NBIA 6.5 Properties

Information on this page is based on the `install.properties` file. All releases are on the Installation and Downloads page.

Application Settings

Property Name	Description	Example
application.base.path.linux	Location where user is installing software on Linux	${user.home}/apps/nbia
application.base.path.windows	Location where user is installing software on Windows	c:/apps/nbia
authentication.type	CSM authentication type; the value should be "ldap" or "ldap-auth"	ldap

Database Settings

Property Name	Description	Example
database.type	This value specifies whether a MySQL or an Oracle database is being used. Currently on MySQL is supported.	mysql
database.re-create **database.drop-schema**	One of these properties must be set to true. If re-create is true then the install:database target will wipe out the database instance completely and start from scratch. If drop-schema is true, then all the schema and data will be wiped out but the database itself will not be removed.	true or false
database.system.user	The username for an administrator of this database. This value should correspond to a MySQL username that has full system privileges. This must correspond to the administrator account defined when MySQL was configured. For Oracle, this value will be ignored, but the value must be different than the value of database.user. Depending on how the install is done, or the value of database.re-create this may not be necessary. If re-create=true, then this is necessary, otherwise it isn't.	root
database.system.password	The password for an administrator of this database that correlates with the value in **database.system.user**. For Oracle, this value will be ignored. Depending on how the install is done, or the value of database.re-create this may not be necessary. If re-create=true, then this is necessary, otherwise it isn't.	*Someth!ngSecure*

database.server	This value must correspond to the domain name of machine that hosts the Oracle /MySQL database server. Talk to your database administrator to learn the server name and port.	remotehost.org
database.port	This value must correspond to the port for the database.server. 3306 is the default port, but check with your database administrator to be certain.	3306
database.name	Choose a name for the NCIA MySQL database. This must be different than the UPT database name	nciadb
database.user	Give the username to access database.name.	nciaop
database. password	Use a password to access database.name for the username identified in database.user	*Someth!ngSecure*
database.url	Url for connection to a database. This is the standard implementation style. This if fixed. No Change Required	jdbc:mysql://${database.server}:${database. port}/${database.name}
database.system. url	Url for connection to a database. This is the standard implementation style. This if fixed. No Change Required	jdbc:mysql://${database.server}:${database. port}/
database.schema	Database Schema for Oracle	nciadev

TCIA LDAP Settings

These can be ignored for the community version.

LDAP Settings

Property Name	Description	Example
ldap.url	Universal Resource Locator address for LightWeight Directory Access Protocol server.	ldaps://university.edu:636
ldap.basedn	LDAP server holding referrals to other server holding a given distinguished name (DN).	u=nci,o=nih
ldap.user	Used only under ldap-auth, otherwise comment out	cn=NCILDAP,ou=nci,o=nih
ldap.pass	Password for the authenticated user under ldap-auth, otherwise comment out	somepass

CTP Settings

Property Name	Description	Example
ctp.server.port	The port that the CTP administration console will run on.	23080
ctp.server. http_import_service.port	The port that CTP will accept submissions on. This port should be configured as the port to export to in the CTP client configuration.	23104
ctp.server.admin.password	The password for the CTP server administrator.	*S0meth! ngSecurE*
ctp.server.king.password	The password for the CTP server super administrator who has privilege to shutdown the server	*S0meth! ngSecurE*
ctp.server.storage_service. root	The directory where the CTP will store submitted files.	storage/root
ctp.server.storage_service. index	The directory where the CTP will store the index for submitted files. This directory must be the direct parent of ctp.storage_service.root.	storage
ctp.server. require_authentication	Whether or not the authentication is required for data submission (HttpImportService)	yes
ctp.server.verifier.port	The port that CTP will listen for verification requests on. Verification requests are queries to the (NBIA) database adapter to confirm that a given image was submitted successfully.	23304
ctp.client.port	The port that the CTP administration console will run on (for the client).	24080

ctp.client. http_import_service.port	The port that CTP will accept submissions on. This port should be configured as the port to send to in the FileSender.	24104
ctp.client. dicom_import_service.port	The port that CTP will accept submissions on. This port should be configured as the port to send to in the FileSender.	24304
ctp.client.export_service. port	The port that CTP will export submissions to (to the server). This should match up with the import service port on the server side.	24204
ctp.client.admin.password	The password for the CTP client administrator.	S0meth! ngSecurE
ctp.client.king.password	The password for the CTP client super administrator who has privilege to shutdown the server	S0meth! ngSecurE
ctp.client.exportService. username	Specifies the user name at the submitting site to ensure that all transmitted data made it into the NBIA database	S0meth! ngSecurE
ctp.client.exportService. password	Specifies the password at the submitting site to ensure that all transmitted data made it into the NBIA database	S0meth! ngSecurE

