

UNIVERSITY PROCEDURES
TEXAS A&M UNIVERSITY-CORPUS CHRISTI

21.01.06.C2.14 Network Configuration Security

Approved June 11, 2007

Supplements University Rule 21.01.06.C2

1. GENERAL

The information resources network infrastructure is provided by Texas A&M University-Corpus Christi for tenants of university facilities. It is important that the network infrastructure, which includes media, active electronic equipment (i.e., multiplexers, hubs, routers, etc.), and supporting software be able to meet current performance requirements while retaining the flexibility to allow emerging developments in high speed networking technology and enhanced user services. The purpose of the university network configuration procedures is to establish the process for the change to the network infrastructure.

The university owns and is responsible for its network infrastructure and will continue to manage further developments and enhancements to this infrastructure.

2. APPLICABILITY

This university procedure applies to all university network infrastructure information resources.

The purpose of the implementation of this university procedure is to provide a set of measures that will mitigate information security risks associated with network configuration. There may also be other or additional measures that will provide appropriate mitigation of the risks. The assessment of potential risks and the application of appropriate mitigation measures are to be determined by the information resource owner or their designee. In accordance with Texas Administrative Code 202 - Information Security Standards, each department and/or resource owner may elect not to implement some or all of the risk mitigation measures provided in this university procedure based on information security risk management decisions and business functions. Such risk management decisions must be documented in the annual security assessment report (See University Rule 21.01.06.C2 Security of Electronic Information Resources).

System, network, and telecommunication administrators are the primary audience of this procedure.

3. DEFINITIONS

Please refer to University Procedure 21.01.06.C2.01 Definitions.

4. PROCEDURES

UNIVERSITY PROCEDURES

TEXAS A&M UNIVERSITY-CORPUS CHRISTI

- 4.1. Media and Computer Services owns and is responsible for the university network and telecommunications infrastructure and shall manage developments and enhancements to this infrastructure. All cabling associated with network and telecommunications shall be installed and maintained by Media and Computer Services or a Media and Computer Services approved contractor.
- 4.2. Media and Computer Services shall maintain the network address and name space for university and provide a central service for allocation of these resources.
- 4.3. All hardware and software configured to extend or re-transmit the university network and telecommunications infrastructure, including all wireless technologies, must be approved by the Information Resources Manager prior to acquisition and deployment. All systems, devices, and software capable of extending this infrastructure must adhere to configuration standards developed and maintained by Media and Computer Services.
- 4.4. Changes to the university network and telecommunications infrastructure must follow the procedures outlined by University Procedure 21.01.06.C2.06 Change Management, 21.01.06.C2.23 System Development and Acquisition, and any departmental procedures developed and published by Media and Computer Services.

5. CONSEQUENCES FOR VIOLATIONS

All university employees to include staff, tenured and non-tenured faculty, graduate assistants, student workers, interns, guests, volunteers, and probationary, temporary, or wage employees as well as contractors, consultants, and vendors required to adhere to this university procedure may be subject to criminal, civil, or disciplinary actions consistent with federal and state laws, system policies, and university rules.

Individuals found in violation of this university procedure are subject to loss of access privileges to university information resources (e.g. servers, workstations, email, etc). In addition, contracts associated with contractors, consultants, or vendors are subject to review and possible termination. Any device, system, or software found in violation of this procedure may be confiscated and temporarily stored by the Information Resources Manager or a representative of the office.

Additional guidance may be found, but is not limited to, the following policies and rules.

- Texas A&M System Policy
 - 01.03 Appointing Power and Terms and Conditions of Employment
 - 07.01 Ethics Policy, TAMUS Employees
 - 32.02 Discipline and Dismissal of Employees
 - 32.02.02 Discipline and Dismissal Procedure for Nonfaculty Employees
 - 33 Employment, Standards of Conduct

UNIVERSITY PROCEDURES
TEXAS A&M UNIVERSITY-CORPUS CHRISTI

- Texas A&M University-Corpus Christi Rule
 - 12.01.99.C3 Faculty Dismissals, Administrative Leave, Non-Reappointments and Terminal Appointments
 - 13.02.99.C1 Student Disciplinary Proceedings

Contact for Interpretation: Assistant Vice President for Technology

Office of Responsibility: Executive Vice President, Finance & Administration