

# IBM Db2 Tools

## Db2 Cloning Tool Updates



IBM

*Expanding your use of IBM Db2 Cloning Tool to meet your growing business needs*

### What's new?

IBM has delivered many enhancements to the Db2 Cloning Tool that were released in 2017. These features deliver greater usability, availability and performance for your use with the product. A brief description with PTF/APAR information is included for your reference and convenience. For more details, please check out the Knowledge Center site for the IBM Db2 Cloning Tool for z/OS. ( <http://bit.ly/kccloning> ).

Feature	APAR / PTF	Description
Unload/Load support	<b>APAR PI67734 / PTF UI45656</b>	Usability improvement for situations where differences are detected between source and target that are incompatible with fast cloning. Unload/Load can now complete the clone without user intervention.
Versioning mismatch	<b>APAR PI89824 / PTF UI52340</b>	Assists with Db2 online schema alters that introduced versioning into page sets which may interrupt cloning process. This ensures correct matching.
VSAM to VSAM cloning	<b>APAR PI82463 / PTF UI50037</b>	For non-fast replication environments wanting alternative to using image copy with VSAM data.
XML usability	<b>APAR PI83216 / PTF UI51684</b>	Improves XML processing to remove issues with updating or creating XML documents on the cloned application.
CAT maintenance	<b>APAR PI85474 / PTF UI52340</b>	Usability enhancement for customers running CATMAINT during subsystem cloning to switch schema names on objects.
Consistent FlashCopy ICs	<b>APAR PI79277 / PTF UI47025</b>	Avoid both log apply and REBUILD INDEX by using FlashCopy consistent image copies, process target data sets in parallel subtask. Improves both availability and performance.
Availability & performance enhancement	<b>APAR PI77288 / PTF UI46483</b>	Issues sometimes occurred when running utilities and SQL on cloned table space. Copy statistics from source to target to address reported issues.
Usability enhancement	<b>APAR PI87947 / PTF UI51684</b>	Integration of Connect:Direct for non-shared DASD environments

### Want to learn more?

As part of maintaining your Db2 for z/OS environments, one of the steps that can take time is the testing of new features or versions before you can use them in production. Using the Db2 Cloning Tool, you can refine your maintenance steps in a safe, but production-like environment. This is one of the use cases that was explored in detail in a webcast titled “How to protect your Db2 for z/OS production environment with advanced cloning techniques”. Register to catch the on-demand replay: [http://bit.ly/Dec5\\_cloning](http://bit.ly/Dec5_cloning)

There is also a recent publication available for your download. This IBM® Redpaper™ publication gives a high-level overview of the IBM Db2 Cloning Tool and includes specific use cases for the tool. It also details the skeleton cloning process, which you can use to test migration, function levels, and maintenance, and includes demo examples that show a Db2 11 to 12 migration test using skeleton cloning.

<http://www.redbooks.ibm.com/redpieces/abstracts/redp5473.html?Open&pdfbookmark>