West Texas A&M University

The Division of Information Technology
University Information Security Standards

NIST CONTROL FAMILY
IDENTIFICATION AND AUTHENTICATION CONTROLS

CONTROL NUMBER	CONTROL NAME	PRIORITY	REVIEW DATE
SC-20	Secure Name Address Resolution Service (Authoritative Source)	P1	07/23/2017

I. STATEMENT

The University information system(s) provides additional data origin and integrity artifacts along with the authoritative name resolution data the system returns in response to external name/address resolution queries; and provides the means to indicate the security status of child zones and (if the child supports secure resolution services) to enable verification of a chain of trust among parent and child domains, when operating as part of a distributed, hierarchical namespace.

II. APPLICABILITY

This Control applies to all West Texas A&M network information resources. The intended audience for this Control includes all information resource owners, custodians, and users of information resources.

III. IMPLEMENTATION

The information system that provides name/address resolution service provides additional data origin and integrity artifacts along with the authoritative data it returns in response to resolution queries. This is accomplished primarily through OpenDNS services.