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CND Data Strategy Pilot

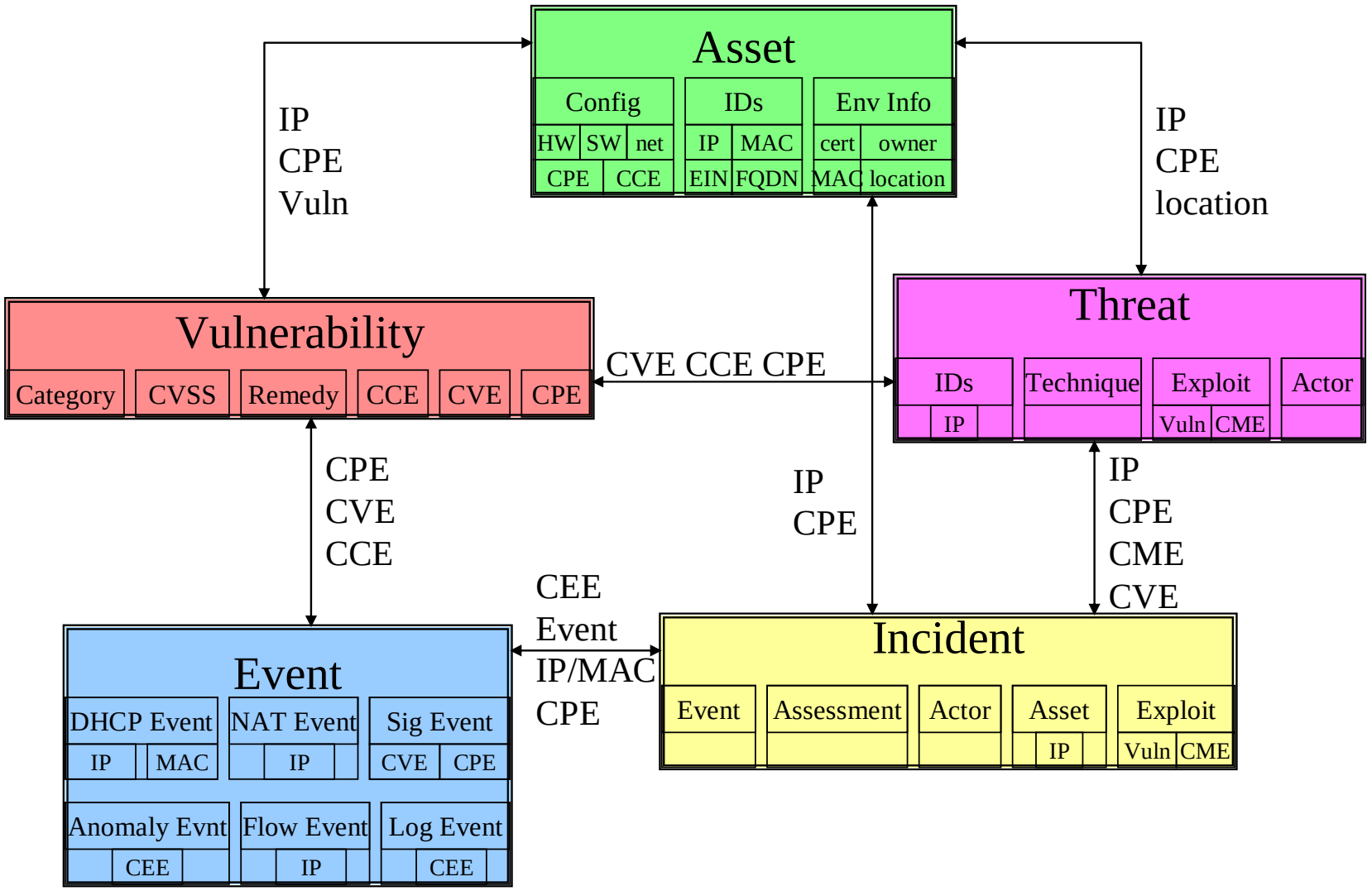
Background

- Created a formal DoD CND Architecture.
- Initiated formalization of a CND Data Strategy in early FY07.
  - Security Content Automation Protocols (SCAP)
  - Network Defense Data Models
  - OSD/NII initiated Pilot to demonstrate the concept.

Security Content Automation Protocols (SCAP)

- Provide standards based impact measurements for software flaws and configuration issues.
  - For any given software flaw (CVE) one can determine the affected standard product names (CPE).
  - For any given standard product name (CPE), one can determine the configuration issues that affect that product (CCE).
  - For any given software flaw (CVE) or configuration issue (CCE), one can determine the standard impact score (CVSS).

