Knowledge Base Article

SUBJECT: Install ArcIMS 10 / Windows 2003 64-bit
TICKET: 3973
DATE: 8/31/2010
PRODUCT: ArcIMS
VERSION: 10.0
OPERATING SYSTEM: Windows 2000

Question:

OS: Windows Server 2003 I need to install ArcIMS 10 on a new server running a 64-bit processor. What are the correct steps for successful installation? I understand I'll need a "web server and servlet engine" - what is best to use: Apache 2.2x with Tomcat 6.0x or IIS with Tomcat 6.0x? What is the correct version to install?

Answer:

ArcIMS 10.0 supports both application and web server setups for Windows 2003 server (64 bit); the particular setup you choose is a matter of personal preference and familiarity with each technology. Windows 2003 Server natively runs IIS but can also run Apache as a web server. Tomcat is a servlet container (developed by Apache Software Foundation) that hosts web applications written in Java - it can run under both IIS and Apache.

The choice between the two web servers may come down to the desired development environment. IIS is built to handle Microsoft's .NET framework while Apache is better known for supporting languages such as PHP, Perl, and Python. From ArcIMS's standpoint, both serve the same purpose in providing the components necessary to run a map server.

Before installing Tomcat on either web server, be aware that a 64 bit machine may require additional steps and downloads for a successful install.

ArcIMS 10 System Requirements:

http://resources.arcgis.com/content/arcims/10.0/system-requirements#SupportedAppServers

Verify System Requirements:

http://help.arcgis.com/en/arcims/10.0/install_guide/arcims_windows_install_guide/index.html#/Verify_system_requirements/008q00000009000000/

ArcIMS 10.0 install guides:

http://help.arcgis.com/en/arcims/10.0/install_guide/arcims_windows_install_guide/index.html#/Installing_ArcIMS_on_Microsoft_Windows/008q00000003000000/

http://resources.arcgis.com/content/search-result?searchKeyWord=31218&searchButton=search&clearCacheTime=1282668984&searchRC=All&searchCollectionType=0