NBIA Application Properties

Property Name	Description	Example
gov.nih.nci.ncia. imaging.server. url	Publicly visible URL for the Tomcat container hosting NBIA. This URL should contain the proxy name instead of the host name if there is a proxy. If this property is not configured properly, then thumbnails images may not appear in the web application search results.	http://locahost:45210
gov.nih.nci.ncia. mapped.image. path.head		\\\\\\\\\cbiofs502.nci.nih.gov\\\\nciaimages\\\\,\\\\\\\\cbiofs502.nci.nih. gov\\\\nciaproddataset\\\\dataset_p01\\\\,\\\\\\\\nfs-ncia-d.nci.nih. gov\\\\nciadevdataset\\\\dataset_d01\\\\
gov.nih.nci.ncia. image.path. pattern		NCICBIMAGE/documents/,data/dataset_p01/,data/dataset_d01/
gov.nih.nci.ncia. zip.location	Location to place zipped files created by the NBIA web application for download.	/data/ncia_data/ncia_ftp
gov.nih.nci.ncia. ftp.location	Location to place files for download through an external FTP server.	/data/ncia_data/ncia_ftp
gov.nih.nci.ncia. grid.local.node. name	If remote search is enabled, this is the name that will be used in the search form to search THIS node. There is a separate property that governs the name of this node but as viewed from other instances of NBIA. It is likely that these two properties should agree, but it isn't mandatory. See: grid.poc.tech.researchCenter.displayname	NCI-1
gov.nih.nci.ncia. ui.uid.display. length	Determines the max character length of data representation in the UI tier	100
gov.nih.nci.ncia. ftp.url	FTP server URL used for informing users about where to download the larger size files	localhost
gov.nih.nci.ncia. installationSite	This property determines whether the installation is at ncicb or somewhere else (other). This governs certain aspects of the UI such as where the link to reset a password will point to.	ncicb, other
gov.nih.nci.ncia. admin.email	The email address of the user administrator	ncicbmb@mail.nih.gov

gov.nih.nci.ncia. jboss.public.url	NBIA's URL for the portal	http://localhost:45210/ncia/
gov.nih.nci.ncia. download.server. url	This is the URL that the Download Manager will use to retrieve DICOM images from. This should typically be the same host and port of the Tomcat server. The webapp context and file path should always be the same unless deployment has been customized.	http://localhost:45210/nbia-download/servlet/DownloadServlet
enabled_guest_a ccount	Whether or not public search will be enabled for this instance.	yes or no
guest_username	If enabled_guest_account=yes then this is the name of the CSM user that will blessed as the user for all public searches. This user should likely only be provisioned to be associated with **PUBLIC** protection elements.	nbia_guest
enable_classic_d ownload	If this is set to no, then only the WebStart based Download Manager will be available to all userse. If this is set to yes, then the "classic" download feature will still be available that allows downloading zip files of DICOM images through HTTP and/or HTTP	yes or no
registration. email.subject	Subject for the Email sent to CBIIT	User registration to LDAP to access the National Biomedical Imaging Archive (NBIA)
show.collection. search.criteria	If User wants to see Collections such as MR, CT, US etc in the Simple Search Page. By default it's set to false.	true or false
discover.remote. nodes	What remote nodes the user want to see i.e Dev, Stage, Prod etc. Deprecated after NBIA 5.2 Version.	true or false
show.anatomical. search.criteria	Various body parts the User wants to Search for such as Abdomen, Brain, Chest etc.	true or false
local.grid.uri	For a given installation, this is the URL to the grid service FOR THAT INSTALLATION itself. If this is not set properly, and remote search is enabled, then the local node will appear twice in the list of searchable nodes. Once for the "local" search, and additionally for its grid interface (if it is registered with the index service).	http://imaging.company.com:45210/wsrf/services/cagrid/NBIAService
show.collection. search.criteria	If set to false, the collection criteria selection control will not appear in the classic search UI. This should only be set to false if a given instance of NBIA has, and only will ever have, only one collection/project to search through.	true or false
discover.remote. nodes	If set to false, the NBIA web application will **not** attempt to discover other instances of NBIA to search through the caGrid Index Service. In other words, no remote nodes will appear at the top of the classic search page if this is set to false.	true or false
gov.nih.nci.ncia. download.no. retry	Maximum Number of retry to download images for Download Manager	4

Log4J Settings

Property Name	Description	Example

log4j.maxFileSize		100MB
log4j.maxDays		7
log4j.level		WARN

Mail Settings

Property Name	Description	Example
mail.smtp. server	Location of mail server to send emails for application to forward emails to users, notify users of the location of the download files	mail.university. edu

Download Manager Digital Signature Settings

Property Name	Description	Example
jar-signing.keystore. location	The location of the keystore to find a key to sign the download manager jars with. If (file://\\If) generate-selfsigned is set to true, then this location will be where the installation process CREATES the keystore. Otherwise (file://\\Otherwise), the keystore should already exist at this location.	c:/keystores /nbia_keystore
jar-signing.keystore. password	The password for the keystore pointed to by keystore.location. If (file://\\If) generate-selfsigned is set to true, then this password will be set when the installation process CREATES the keystore. \ (file://\\Otherwise) Otherwise, the password should apply to the existing keystore.	something_secure
jar-signing.keystore. alias	The alias for the key to use when signing the download manager jars. If (file://\\If) generate-selfsigned is set to true, then this alias will be set when the installation process CREATES the key and keystore. Otherwise (file://\\Otherwise), the alias should exist in the existing keystore.	alias1
jar-signing. execution.time	Whether to sign the jars at build time or install time. If not at NCICB, this value should always be install.	build or install
jar-signing.generate-selfsigned	If set to true, the install process will generate a self-signed certificate to sign the jars with. If (file://\\If) false, there must be an existing certificate to use when signing.	true or false
gov.nih.nci.ncia. encrypt.key	Alphanumeric key for password encryption	ABCD12346598A YE2

