

## Software: Basic Technical Requirements

1. Software Assessment: The purchasing department must follow Software Assessment process, including completion of the Project Proposal Form, Vendor Technical Survey and Business Case, where appropriate. (Project Management Office)
2. Data:
  - a. The buying department must classify data to determine appropriate security measures. See Appendix 1 in the UTPA Information Resources Security Manual. (Security Office)
  - b. The buying department must determine the data availability requirements. A business impact analysis will help determine what sort of availability is required. See Appendix 1 in the [UTPA Information Resources Security Manual](#). (Security Office)
  - c. Electronic backup recovery plans are required for disaster recovery. See Section 5 in the [UTPA Information Resources Security Manual](#). (Security Office)
  - d. The buying department must gain the approval of the resource owner for data extracts or integrations. (Access Admin)
3. Authentication:
  - a. Application must support authentication with CAS, LDAP or Shibboleth. (Data Center)
  - b. Pass-through authentication from a campus portal is preferred. (Internet Services)
4. Systems:
  - a. Server virtualization must be supported using VMWare or HyperV. (Data Center)
  - b. Application must run on Linux Redhat 5 or greater or Windows Server 2008 or greater. (Data Center)
  - c. Application must support Oracle 11g Release 2 or Microsoft SQL Server 2008 database. (Data Center)
  - d. Application preferred to run on Microsoft IIS7.x (or higher) or Apache 2.x (or higher) web servers. (Internet Services)

- e. Application must run on Tomcat 6.x (or higher), IBM Websphere java servers or Oracle Fusion 11g Release 1 (or higher). (Internet Services)
5. Accessibility: Product must comply with Section 508 federal guidelines for accessibility. See [UTS 150](#) (Internet Services)
  - Contracts over \$25,000
  - Contracts less than \$25,000 that affect a large audience, for example all students
6. Functionality: Application must have full functionality on all major browsers including, but not limited to, Firefox, Internet Explorer and Safari.
7. Environments: Product licensing must permit installation of a test, development and production environment. See Section 26 in the [UTPA Information Resources Security Manual](#). (Security Office)

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