

NCI CBIIT Infrastructure Technology Catalog

Below you will find a list of different technologies that CBIIT currently supports as part of Hosting Services.

- **SUPPORTED PLATFORM** – Many technologies are supported by multiple operating systems. This column identifies which implementation of the technology (which operating system) CBIIT’s Hosting Services will support.
- **DEPRECATED** – Versions of technologies that are listing in the “DEPRECATED” column are not supported for any hosting requests for new applications. These versions will only be supported for Operations and Maintenance (O&M) activities for existing applications up through the sunset date. Business owners are required to make the necessary code changes to their applications or retire them by the sunset date. Code changes should support the versions listed under the “CURRENT” column or possibly the “FUTURE” column if a target date for support is identified.
- **CURRENT** – This version of the technology is currently supported for any new applications or existing applications in an Operations and Maintenance (O&M) state.
- **FUTURE** – This is a version of the technology that is on CBIIT’s roadmap. It is expected that any version of the technology listed here will be available for use within 12 months of the catalog posting date. Dates will be added to technologies that will be supported within three months of the catalog posting date.

TECHNOLOGY	CATEGORY	SUPPORTED PLATFORM	DEPRECATED <small>(sunset date)</small>	CURRENT	FUTURE <small>(date available)</small>	REMARKS
CentOS Linux	Operating System	N/A	5.x (12/31/15)	6.x		Preferred Linux OS
Red Hat Linux	Operating System	N/A	4.x (12/31/14) 5.x (12/31/15)	6.x		Financial impact; needs discussion
Windows Server	Operating System	N/A	2003 (12/31/14) 2008 R1 (12/31/15)	2008 R2	2012	
JBoss/Java	Container	Linux	4.0.5 w/Java 1.5 (12/31/14)	5.1.x w/Java 1.6	EAP 6.x w/Java 1.7 (04/15/14)	JBoss has dependencies on Java
Apache Tomcat/Java	Container	Linux	5.5.x w/Java 1.6 (12/31/14) 6.x w/Java 1.6 (12/31/15)	7.x w/Java 1.7		
Apache Web Server	Web Server	Linux	2.0.x (12/31/14)	2.2.x 2.4.x		2.2.x will only be used when NIH LDAP (Siteminder) is required
Microsoft IIS	Web Server	Windows	6 (12/31/14) 7 (12/31/15)	7.5	8.5	
Oracle Application Server (Fusion Middleware)	Web Server	Linux		10.1.2.3	11.x (Weblogic)	
Drupal	Content Management System (CMS)	Linux	6.x (12/31/15)	7.x	8.x	
Zope/Plone	Content Management System (CMS)	Linux	2.8.7/2.1.3 (12/31/15)	2.9.11/2.5	2.12.x/4.x	
Oracle	Database	Linux		10g	11g	Currently using 11g to support TCGA
PostgreSQL	Database	Linux	8.4.x (07/31/15)	9.x		
MySQL	Database	Linux	5.1.x (07/31/15)	5.5.x	5.6.x	
Microsoft SQL	Database	Windows	2000 (11/01/13) 2005 (02/01/15)	2008 R2	2012	
FileMaker Pro Server	Database	Windows	10 (12/31/14)	11	13	
NoSQL	Database	Linux		1.x		
Ant	Build & Deploy	Linux, Windows		3.x		
Ant	Build & Deploy	Linux, Windows	1.7.x (12/31/15)	1.8.x	1.9.x	
Maven (Build Tool)	Build & Deploy	Linux, Windows		2.2.x	3.x	
Java	Developer Language	Linux	1.6 (12/31/14; will require paid support until then)	1.7	1.8	
PHP	Developer Language	Linux		5.3.x	5.5.x	
Python	Developer Language	Linux	2.3.x	2.4.x 2.7.x	3.x	
Perl	Developer Language	Linux		5.8.x	5.16.x	
ASP.net	Developer Language	Windows	1.1 (12/13/15)	2.0, 3.5 (2008 R2) [4.0, 4.5]?		
R	Developer Language	Linux		2.x	3.x (05/01/14)	
ColdFusion	Developer Language	Linux	8 (12/31/15)	9.01	10	
Git (GitHub)	Version Control	Linux, Windows		https://github.com		Currently OSDI Projects only
Subversion (NCISVN)	Version Control	Linux, Windows		1.6.x	1.7.x	
Crystal Reports	Reporting	Windows		2011	2013	
Business Objects	Reporting	Windows		4	4.1	
Google Search	Search	NA (appliance)				
AWSTATS	Web Analytics	Linux	6.5 (12/31/14)	7		
Novell eDirectory	LDAP	Netware		6.5		

Next update is planned for June 1, 2014.