculture Safety & Defense
  - Epidemiological Surveillance & Investigation
  - Public Health Laboratory Testing
- **Respond Mission Area**
  - On-Site Incident Management
  - Emergency Operations Center Mgmt
  - Critical Resource Logistics & Distro
  - Volunteer Management & Donations
  - Responder Safety & Health
- **Respond Mission Area (cont)**
  - Public Safety & Security Response
  - Animal Health Emergency Support
  - Environmental Health
  - Explosive Device Response Ops
  - Firefighting Operations/Support
  - WMD/Hazardous Incident Response & Decontamination
  - Citizen Protection: Evacuation and/or In-Place Protection
  - Isolation & Quarantine
  - Urban Search & Rescue
  - Emergency Public Information & Warning
  - Triage & Pre-Hospital Treatment
  - Medical Surge
  - Medical Supplies Management and Distribution
  - Mass Prophylaxis
  - Mass Care
  - Fatality Management
- **Recover Mission Area**
  - Structural Damage & Mitigation Assess
  - Restoration of Lifelines
  - Economic & Community Recovery



## Elements of Capability

<b>Personnel</b>	Paid and volunteer staff who meet relevant qualification and certification standards necessary to perform assigned missions and tasks.
<b>Planning</b>	Collection and analysis of intelligence and information, and development of policies, plans, procedures, mutual aid agreements, strategies, and other publications that comply with relevant laws, regulations, and guidance necessary to perform assigned missions and tasks.
<b>Organization and Leadership</b>	Individual teams, an overall organizational structure, and leadership at each level in the structure that comply with relevant laws, regulations, and guidance necessary to perform assigned missions and tasks.
<b>Equipment and Systems</b>	Major items of equipment, supplies, facilities, and systems that comply with relevant standards necessary to perform assigned missions and tasks.
<b>Training</b>	Content and methods of delivery that comply with relevant training standards necessary to perform assigned missions and tasks.
<b>Exercises, Evaluations, and Corrective Actions</b>	Exercises, self-assessments, peer-assessments, outside review, compliance monitoring, and actual major events that provide opportunities to demonstrate, evaluate, and improve the combined capability and interoperability of the other elements to perform assigned missions and tasks to standards necessary to achieve successful outcomes.
<b>NOTE: Elements of capability are consistent with NIMS</b>	



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## National Preparedness Priorities

### Overarching Priorities

Implement NIMS / NRP  
Expanded regional collaboration  
Implement NIPP

### Capability Specific Priorities

Strengthen Information Sharing and Collaboration  
Strengthen Interoperable Communications  
Strengthen CBRNE Detection, Response, and Decontamination  
Strengthen Medical Surge and Mass Prophylaxis



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## National Priorities and the TCL

Implement the NIMS and NRP	Apply to multiple capabilities
Expand Regional Collaboration	
Implement the NIPP	
Strengthen Information Sharing and Collaboration Capabilities	Intelligence/Information Sharing and Dissemination
	Law Enforcement Investigation and Operations
Strengthen Interoperable Communications Capabilities	Interoperable Communications
Strengthen CBRNE Detection, Response, and Decontamination Capabilities	CBRNE Detection
	Explosive Device Response Operations
	WMD/Hazardous Materials Response and Decontamination
Strengthen Medical Surge and Mass Prophylaxis Capabilities	Mass Prophylaxis
	Medical Surge



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## Priority Capabilities

- CBRNE Detection
- Critical Infrastructure Protection
- Explosive Device Response Operations
- Food and Agriculture Safety and Defense
- Information Collection and Threat Detection
- Information Sharing and Collaboration
- Intelligence Fusion and Analysis



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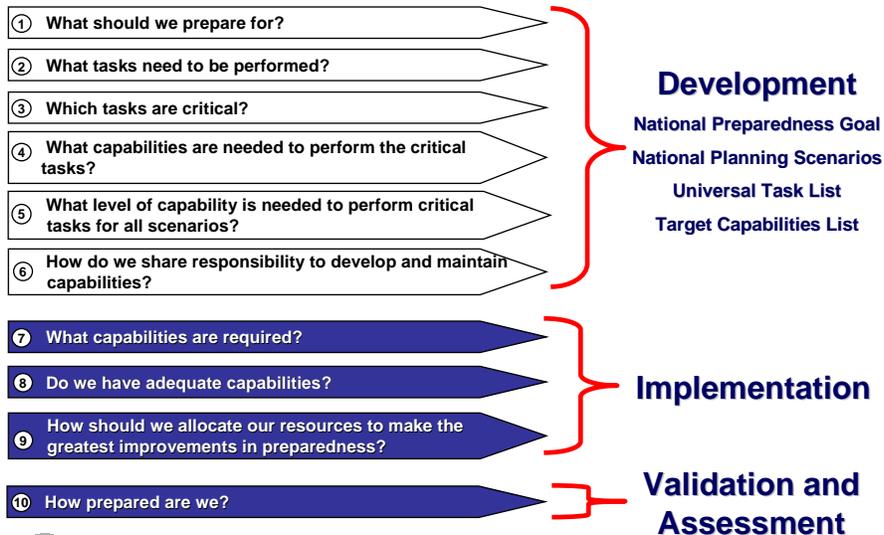
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# Priority Capabilities

