



## A Comparative Case Study of CBRN vs HazMat Response

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Identify areas of improvement between Singapore's HazMat and CBRD forces

**What are the similarities and differences between CBRN and HazMat?**

**What are the areas of integration between HazMat and CBRN forces?**

**What are the areas that should be delineated between both forces?**

- Presence of Malicious Intent
- Presence of non-CBRN hazards
- Type of response required
- Aftermath and Impacts on individuals and community
- Casualty Management

- Operations:
- CBRN Threat mitigation
  - Decontamination Operations
  - Tiered Triage System
  - Large Scale Attacks
- Cap Dev:
- Coordinated buys to further capabilities
  - Intelligence and Information Sharing

- Operations:
- Elements of Public Rescue and Medical Evacuation
  - Addressing CBRN threats in a high-risk environment
- Cap Dev:  
Research and Survey results were inconclusive.

CBRN Phases of Operations & Capability Development

- Recommendations:
1. Improve communication efforts and platforms between SAF and SCDF; Communication between Responders and the Public
  2. Area Management and Interoperability during operations
  3. Integrate operational procedures and equipment capabilities for Threat Identification, Mitigation and Decontamination