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## POLICY STATEMENT 128 INFORMATION TECHNOLOGY IDENTITY AND ACCESS MANAGEMENT

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### Policy Digest

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Monitoring Unit: Office of Information Technology  
Initially Issued: April 20, 2023  
Last Revised: April 20, 2023

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## I. PURPOSE

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As an institution of higher education, the Louisiana State University at Eunice Campus (“University” or “LSU Eunice”) is charged with maintaining systems and data for administrative, academic, and research purposes. These assets are critical to the mission of the University, and risks assessments performed around these systems and data sets must be managed with a formalized Identity and Access Management Policy.

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The purpose of this policy is to define the required processes involved in the management of identities and their associated access to information assets.

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## II. DEFINITIONS

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**Account.** Account(s) associated with an Identity utilized to access Information Technology (IT) Assets. An account typically comprises of a username and password.

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**Asset.** A resource, process, product, information infrastructure, etc. whose loss or compromise could intangibly affect its integrity, availability, or confidentiality, or it could have a tangible dollar value. The loss or compromise of an asset could also affect an entity’s ability to continue business. Examples of assets including, but are not limited to, equipment, software, algorithms, and data.

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**Data.** Any information residing on the University IT Infrastructure or held on any other IT Infrastructure on behalf of the University. This data includes files, documents, messages in any format, including e-mail messages and posts made on any Social Media site maintained by/for the University or its units. All data created and/or maintained by a User is also subject to this Policy, even if the data is created and/or stored on the User’s own personal computer, smartphone, or other personal device.

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**Identity.** An attribute or set of attributes that uniquely describe a subject within a given context.

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**IT Asset.** IT Asset is a subset of Asset and specifically refers to hardware (laptops, desktops, servers/virtual servers, external storage devices, mobile devices, etc.) utilized to store, process, access, and/or handle Data.

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**Principle of Least Privilege.** The principle requires that a user/system is only granted the least level of access for the least amount of time necessary to perform their job and/or duties.

41 **Single Sign On (SSO).** An authentication and session management solution allowing a user to  
42 leverage a single account and authentication process to access multiple applications.

### 43 **III. POLICY STATEMENT**

#### 44 A. Identity Management

- 45 1. LSU Eunice shall define minimum attributes that constitutes an identity record.
- 46 2. LSU Eunice shall define processes and procedures to maintain an identity lifecycle.
- 47 3. LSU Eunice shall establish processes and procedures that direct the assignment,  
48 storage, and maintenance of identities.

#### 49 B. Account Management

- 50 1. LSU Eunice shall implement categories of account types that may be available at the  
51 University
- 52 2. LSU Eunice shall define processes and procedures for account lifecycle  
53 management (e.g., creation, suspension, retention schedule, deletion, etc.).

#### 54 C. Authentication Management

- 55 1. LSU Eunice shall implement enterprise authentication mechanisms to be used for  
56 access to information resources.
- 57 2. LSU Eunice shall implement password requirements for all accounts.
- 58 3. LSU Eunice shall implement and make available security controls to enhance  
59 authentication security where applicable.
- 60 4. LSU Eunice shall leverage enterprise Single Sign On (SSO) technologies to  
61 standardize authentication experience.

#### 62 D. Authorization Management

- 63 1. LSU Eunice shall document and define all enterprise authorization mechanisms used  
64 to access IT assets.
- 65 2. LSU Eunice shall implement the principle of least privilege where applicable.
- 66 3. LSU Eunice shall implement processes and procedures for access and authorization  
67 for privileged accounts.
- 68 4. LSU Eunice shall implement processes and procedures for audits related to access  
69 reviews.

### 70 **IV. STANDARDS**

- 71 A. The Identity Management standards are outlined in Standard LSU Eunice-ST-128-1.

72 B. The Account Management standards are outlined in Standard LSU Eunice-ST-128-2.

73 C. The Authentication Management standards are outlined in Standard LSU Eunice-ST-  
74 128-3.

75 D. The Authorization Management standards are outlined in Standard LSU Eunice-ST-128-  
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77 **V. REVISION HISTORY**

Version	Date	Change Description	Edited By
0.1	9/15/2022	Initial Draft	OIT

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