CND Data Model Overview



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CND Components

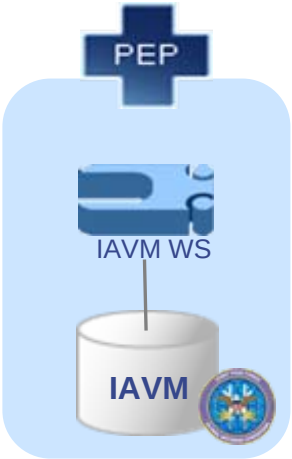
CND User & Agent

Web Mapping WS

Geocoding WS

CND Portal

Service Discovery



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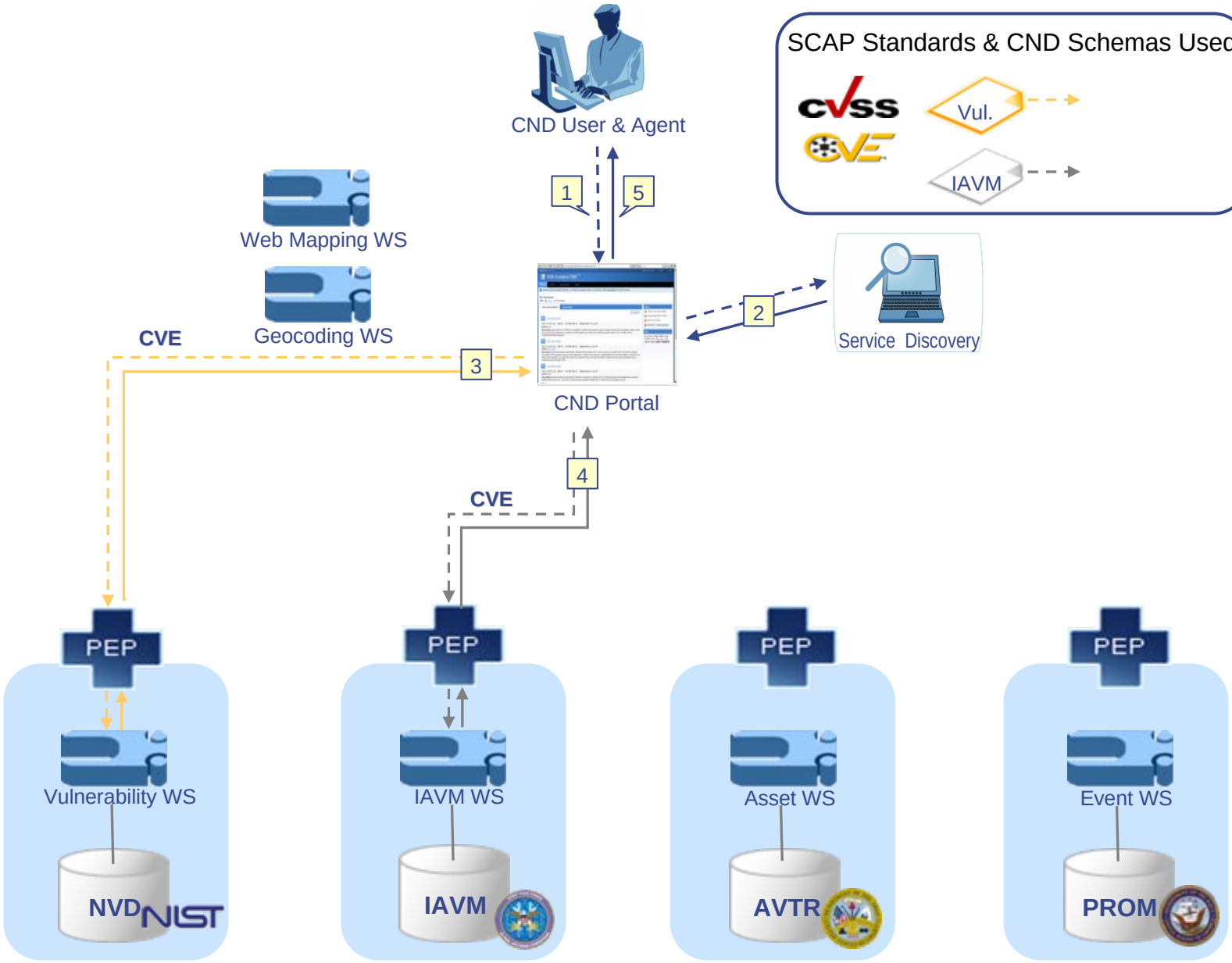
Get Latest Vulnerability