Exclusions

Property Name	Description	Example
exclude.start. servers	If you want to exclude starting server after the completion of installation. Default is false.	true or false
exclude.ctp	If you want to exclude CTP. Default is set to false.	true or false
exclude.ctp-client	If ctp-client should be excluded or not. Default is set to false.	true or false
exclude. database	If you want to exclude database or not. Default is set to false. For the first time installation, please leave this property commented out so that database schema can be created.	true or false
exclude.ctp. client.backup	If CTP Client backup is excluded. Default is set to false.	true or false
exclude.ctp. server.backup	If CTP server backup should be excluded. Default is set to false.	true or false

exclude.nbia-api	Exclude NBIA API or not. Default is false.	true or false

UserGuide Settings

Property Name	Description	Example
gov.nih.nci.ncia.wiki.context.sensitive. help.url	wiki tiny URL for context sensitive help	https://wiki.nci.nih.gov/display/NBIA /NBIA+Help+Topics#NBIAHelpTopics

SOLR Settings

Property Name	Description	Example
gov.nih.nci.ncia.solr.home	Location to keep solr indexes	c:/apps/nbia/solr-home/
gov.nih.nci.ncia.solr.updateinterval	This will defines how often in minutes Solr will update indexes	60

Workflow Settings

Property Name	Description	Example
gov.nih.nci.ncia.workflow.updateinterval	This will defines how often in minutes Workflow will be updated	60

REST API Settings

Property Name	Description	Example
nbia.api.oauth2.client.id	Unique ID given by authorization server during registration to the client application	nbiaRestAPIClient
nbia.api.oauth2.client.secret	The password supplied to identify the client.	ItsBetweenUAndMe
nbia.api.oauth2.token.validity.in.seconds	The expiration time in seconds before which the transaction has to be performed.	7200

Tomcat Configuration Properties

Property Name	Description	example
gov.nih.nci. ncia. tomcat. home	Where tomcat is installed	/local/content/apache-tomcat-7.0.68
database. driver	The database driver. Please do not change the value of the property. If the database used is MySQL, just comment out the same property for Oracle and un-comment out the property for MySQL. Vise versa for Oracle database.	For MySQL database: com.mysql.jdbc.Driver For Oracle database: oracle.jdbc.driver.OracleDriver
database. driver.jar	The jar name of database driver. Please do not change the value of the property. If the database used is MySQL, just comment out the same property for Oracle and un-comment out the property for MySQL. Vise versa for Oracle database.	For MySQL database: ${mysql.driver.jar} For Oracle database: ${oracle.driver.jar}

database. driver.jar. src.url	The url for downloading database driver library. Please do not change the value of the property. If the database used is MySQL, just comment out the same property for Oracle and un-comment out the property for MySQL. Vise versa for Oracle database.	For MySQL database: ${mysql.driver.jar.src.url} For Oracle database: ${oracle.driver.jar.src.url}
csm.api.jar	The name of CSM API jar. Do not change the value of the property.	csmapi-5.2.jar
csm.api.jar. src.url	The source url for CSM API jar. Do not change the value of the property.	https://ncimvn.nci.nih.gov/nexus/service/local /repositories/thirdparty/content/gov/nih/nci /csm/csmapi/5.2/${csm.api.jar}
bouncy. castle.jar	The name of bouncy castle jar. Do not change the value of the property.	bcprov-jdk15on-1.51.jar
bouncy. castle.jar. src.url	The source url for bouncy.castle.jar. Do not change the value of the property.	https://ncimvn.nci.nih.gov/nexus/service/local /repositories/central/content/org/bouncycastle /bcprov-jdk15on/1.51/${bouncy.castle.jar}
mysql. driver.jar	The jar name of MySQL Driver. Do not change the value of the property.	mysql-connector-java-5.1.34.jar
mysql. driver.jar. src.url	The source url for MySQL driver. Do not change the value of the property.	https://ncimvn.nci.nih.gov/nexus/service/local /repositories/central/content/mysql/mysql-connector-java/5.1.34/${mysql.driver.jar}
oracle. driver.jar	The jar name of Orcle driver. Do not change the value of the property.	ojdbc14-10.2.0.3.0.jar
oracle. driver.jar. src.url	The source url for Oracle driver. Do not change the value of the property.	https://ncimvn.nci.nih.gov/nexus/service/local /repositories/thirdparty/content/oracle/ojdbc14 /10.2.0.3.0/${oracle.driver.jar}

GUI Link Properties

Property Name	Description	Example
gui.text	Text for button linking out to beta search application	Leave blank in community version
gui.link	URL for beta application, ignored in community version	gui.link=http//google.com