

Procurement Resource Abstract



Title	Guiding Principles on Cloud Computing in Law Enforcement
Sponsoring Organization(s)	International Association of Chiefs of Police (IACP)
Author	IACP
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Synopsis	<p>While cloud computing can offer substantial benefits to agencies, there are also considerable risks and challenges that agencies must face when evaluating the use of cloud computing. The IACP has developed a set of principles that should be included in contractual agreements. These principles are designed to allow agencies the opportunity to enjoy the flexibility the cloud computing affords while ensuring the security of sensitive law-enforcement data. A summary of the principles set forth in the document are:</p> <ol style="list-style-type: none">1. FBI CJIS Security Policy Compliance: Ensuring that the services provided by a cloud service provider comply with the requirements of the CJIS Security Policy2. Data Ownership: Agencies should ensure that they retain ownership of all data, including text, numerical data, database records, media files, demographic information, search history, geo-location information, meta data, or any other that is provided to the cloud service provider3. Impermissibility of data mining: Agencies should ensure that their cloud provider does not analyze data unless authorized by the agency4. Auditing: The agency should be able to audit the cloud server provider's performance and compliance either upon request or at scheduled intervals5. Portability and Interoperability: The provider should ensure that data is interoperable and can be shared with other systems and resources.6. Integrity: Cloud provider must maintain the physical or logical integrity of the data7. Survivability: Agencies must ensure continuity of operations and ongoing security regardless of service provider specific changes or challenges.8. Confidentiality: Cloud service providers must ensure that they take the physical, technical, administrative, and procedural steps necessary to protect the confidentiality of law enforcement data9. Availability, Reliability, and Performance: Data must be available to the agency when required within agreed upon parameters.10. Cost: Agencies should focus cloud procurement on the total cost of ownership <p>The document also includes a model contract document which incorporates sample language for each of the principles listed above.</p>
Topic Areas	Cloud Computing
Web Reference	http://www.theiacp.org/portals/0/pdfs/GuidingPrinciplesonCloudComputinginLawEnforcement.pdf