Policy Title: Secure Name / Address Resolution Service (Authoritative Source)

Policy Type: Administrative

Policy Number: ADMINISTRATIVE POLICY # 32 – 8 – 1620 (2014) Secure Name / Address Resolution Service (Authoritative Source)

Approval Date: 05/28/2014 Revised

Responsible Office: Office of Information Technology

Responsible Executive: CIO

Applies to: Office of Information Technology

POLICY STATEMENT

Secure name or an address resolution service can enable remote clients to obtain origin authentication and integrity verification assurances for the host/service name to network address resolution information obtained through the service.

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CONTACT(S)

Office of Information Technology – (757)823-2869
STAKEHOLDER(S)

University Faculty & Staff
Office of Information Technology

PURPOSE

This control is intended to establish the policy for secure name and address resolution services with regard to authoritative source on the University’s information system.

REQUIREMENTS

The information system provides additional data origin and integrity artifacts along with the authoritative data the system returns in response to name/address resolution queries.

Supplemental Guidance: A domain name system (DNS) server is an example of an information system that provides name/address resolution service. Digital signatures and cryptographic keys are examples of additional artifacts. DNS resource records are examples of authoritative data.

VIOLATIONS

Violations of this policy will be addressed in accordance relevant University and Commonwealth of Virginia policies, including University Policy 32-01 and Department of Human Resources Management Policy 1.75. The appropriate level of disciplinary action will be determined on an individual case basis by the appropriate executive or designee, with sanctions up to or including termination or expulsion depending upon the severity of the offense.

INTERPRETATION

The Information Security Officer is responsible for official interpretation of this policy. Questions regarding the application of this policy should be directed to the Office of Information Technology. The Information Security Officer reserves the right to revise or eliminate this policy.

PUBLICATION

This policy shall be widely published and distributed to the University community. To ensure timely publication and distribution thereof, the Responsible Office will make every effort to:

1. Communicate the policy in writing, electronic or otherwise, to the University community within 14 days of approval;
2. Submit the policy for inclusion in the online Policy Library within 14 days of approval;
3. Post the policy on the appropriate SharePoint Site and/or Website; and
4. Educate and train all stakeholders and appropriate audiences on the policy’s content, as necessary. Failure to meet the publication requirements does not invalidate this policy.

REVIEW SCHEDULE

- Next Scheduled Review: 05/28/2015
- Approval by, date: Office of Information Technology and 05/28/2014
- Revision History:
  - Supersedes (previous policy): OIT 62.8.1620 Secure Name/Address Resolution Service (Authoritative Source)

RELATED DOCUMENTS

Virginia Commonwealth State policy SEC501-08 Information Security Standard