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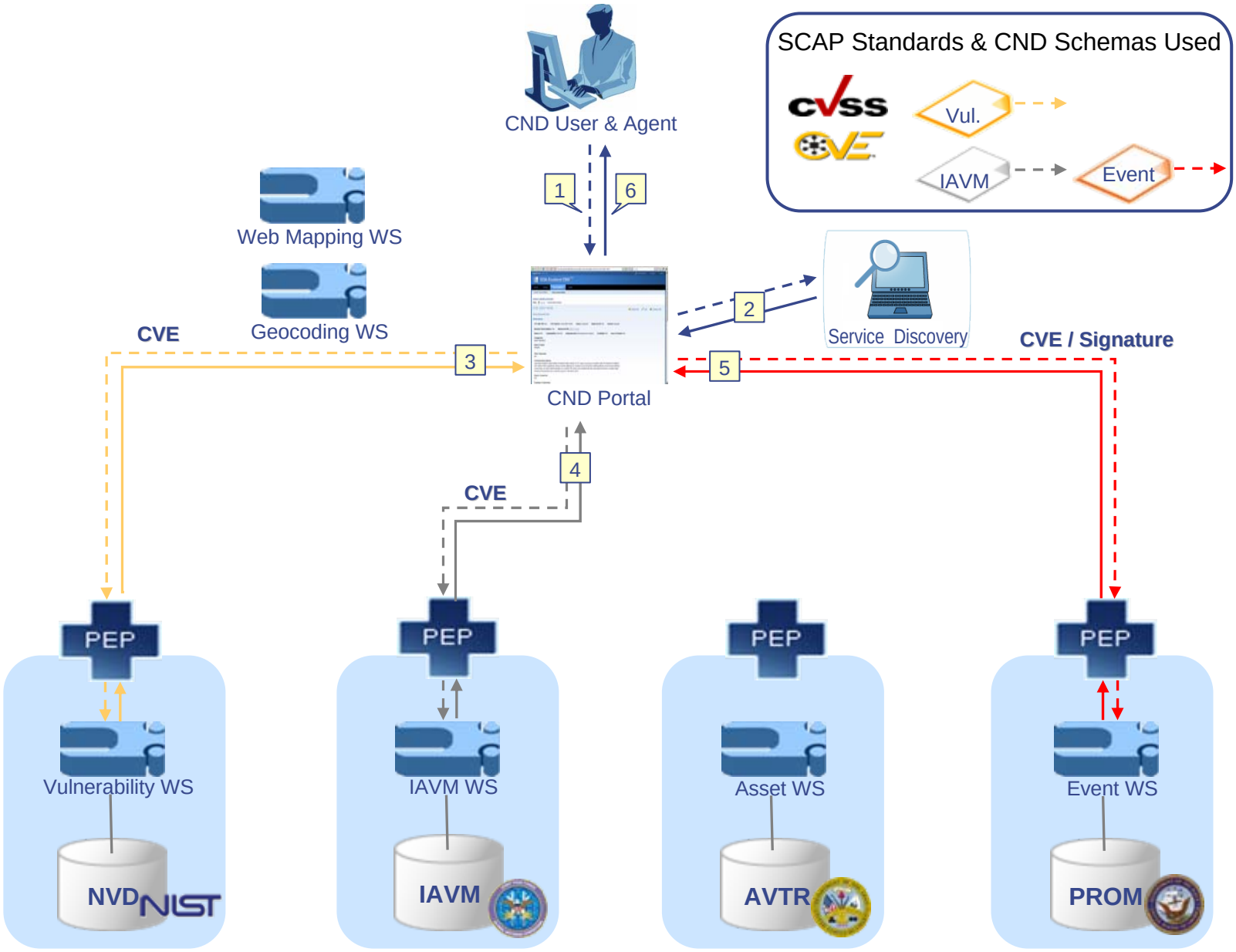
Get Vulnerability Details



