

# ❑ Container storage pool related Commands - 1 -

Command	Comments	DC	CC-ON	CC-OFF
<b>Audit container</b>	Scan contents of a <b>Container</b> to validate the integrity of the extents.  Remove damaged data from a <b>Cont.</b> Mark a <b>Container</b> as damaged  <b>New in 8.1.10:</b> new action=unmarkdamaged (only DC)	Y	Y	Y
<b>Move container</b>  New parameter: <b>DEFRAG= NO/YES</b>	Move contents of <u>ONE</u> <b>Container</b> to another <b>Container</b> or <b>consolidates containers</b> ( <b>NO</b> wildcard allowed!). A new <b>Cont.</b> is allocated & the old one will be deleted ( <b>NO delete container</b> cmd exist). <b>New in 8.1.4:</b> copy and <b>defrag</b> to an <b>existing</b> container – consolidate data and reclaim space. <b>New in 8.1.5:</b> def=YES.	Y	Y	Y
<b>Query container</b>	To display information about one or more <b>Container</b>	Y	Y	Y
<b>Query damaged</b>	Display information about damaged data extents	Y	Y	Y
<b>Query extentupdates</b>	Display infos about data extent updates & to check what data extents are deleted & what is eligible for deletion ( <b>background process</b> ).	Y	N	N

**DC** =Directory **C**ontainer

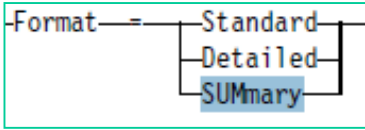
**CC-ON** =Cloud **C**ontainer **ON**-Premises

**P** =Possible

**CC-OFF** =Cloud **C**ontainer **OFF**-Premises

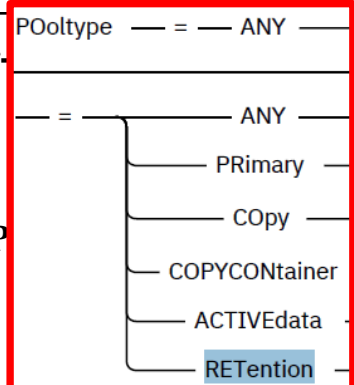
**M** =Mandatory

# ❑ Container storage pool related Commands - 2 -

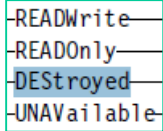
Command	Comments	DC	CC-ON	CC-OFF
<b>Generate dedupstats</b>	Generate dedup statistics for dedup performance. <b>New in 8.1.0:</b> Specify now <b>node_group</b> & <b>maxprocess</b> (def=4 (1-99)) <b>New in 8.1.5:</b> you can specify a <b>description</b>	Y	Y	Y
<b>Delete dedupstats</b>	Delete data deduplication statistics (the last record can not be deleted)	Y	Y	Y
<b>Query dedupstats</b>	Display information about data deduplication <b>New in 8.1.5:</b> <ul style="list-style-type: none"> <li>- You can specify individual <b>file spaces</b></li> <li>- you can specify <b>node_groups</b></li> <li>- you can specify a <b>reportid</b> (for a set of GENERATED data deduplication statistics)</li> <li>- you can specify a <b>description</b></li> <li>- you can specify a <b>summary</b> format</li> </ul> 	Y	Y	Y
<b>Def container-copy storage pool</b>  POOLTYPE= COPYCONtainer	<b>New in 7.1.7:</b> Define a <b>Container-Copy</b> storage pool to protect chunks from a <b>Directory Container</b> storage pool. Only <u>physical</u> tape (devclass pool) is allowed. Use Repair stgpool to recover chunks. <b>New in 8.1.0:</b> new parameter <b>RECLAIMLimit: max. number of volumes</b> that the server reclaims <u>when you issue the PROTECT STGPOOL</u> cmd & specify <b>RECLAIM=YESLIMITED</b> or <b>RECLAIM=ONLYLIMITED</b>	Y	N	N

