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| **Item #** | **Type** | **Page #** | **Line #** | **Section** | **Comment (with rationale)** | **Suggested Change** |
| 1 | G | A-2 | 1039 | Acronyms | NIEM a whole of government, standards based approach for exchanging data machine-to-machine in either XML or JSON-LD formats. NIEM has been adopted and implemented by numerous federal, state, local, tribal entities including the Department of Defense. The primary benefits realized by adopters has been: reduced costs, improve system interoperability and standardization of data sharing structures. Ref: NIEM.gov. | ADD: “NIEM National Information Exchange Model” |
| 2 | G | B-1 | 1120 | Table B-1: Big Data Related Standards | NIEM is used by federal, state, local, tribal and the Department of Defense entities to support a broad range of data sharing/exchanging requirements including but not limited to XML, JSON-LD and binary-XML formats. | ADD: “National Information Exchange Model; This specification provides a base semantic model and technical architecture that supports a broad range of data sharing requirements in either XML or JSON-LD formats.” |
| 3 | G | C-1 | 1140 | Table C-1 Standards and the NBDRA | NIEM supports: Data Providers, Data Consumers, as well as BD Application Providers, BD Framework Providers. | ADD: NIEM, ,I/U,I/U,I,U/I,,, |
| 4 | G | D-1 | 1156 | Application Domains Defined to Date | Whole-of-Government data interoperability refers to standards supporting sharing data across and among disparate government entities across all levels of government (federal, state, local and tribal). | ADD: Whole-of-Government to the list of Application Domains Defined to Date. |
| 5 | G | D-3 | 1210 | Table D-1: Categorized Standards | Supports rational stated above. | ADD: National Information Exchange Model.  Application Domain: Government Operations, Defense, Commercial  NBDRA Classes: BDAP (collection); BDFP (messaging) |
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