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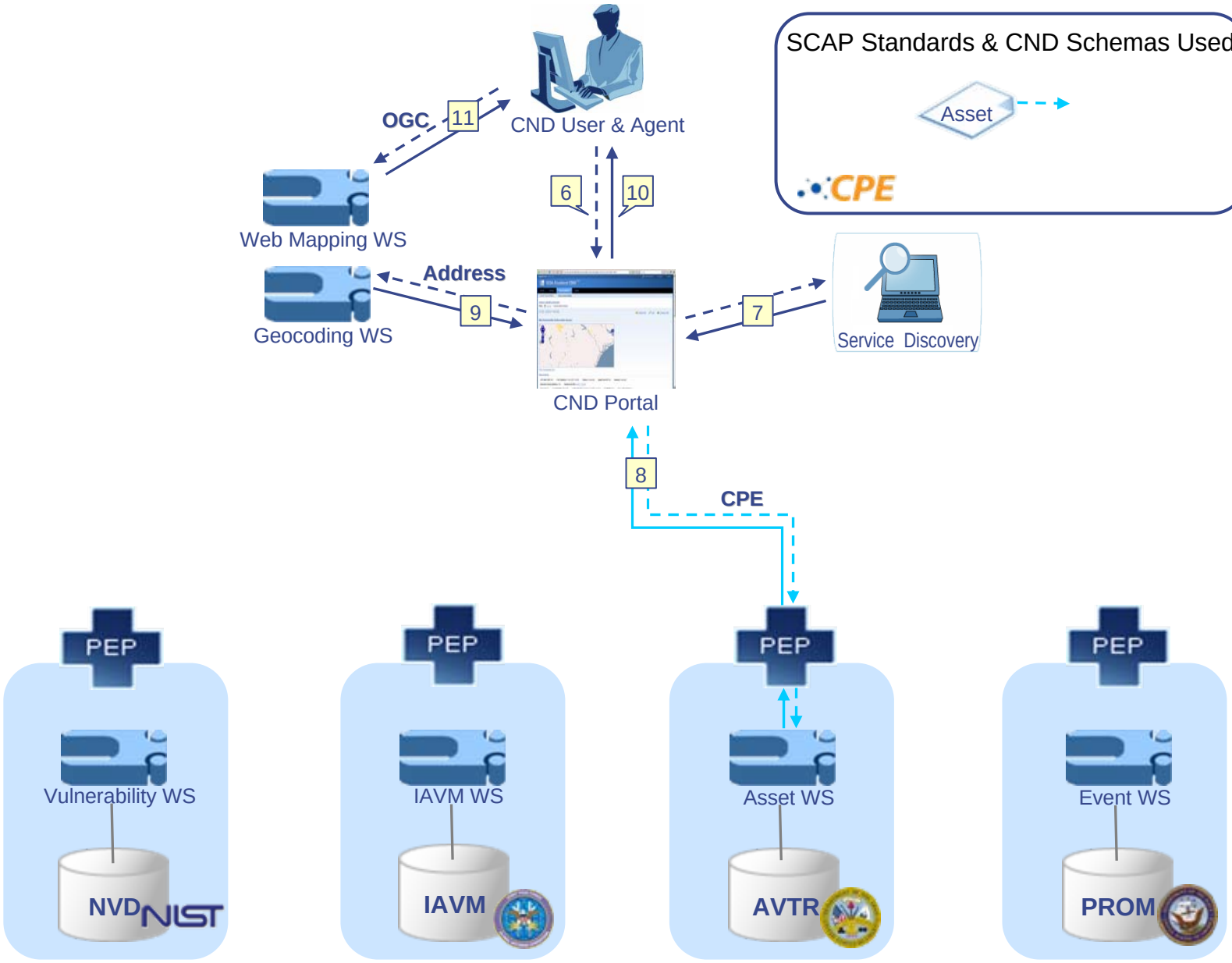
Get Vulnerability Details with geo-spatial



