

## IBM FileNet P8, Version 5.2.1

# Global Configuration Database Table Schemas

Important:

- Content Engine database table schemas are provided for informational purposes only. Do not attempt to directly modify the contents of a Content Engine database. Such action can result in a corrupted system and is not supported. Use of database triggers, functions, or other runtime procedural code is likewise unsupported on Content Engine tables.
- Database table schemas are subject to change with or without notice.
- Information is intentionally restricted for columns that are described as a composite of multiple items (for example, Annotation.component\_types).

The schema for the following Global Configuration Database (GCD) tables is described. Schema information for the GCD database cannot be retrieved from the Content Engine APIs.

- [FNGCD](#)
- [FNGCD\\_ADDON](#)
- [FNGCD\\_CESERVERS](#)
- [FNGCD\\_OSCBROWERS](#)

The schemas are based on the 5.2.1 version of the Content Engine server, with no add-ons installed. Some column names correspond with system properties created at domain initialization time. Column sizes are shown for the DB2® database system. Column size is expressed in bytes, except for the STRING type, which is expressed as the character size. On DB2, the STRING byte size is 2X the character size. For information about column sizes for other database systems, see [Column Size Vendor Differences](#).

## FNGCD Table

Used to store the last 100 versions of the GCD.

Column Name	Data Type	DB2 ColumnSize <a href="#">vendor differences</a>	Allows Null	Description
epoch_id	INTEGER	4	false	Stores the epoch of the GCD version that is stored in this row.
gcd_blob	BLOB	1G	false	Stores the XML data that is the GCD.
modify_date	DATE	10	false	Stores the date of the last modification of the GCD (the insertion date of this row).
last_epoch_id	INTEGER	4	true	

Column Name	Data Type	DB2 ColumnSize <a href="#">vendor differences</a>	Allows Null	Description
				Used by the server in row zero to determine the last epoch to use (for race condition management).

## FNGCD\_ADDON Table

Used to store the data that is associated with add-ons in the FileNet P8 domain.

Column Name	Data Type	DB2 ColumnSize <a href="#">vendor differences</a>	Allows Null	Description
object_id	OBJECT	16	false	Used by property: <a href="#">Id</a> of the add-on.
creator	STRING	80	true	Used by property: <a href="#">Creator</a>
create_date	DATE	10	true	Used by property: <a href="#">DateCreated</a>
modify_user	STRING	80	true	Used by property: <a href="#">LastModifier</a>
modify_date	DATE	10	true	Used by property: <a href="#">DateLastModified</a>
xml_manifest	CLOB	512 M	true	Stores the XML manifest file (the import script) of the add-on.
pre_import_script	CLOB	512 M	true	Stores the pre-import script of the add-on.
post_import_script	CLOB	512 M	true	Stores the post-import script of the add-on.

## FNGCD\_CESERVERS Table

Used with the FNGCD\_OSCBROWNSERS table by the background task

`com.filenet.engine.cbr.CBRDispatcher.FailOver`. The background task assigns object stores to content-based retrieval (CBR) dispatchers, ensuring that only one Content Engine server updates IBM® Legacy Content Search Engine collections for an object store. This table stores the list of Content Engine servers in the FileNet P8 domain. It is modified even if IBM Legacy Content Search Engine is not configured in the FileNet P8 domain.

Column Name	Data Type	DB2 ColumnSize <a href="#">vendor differences</a>	Allows Null	Description
server_instance_id	GUID	16	false	Used by property: <a href="#">Id</a> of the Content Engine server.
site_id	GUID	16	true	Used by property: <a href="#">Id</a> of the FileNet P8 site of the Content Engine server.
last_alive_time	DATE	10	true	Stores the time that the <code>FailOver</code> task last ran on the Content Engine server.
dbg_time	STRING	250	true	Stores a unique name that is generated by concatenating the FileNet P8 site name, the operating system's host name, and the FileNet P8 server instance name (truncated to 249 characters).

## FNGCD\_OSCBROWERS Table

Used with the FNGCD\_CESERVERS table by the background task

`com.filenet.engine.cbr.CBRDispatcher.FailOver`. The background task assigns object stores to CBR dispatchers, ensuring that only one Content Engine server updates IBM Legacy Content Search Engine collections for an object store. This table stores the assignment of object stores to IBM Legacy Content Search Engine dispatcher tasks. It is modified even if IBM Legacy Content Search Engine is not configured in the FileNet P8 domain.

Column Name	Data Type	DB2 ColumnSize <a href="#">vendor differences</a>	Allows Null	Description
object_store_id	GUID	16	false	Used by property: <a href="#">Id</a> of the object store that is assigned to a Content Engine server.
site_id	GUID	16	true	Used by property: <a href="#">Id</a> of the FileNet P8 site for the object store.
server_instance_id	GUID	16	true	Used by property: <a href="#">Id</a> of the Content Engine server to which the object store is assigned
dbg_time	STRING	250	true	Stores a unique name that is generated by concatenating the FileNet P8 site name, the operating system's host name, and the FileNet P8 server instance name (truncated to 249 characters).

### Column Size Vendor Differences

Column size is expressed in bytes, except for the STRING type, which is expressed as the character size. For more information about column sizes, and for information about how database large objects (LOBs) are stored, see [Database Engine Differences](#).

<b>Data Type</b>	<b>DB2 Server Size</b>	<b>SQL Server Size</b>	<b>Oracle Size</b>
BINARY	varies	varies	varies
BLOB	1 G	BLOB columns are stored as the IMAGE data type. For column sizes, see SQL Server documentation.	BLOB columns are stored with the BLOB data type.  For column sizes, see Oracle documentation.
BOOLEAN	2	1	varies
CLOB	512 M	CLOB columns are stored as the NTEXT data type. For column sizes, see SQL Server documentation.	CLOB columns are stored with the CLOB data type.  For column sizes, see Oracle documentation.
DATE	10	8	6
DOUBLE	8	8	8
GUID	16	16	16
INTEGER	4	4	varies
INTEGER64	8	8	varies
OBJECT	16	16	16
STRING	Byte size is 2X the character count.	Byte size is 2X the character count.	Byte size is 3X the character count.  The Oracle STRING type is limited to 1333 characters (3999 bytes).

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database\_gcd\_table\_schemas.htm

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