# Container storage pool related Commands - 3 -

Command	Comments	DC	CC-ON	CC-OFF
Def, Upd, Del, Q stgpools	Define, update, delete <b>Directory</b> -, <b>Cloud Container</b> or ( <b>New in 7.1.7</b> ) <b>Container-Copy</b> storage pools	Y	Y	Y
Stgpool parameter: "nextstg="	<b>Overflow</b> storage, target can be legacy storage pool (random or seq prim) or <b>Cloud Container</b> . THIS is <b>NOT</b> an HIERARCHY definition. → <b>Operational Problem: How to bring back data from legacy „nextstg“ stgpool to container stgpool?</b> (may be migrate to separate file pool and convert)	Y	N	N
Stgpool parameter: "compression=YES/no"	<b>Container</b> storage pool LZ4 compression. ( <b>New in 7.1.5</b> )	Y	Y	Y
Stgpool parameter: "protectstgpool="	Name of the <b>Directory Container</b> pool on the target replication server	Y	N	N
Stgpool parameter: "protectLOCALstgpools"	Name of the <b>Container-Copy</b> storage pool on a local server ( <b>New in 7.1.7</b> ). Must be <b>physical</b> tape device class	Y	N	N
Query stgpool	<b>New in 7.1.7:</b> Q stg <b>pooltype=COPYCON</b> - <b>Container-Copy</b> storage pool on a local server. <b>New in 8.1.8:</b> Q stg <b>pooltype=primary</b> Pool (can see also <b>stgtype= ColdDataCache</b> pool -for S3 Full Offload from SPP) <b>New in 8.1.10</b> Q stg <b>pooltype=RETENTION</b> (for retention sets on tape pool)			



## ❑ Container storage pool related CMDs / Option - 4 -

Command	Comments	DC	CC-ON	CC-OFF
Define stgpooldirectory	Define one or more directories in a <b>Directory Container</b> or <b>Cloud Container</b> storage pool	Y	Y *1)	Y *1)
Query stgpooldirectory	Query directory status for a <b>Container</b> storage pool. <b>Hint:</b> Full path name is case sensitive with all stgpooldir cmds	Y	Y *1)	Y *1)
Delete stgpooldirectory	To delete a definition for a <b>Container</b> storage pool directory	Y	Y *1)	Y *1)
Upd stgpooldirectory	To update a storage pool directory access mode  <b>New in 8.1.0:</b>  MAXPRocess can be used if update to access= <b>destroyed</b> is used. <b>Range 1 – 99</b> def=4 (each container in one dir is updated by one child process). 	Y	Y *1)	Y *1)
OPTION: EnableNASdedup (7.1.0) NO/YES	NOW <b>New in 8.1.2:</b> also for Container Pools specifies whether the server deduplicates data that is stored by a network-attached storage (NAS) file server (except e.g. TOC, incr –snapdiff,snapmirror )	Y	Y	Y

\*1) **new with 7.1.6, for cloud container pools:** define stgpooldirectory with dir parameter (**case sensitive**) used for cloud staging area, also called „Hybrid Cloud“

## ❑ Container storage pool related Commands - 5 –

Command	Comments	DC	CC-ON	CC-OFF
Stgpool parameter: „encrypt=„YES/no“	Whether the server <b>encrypts</b> client data <b>before</b> the server writes the data to the <b>DIRECTORY</b> container storage pool ( <b>New in 8.1.2</b> ) - (with <b>Cloud Container</b> pools and <b>cloudlocation=offsite</b> , this was already mandatory with 7.1.3)	Y	Y	Y
<b>ENCRYPT STGPOOL</b>	encrypt data in a <b>Directory Container</b> or <b>Cloud Container</b> storage pool ( <b>New in 8.1.2</b> )	Y	Y	Y
<b>VALIDATE CLOUD</b>	<p><b>Before you define a Cloud pool</b>, use this command to ensure that the credentials for a cloud-container storage pool are valid and that the necessary permissions are granted to the user (<b>New in 8.1.2</b>)</p> <p><b>New in 8.1.10</b></p> <p>New Parameter <b>„Connection=„</b> to test Cloud Connection</p> <p><b>if used for TSM/ISP Database Backup/Restore</b></p> <p>See also: Define, Delete, Update <b>Connection</b> commands</p>	-	Y	Y