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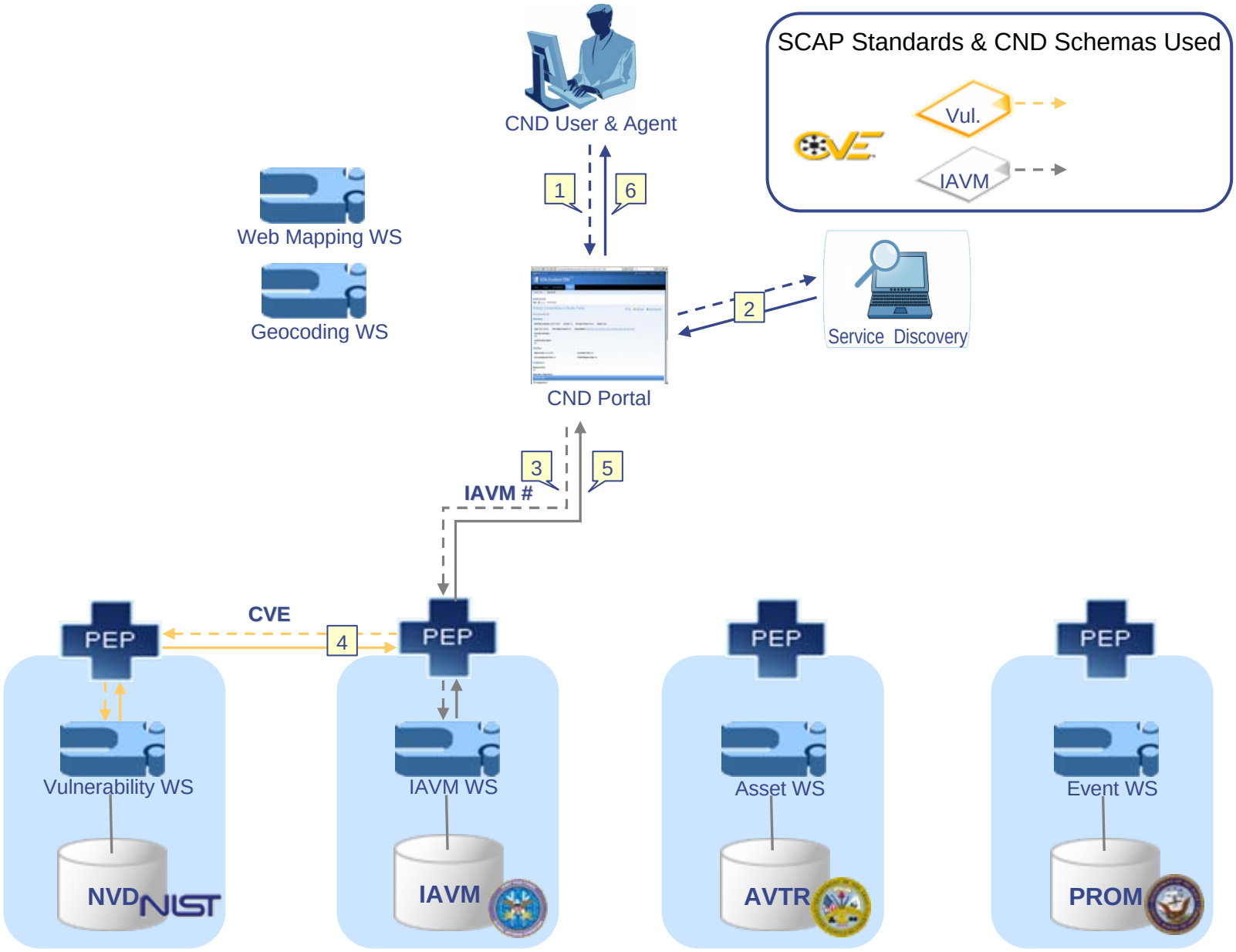
Get IAVM Details



