

VTOC-UPDATE

File	7
Op-Sys	OS/390, VSE/ESA, BS2000/OSD
Statement	PROCESS
Task	Perform VTOC updates, for example, rename, scratch, purge datasets.

Common Fields for all Operating Systems

Dictionary Field Name	F/L	Mu	DE	Remarks
ERROR-CODE	N3			
ERROR-TEXT	A58			
NODE	N3		D	
NODE-NAME	A16		D	
SYSTEM-MESSAGE-CODE	A10			
DSNAME	A54		D	Required.
NEWNAME	A54		D	Relevant for FUNCTION=RENAME.
FUNCTION	A8		D	Required for OS/390, VSE/ESA.

Additional Field Supported for OS/390 and VSE/ESA

Dictionary Field Name	F/L	Mu	DE	Remarks
VOLSER	A6		D	Required.

Additional Fields Supported for OS/390

Dictionary Field Name	F/L	Mu	DE	Remarks
LEAVE	N5		D	Relevant for FUNCTION=RELEASE.
CATALOG-UPDATE	A3		D	Relevant for FUNCTION=RENAME or SCRATCH.
WAIT	A3		D	Relevant for VOLSER=MIGRAT.

Additional Fields Supported for BS2000/OSD

Dictionary Field Name	F/L	Mu	DE	Remarks
SYSTEM-CODE	B2			
ERASE-OPTION	A7		D	
ERASE-RANGE	A1		D	
PASSWORD	A8		D	

Relevant Error Codes

Code	Text	OS/390	VSE/ESA	BS2000/OSD
530	Access denied by Security Facility.			X
535	File has invalid format.	X		
539	DFHSMREQ failed with RC=...	X		
556	File is in use.			X
565	Syntax error in dataset name.			X
571	DSNAME missing.	X	X	
572	NEWNAME missing.		X	X
573	SCRATCH invalid.		X	
574	RENAME invalid.		X	
600	Unknown function.	X	X	X
659	Dataset is already cataloged.			X
701	DSNAME missing.			X
722	Requested dataset not found.			X
733	User ID does not exist.			X
750	Invalid operand within operand list.			X
799	Entire System Server internal error.			X
851	File not on volume.	X		
852	No password supplied / VSAM data space.	X		
853	Retention cycle unexpired / NEWNAME exists.			X
856	Error xx while processing VTOC.		X	
856	Error assigning a logical unit.		X	
857	VTOC is in use.		X	
996	File not on volume.		X	

Field Descriptions

Field Name	Type/Length	Operating System
CATALOG-UPDATE	(A3)	OS/390

Update catalog after a file is scratched or renamed. Possible options:

Option	Explanation
NO	Catalog is not updated.
YES	Catalog is updated.

Field Name	Type/Length	Operating System
DSNAME	(A54)	OS/390, VSE/ESA, BS2000/OSD

Fully qualified dataset name. In BS2000/OSD, fully qualified file name.

Field Name	Type/Length	Operating System
ERASE-OPTION	(A7)	BS2000/OSD

Possible options:

Option	Explanation
CATALOG	Erase only catalog entry (only for tape files and private disks. Default for tape files).
DATA	Erase only data: keep allocated space and catalog entry (not valid for tape files).
DESTROY	Overwrite with x'00' (not valid for tape files).
SPACE	Same as DATA, but release allocated space (not valid for tape files and private discs).

Field Name	Type/Length	Operating System
ERASE-RANGE	(A1)	BS2000/OSD

Range of generation files to be deleted. Possible options:

Option	Explanation
A	All files after the generation number in DSNAME.
B	All files before the generation number in DSNAME.

Field Name	Type/Length	Operating System
FUNCTION	(A8)	OS/390, VSE/ESA, BS2000/OSD

Possible functions are:

Function	Explanation
PURGE	Delete dataset or file regardless of expiration date.
RELEASE	In OS/390, release unused space. In BS2000/OSD, this function can be performed by FUNCTION=COMPRESS in the view FILE-MAINTENANCE. (This function is not supported in VSE/ESA.)
RENAME	Rename dataset or file.
SCRATCH	Delete dataset or file. In VSE/ESA, SCRATCH is equivalent to PURGE.

Field Name	Type/Length	Operating System
LEAVE	(N5)	OS/390

Number of free tracks after the unused tracks are freed with FUNCTION=RELEASE.

Field Name	Type/Length	Operating System
NEWNAME	(N54)	OS/390, VSE/ESA, BS2000/OSD

Relevant when FUNCTION=RENAME. New name to be assigned to the dataset or file. In BS2000/OSD, must be supplied without CAT-ID / User ID.

Field Name	Type/Length	Operating System
PASSWORD	(A8)	BS2000/OSD

Password for write access to file to be renamed or deleted.

Field Name	Type/Length	Operating System
VOLSER	(A6)	OS/390, VSE/ESA

Volume serial number.

Field Name	Type/Length	Operating System
WAIT	(A3)	OS/390

Relevant when VOLSER=MIGRAT. Possible values are:

Value	Explanation
YES	Wait for the dataset to be recalled from a migration volume before deleting it.
NO	Delete the migrated dataset without recalling (default).