
The requirements below help to ensure that NSCS data are appropriately stored or shared using Software as a Service (SaaS), Infrastructure as a Service (IaaS), or Platform as a Service (PaaS).

- Where NSCS authentication is impractical for web-based SaaS cloud services due to size or nature of service, employees must use their NSCS supported e-mail to register the account for work related cloud services and manage passwords in a NSCS provided password vault or, if none is provided, in such a way that passwords are easily recoverable by the NSCS in the event of separation or injury.

- To mitigate the risk of a data breach occurring as a result of compromised credentials (such as through a successful phishing attack), multi-factor authentication is required when accessing SaaS solutions involving High Risk data from outside of NSCS networks.

- The individual(s) responsible for managing user access levels and roles must be identified and under the direct or indirect supervision of the CISO.

- NSCS information assets stored in the cloud shall be protected with no less control than that used for on premise systems.

- Protected medium and high-risk data (including credentials) stored in the cloud (including test and development environments, backups and data warehouses) must be encrypted both at rest and in transit.

- Encryption keys must be held by NSCS unless the vendor has appropriate key management in place.

- Each College shall have a procedure for vetting cloud services to ensure data security and disaster recovery requirements are met prior to contracting.

Revision History

April/14/2019: Initial submission by PCSS
May/8/2019: Initial review by SOISO/CISOs
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