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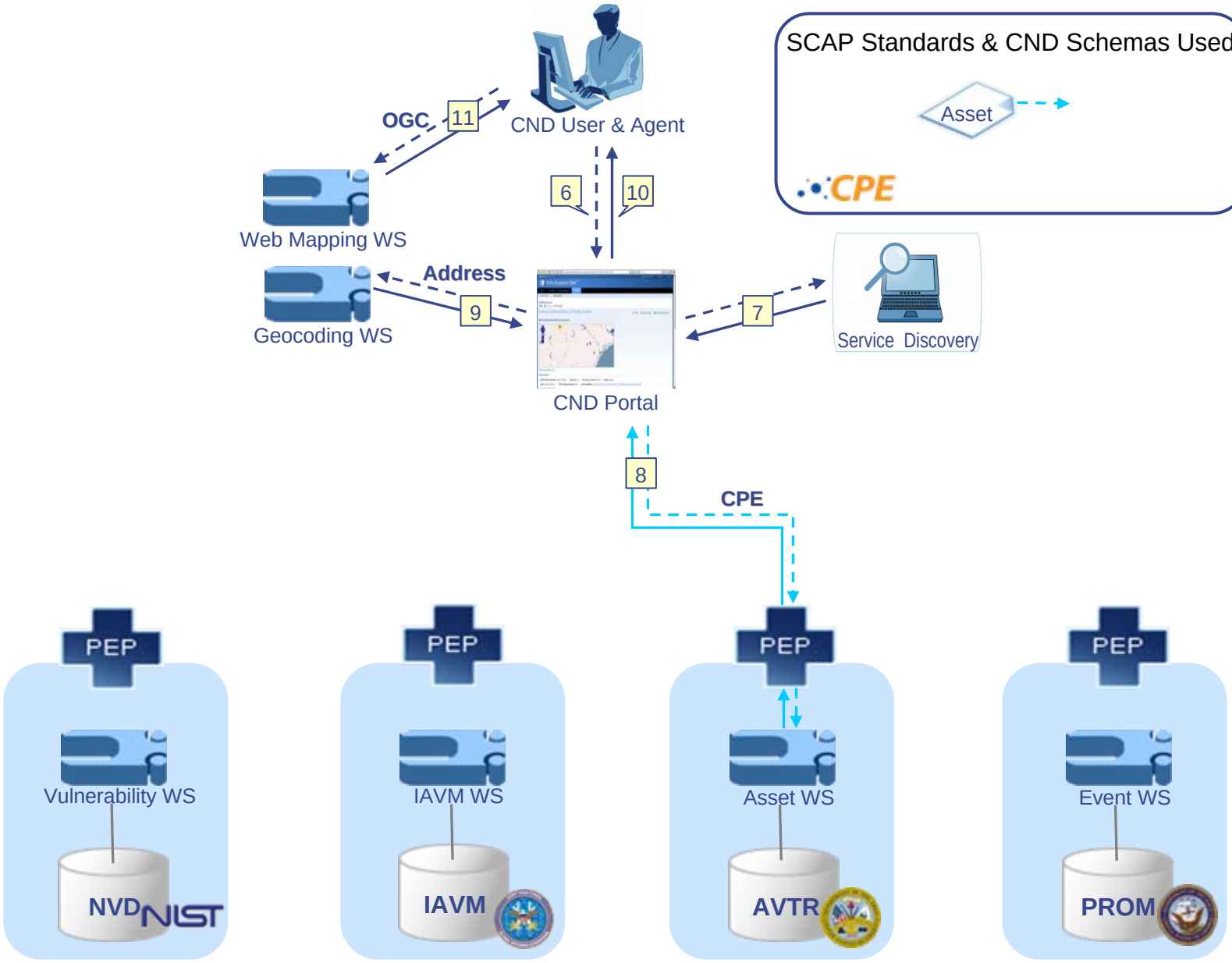
Get IAVM Details with Geospatial



