Policy Title: Information in Shared Resources

Policy Type: Administrative

Policy Number: ADMINISTRATIVE POLICY # 32 – 8 – 1604 (2014) Information in Shared Resources

Approval Date: 05/28/2014 Revised

Responsible Office: Office of Information Technology

Responsible Executive: CIO

Applies to: Office of Information Technology

POLICY STATEMENT

The information in shared resources policy addresses the controls put in place to limit or eliminate the possibility of information produced by previous users/roles being improperly accessed by, or available to, current users/roles that obtain access to a shared system resource after that resource has been released back to the University’s information system.

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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 information in shared resources on the University’s information system.

REQUIREMENTS

The information system prevents unauthorized and unintended information transfer via shared system resources.

Supplemental Guidance: The purpose of this control is to prevent information, including encrypted representations of information, produced by the actions of a prior user/role (or the actions of a process acting on behalf of a prior user/role) from being available to any current user/role (or current process) that obtains access to a shared system resource (e.g., registers, main memory, secondary storage) after that resource has been released back to the information system. Control of information in shared resources is also referred to as object reuse. This control does not address: (i) information remanence which refers to residual representation of data that has been in some way nominally erased or removed; (ii) covert channels where shared resources are manipulated to achieve a violation of information flow restrictions; or (iii) components in the information system for which there is only a single user/role.

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 62.8.1604 Information in Shared Resources

RELATED DOCUMENTS

Virginia Commonwealth State policy SEC501-08 Information Security Standard