OFFICE OF THE DIRECTOR OF NATIONAL INTELLIGENCE

A Common Cyber Threat Framework:
A Foundation for Communication

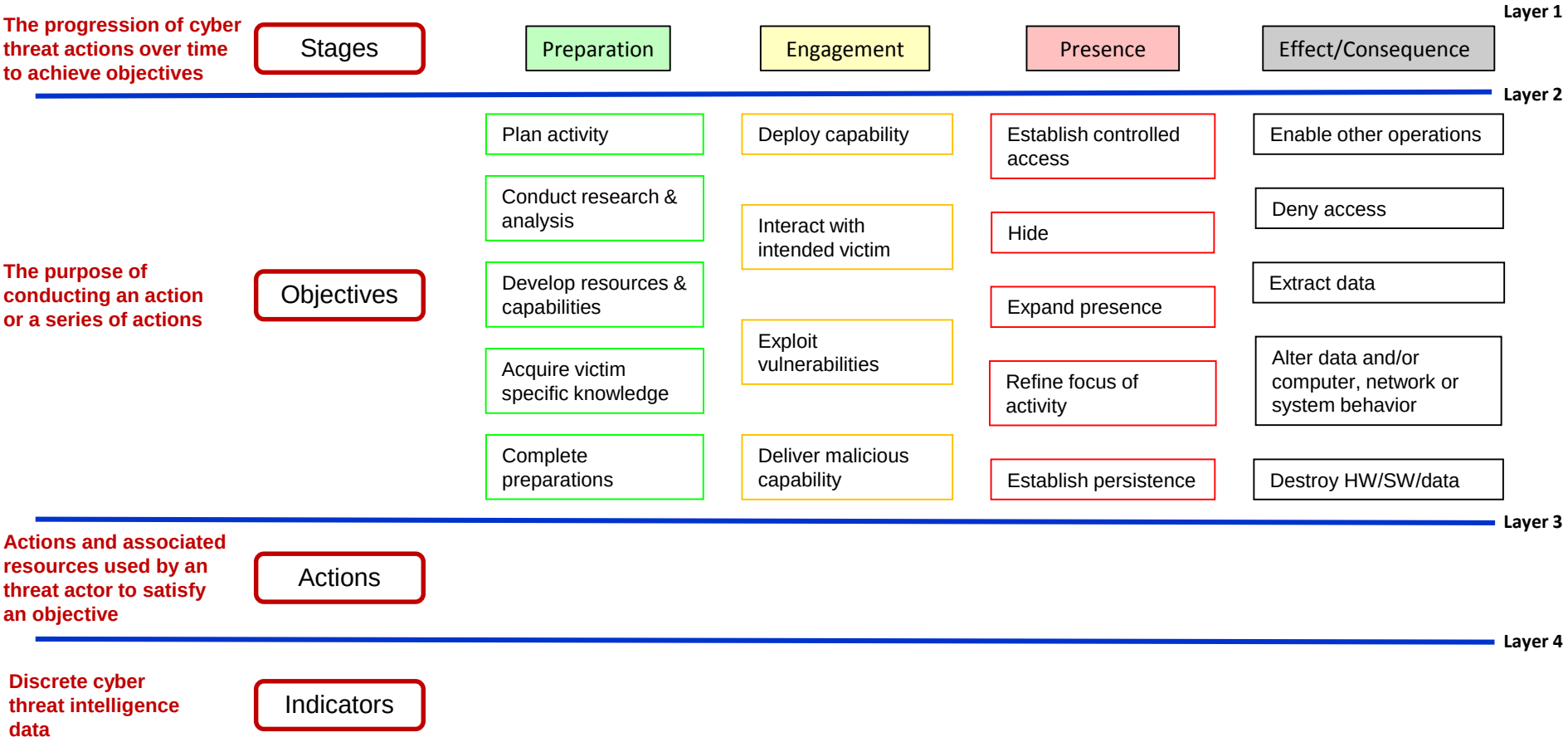
LEADING INTELLIGENCE INTEGRATION

Goals of a Common Approach

- Key Attributes: a model that is ***hierarchical***, ***structured***, ***transparent*** *and* ***repeatable***, tied to ***explicit definitions***
- An optimized cyber threat framework
  - Is focused on empirical and often sensor-derived data; serves as the foundation for subsequent analysis and decision-making
  - Supports analysis and the characterization and categorization of cyber threat information through the use of standardized language
  - Accommodates a wide variety of data sources, threat actors and threat activity
  - Information arranged hierarchically and organized in increasing "layers" of detail
  - Can be tailored or customized to meet individual needs

Common Cyber Threat Framework

Threat Actor Objectives within the "Threat Lifecycle"



Common Cyber Threat Framework

Current Status

- Used in threat products by multiple US Government agencies and some Allies
- Adoption across the Executive Branch high priority for 2018
- Under consideration by NATO and Asian allies to facilitate a common operating picture and enhance information sharing
- Being taught to new US Government cyber analysts
- Included in curricula and research at multiple universities
- Evolution continues based on use and ongoing outreach to industry, academia, government, and international partners

Framework materials available at DNI.GOV