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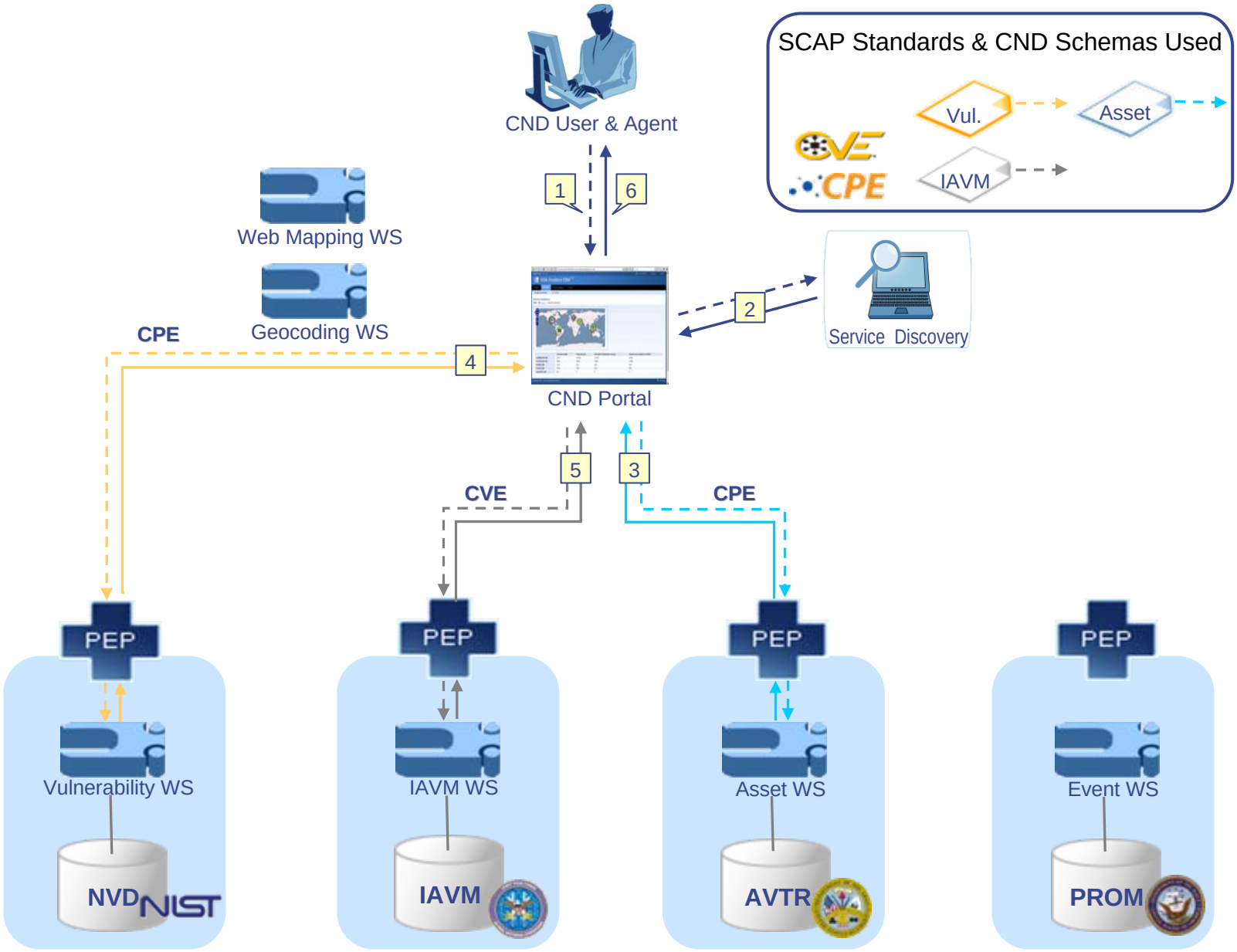
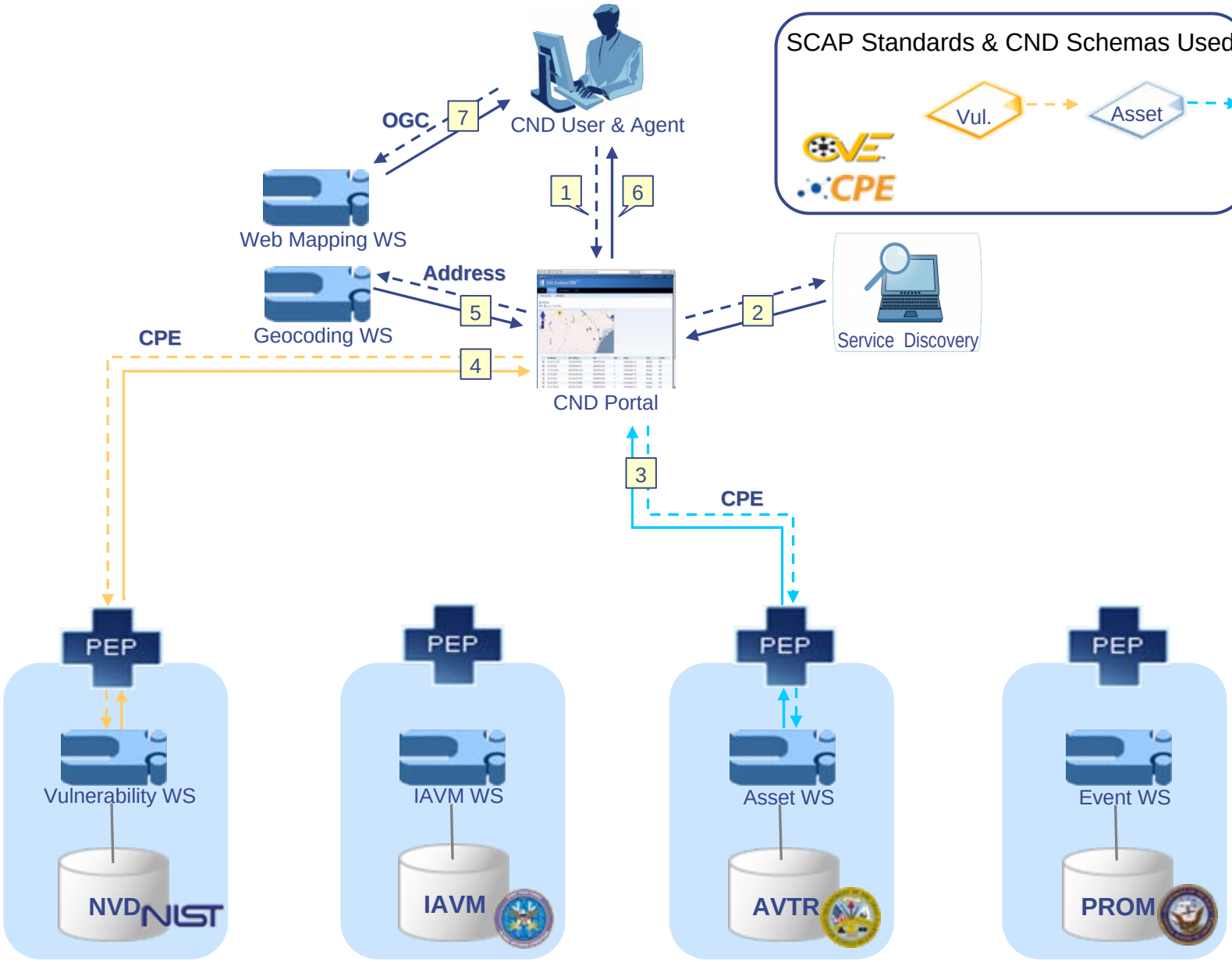
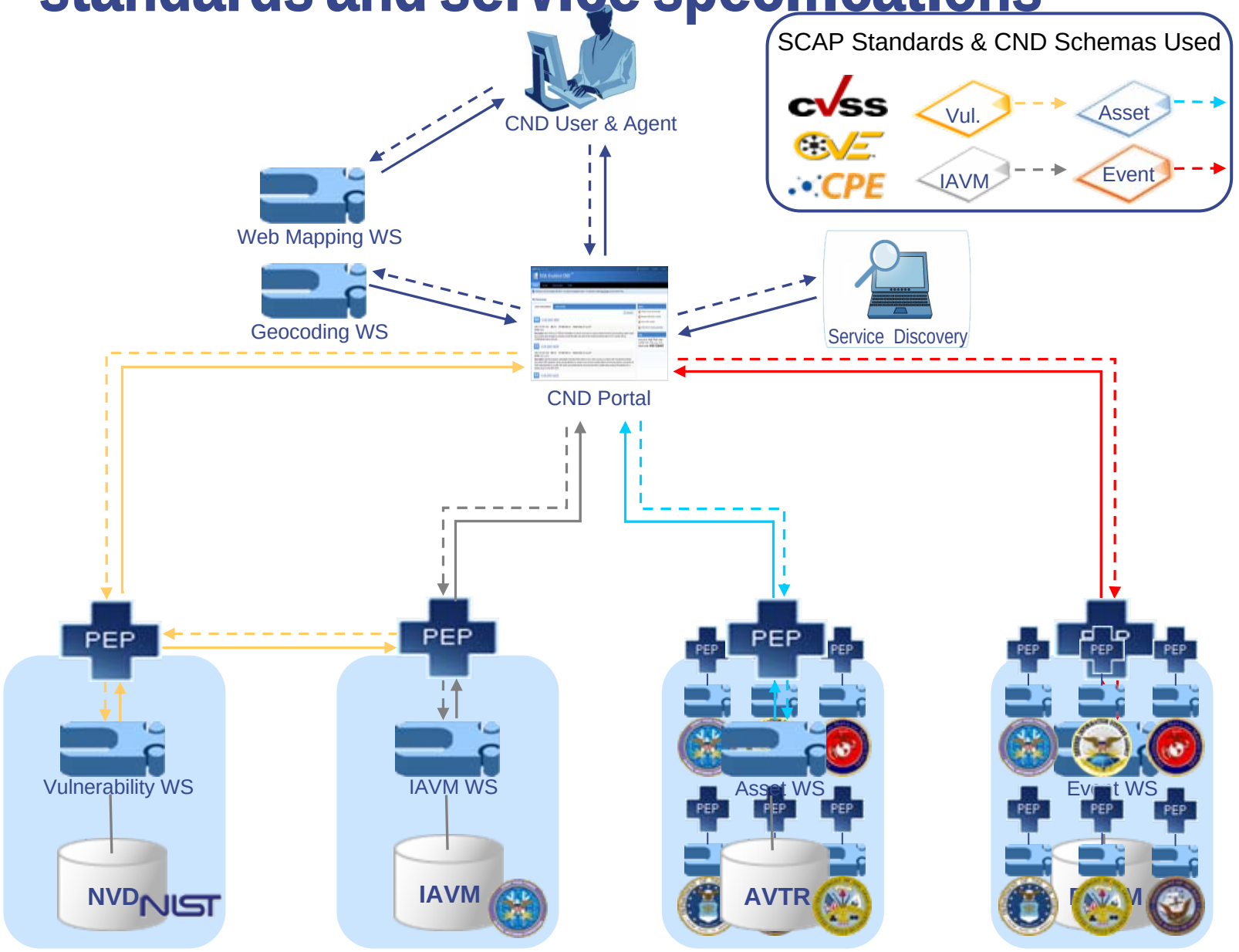
Get Asset Summary



Get My Assets



Adding data sources using common standards and service specifications



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Questions?

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