**TS – C (1 & 2) Integrity**

***Purpose***

To implement policies and procedures to protect electronic protected health information from improper alteration or destruction. 164.312(c)(1)

**Guidance**

* Leverage application-specific mechanisms or functionality when available to corroborate that ePHI has not been altered or destroyed in an unauthorized manner.
* Regularly review access logs for unauthorized direct access or administrator/root access to table data containing ePHI.
* In addition, the following practices are in place as a means of protecting ePHI from being altered or destroyed in an unauthorized manner:
	+ Ensure appropriate physical security is in place for devices that contain or access ePHI (see [*Physical Security Standards*](https://its.ucsc.edu/policies/hipaa-practices.html#phys)).
	+ Ensure HIPAA systems meet UofL’s minimum standard. Please review the [Workstation and Computing Device Requirement Policy](https://sharepoint.louisville.edu/sites/policies/library/SitePages/Information%20Technology/Workstation%20and%20Computing%20Devices.aspx).
	+ Protect all devices against malicious software (see [*§164.308(a)(5)(ii)(B) - Protection from malicious software*](https://its.ucsc.edu/policies/hipaa-practices.html#308a5iib) for details).
	+ Protect sensitive data with appropriate strategies, such as secure file transfer ([*§164.312(e)(1) - Transmission security*](https://its.ucsc.edu/policies/hipaa-practices.html#312e1)) and use of web browser security standards ([*§164.308(a)(5)(ii)(B)) - Protection from malicious software*](https://its.ucsc.edu/policies/hipaa-practices.html#308a5iib)).
	+ Implement processes to notify users and take other appropriate remedial action in the event of propagation of malicious software (see [*§164.308(a)(5)(ii)(A) - Security reminders*](https://its.ucsc.edu/policies/hipaa-practices.html#308a5i)).

**Mechanism to Authenticate Electronic Protected Health Information**

Implementation: Include electronic mechanisms to corroborate that electronic protected health information has not been altered or destroyed in an unauthorized manner. 164.312(c)(2)