- Interoperable Communications
- Law Enforcement Investigation and Operations
- Mass Prophylaxis
- Medical Surge
- Risk Management
- WMD/Hazardous Incident Response and Decontamination



# The Planning Process



## Target Capabilities and Training

- Comprised of various elements – plans, personnel, organization/leadership, equipment, exercises and evaluation
- TCL combines responder disciplines/groups with four preparedness missions (prevent, protect, respond and recover), and divides them into 37 mission- and performance-based capabilities
- ***To operationalize TCL for training, must answer the questions of who requires training on what tasks and to what extent***
- Continuation and evolution of work begun under ODP Training Strategy and Responder Guidelines



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## Training and Capabilities

- Currently conducting a review of training elements for capabilities linked to National Priorities
- Identifying the personnel disciplines required to perform the critical and underlying tasks for that capability
- Identifying the training (Federal, State, local, and tribal) required to successfully achieve the capability's stated outcome
- ***Objective: provide toolbox of options to work toward achieving or sustaining a capability***



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## How will this aid implementation?

- Provide a training “toolbox” that will array training against target capabilities
- Enable Federal, State, local, and tribal entities to rapidly identify training opportunities which meet the capabilities
- Facilitate a more effective linkage between training and exercises
- Provide the ability to identify training needs from After Action Reports and Improvement Plans



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## Example – Explosive Device Response Operations

- **Disciplines/Groups**
  - EMS
  - Explosive Ordnance Disposal
  - Fire
  - HazMat
  - Law Enforcement
  - Urban Search and Rescue
- **Two critical tasks and 36 related critical tasks**
- **CAPABILITY DESCRIPTION**
  - The capability to coordinate, direct, and conduct explosive device response operations.
- **OUTCOME**
  - Successfully disrupt and dispose of explosives.
- **ESF/ANNEX**
  - Terrorism Incident Law Enforcement and Investigation Annex
- **UTL TAXONOMY LOCATION**
  - Respond, Minimize Impact, Respond to Hazard
- **ASSOCIATED CRITICAL TASKS**
  - Res.B.2 6.2 Explosive Device Response Operations
  - Res.B.2 6.3 Detect, defuse and dispose of IED terrorist weapons



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## Example – Explosive Device Response Operations

- **Capability Measures**
  - Number simultaneous incidents that can be addressed with existing jurisdictional and/or mutual aid assets
  - Number of personnel trained and equipped for explosive detection and response
  - Number of deployable certified explosive ordnance disposal teams (EOD) within identified jurisdictions
  - Yes/No Plans, policies, and procedures for explosives detection and response are in place
  - Yes/No Plans for explosives detection and response have been exercised
- **Performance Measures**
  - Time from requesting explosives ordnance operations resources to the arrival of EOD teams on site
  - Time for explosive to be rendered safe
  - Yes/No Explosives were safely disposed
  - Yes/No Bomb squad plans and procedures were successfully implemented



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## Example – Explosive Device Response Operations

- **CAPABILITY ELEMENTS**
  - Personnel
  - Planning
  - Organization and Leadership
  - Equipment and Systems
  - **Training**
  - Exercises, Evaluations, and Corrective Actions
  - Linked Capabilities
- Training
  - WMD and secondary device awareness and response
  - Basic/advanced hazardous devices school
  - De-arming
  - HAZMAT technician
  - Post blast investigation
  - NIMS
  - Interoperable communications



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## Connecting Training and Exercises

- States and territories are encouraged to conduct an annual Exercise and Training Planning Workshop
  - Set priorities and evaluate effectiveness of the current exercise and training strategy and program
  - Produce a multi year Exercise and Training Plan
  - Ensure that training and exercises complement each other
  - Example of a combined Multiyear Training and Exercise Plan will be posted early December



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## Next Steps

- Review Interim Goal and TCL Version 2
- Send comments and questions to [hspd8@dhs.gov](mailto:hspd8@dhs.gov)
- Review Homeland Security Strategies for alignment with TCL
- Align identified training priorities with Target Capabilities



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## Questions?

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