

Questions for the Key Management Breakout Sessions for Developing a Profile for Federal Government Applications

1. What profiles are needed?
 - What Industries?
 - What Implementers/Service Providers?
 - What User Groups?
2. What should be the scope of a profile?
 - Security
 - Interoperability
 - ??
3. What CKMS exist or are being designed that the NIST CKMS team could review while creating a CKMS Profile for Secure Federal Applications?
4. What on-going research projects in CKMS design and implementation could the NIST CKMS Profile team review while creating the Profile?
5. Should the CKMS Federal Profile be a stand-alone document or be a refinement and augmentation of the CKMS Framework?
6. How detailed should the CKMS Federal Profile be regarding security levels, labels, key storage facilities, system management, system operation, user-system interfaces, secure application to user interfaces, secure user to user interfaces, etc.?
7. How much emphasis should be placed on conformance and compliance testing of CKMS products with Profile requirements? Who should be responsible for assuring conformance - the vendor or the purchaser? What role should NIST play in testing implementations against the profile?
8. How should compatibility and interoperability goals be addressed in the Profile? How should they be tested in implementations, demonstrations, and operation? Should standard interfaces, protocols, services, security features, and operational characteristics be defined and required for interoperability assurance?
9. What requirements should be contained in the Framework and Profile that address user satisfaction with a CKMS? How can “user friendliness” be tested in a CKMS?
10. Other questions?