Information Security Best Practices

California Department of Technology

- Must follow California Information Security SAM Chapter 5300
  http://sam.dgs.ca.gov/TOC/5300.aspx
- Information Security Integration 5315
  - Clear communications of risks and consequences in project charter
    http://www.documents.dgs.ca.gov/sam/SamPrint/new/m426june14/chap_5300_sam/5315.pdf
- System Development Lifecycle 5315.2
  - Communicate every detail and step of planned conversion/migration process
    http://www.documents.dgs.ca.gov/sam/SamPrint/new/m426june14/chap_5300_sam/5315.2.pdf

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Information Security Best Practices

- Information System Backups 5325.6
  - System backups frequently to allow project team to revert back at any point in SDLC
    http://www.documents.dgs.ca.gov/sam/SamPrint/new/m426june14/chap_5300_sam/5325.6.pdf
- Media Protection 5365
  - Do not extract data to unsecure media to transport during conversion/migration
    http://www.documents.dgs.ca.gov/sam/SamPrint/new/m426june14/chap_5300_sam/5365.pdf

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Information Security Best Practices

- Privacy 5310
  - De-identify personally identifiable or confidential data to create a test sampling http://www.documents.dgs.ca.gov/sam/SamPrint/new/m426june14/chap_5300_sam/5310.pdf
- System developer security testing 5315.4
  - Perform conversion/migrations with a test sampling of data before applying to the entire system http://www.documents.dgs.ca.gov/sam/SamPrint/new/m426june14/chap_5300_sam/5315.4.pdf

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Information Security Best Practices

- Configuration Management 5315.5
  - Documented end-to-end test of entire conversion/migration process
    http://www.documents.dgs.ca.gov/sam/SamPrint/new/m426june14/chap_5300_sam/5315.5.pdf
- Information Security Compliance 5330
  - Validate and reconcile that data is accurate and complete prior to production (parallel testing)
    http://www.documents.dgs.ca.gov/sam/SamPrint/new/m426june14/chap_5300_sam/5330.pdf

Information Security Office

California Department of Technology
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