

Server Operating Systems

OS	When is it chosen	Issues
*Windows Server 2016	Default operating system for Microsoft server environments.	Licensing costs. Per-incident support costs.
*CentOS	Default operating system for Linux server environments.	Not all applications may be supported on this platform. No incident support available
Red Hat Enterprise Linux (RHEL)	Some applications require RHEL to comply with vendor support requirements, such as Oracle database servers	Licensing costs. Per-incident support costs.
*Preferred		

Authentication/Authorization

Auth System	When is it chosen	Issues
Shibboleth	Shibboleth is a federated authentication protocol that works very well between institutions. In addition to straight authentications, roles and group membership can be passed between institutions	Not all applications support this
CAS	Web-based single sign-on that works well within an institution. Roles and groups need to be handled separately	Authentication only
LDAP	LDAP provides authentication and authorization. This is the default directory service for HSU hosted services	Not all applications support this
Active Directory	AD provides authentication and authorization. This is used for desktop and lab logins and some applications that require it	Some applications require Windows or Internet Explorer