



---

# **Virtual Tape Control System**

**XML Reference**

**Version 5.1.0**

**CRC Update Only**

## **Proprietary Information Statement**

This document and its contents are proprietary to Storage Technology Corporation and may be used only under the terms of the product license or nondisclosure agreement. The information in this document, including any associated software program, may not be reproduced, disclosed or distributed in any manner without the written consent of Storage Technology Corporation.

## **Limitations on Warranties and Liability**

**This document neither extends nor creates warranties of any nature, expressed or implied.** Storage Technology Corporation cannot accept any responsibility for your use of the information in this document or for your use of any associated software program. You are responsible for backing up your data. You should be careful to ensure that your use of the information complies with all applicable laws, rules, and regulations of the jurisdictions in which it is used.

**Warning:** No part or portion of this document may be reproduced in any manner or in any form without the written permission of Storage Technology Corporation.

## **Restricted Rights**

Use, duplication, or disclosure by the U.S. Government is subject to restrictions as set forth in subparagraph (c) (1) (ii) of the Rights in Technical Data and Computer Software clause at DFARS 252.227-7013 or subparagraphs (c) (1) and (2) of the Commercial Computer Software — Restricted Rights at 48 CFR 52.227-19, as applicable.

## **Export Destination Control Statement**

These commodities, technology or software were exported from the United States in accordance with the Export Administration Regulations. Diversion contrary to U.S. law is prohibited.

## **Second Edition, Revision A - June 2003**

### **CRC Update Only**

This edition applies to Version 5.1.0 of the Virtual Tape Control System software. Information in this publication is subject to change. Send comments about this publication to:

Storage Technology Corporation  
Manager, Software Information Development  
One StorageTek Drive  
Louisville, Colorado 80028-5209  
OR  
E-mail us at: [sid@stortek.com](mailto:sid@stortek.com)

© 2003 Storage Technology Corporation. All rights reserved. StorageTek, the StorageTek logo and the following are trademarks or registered trademarks of Storage Technology Corporation:

StorageTek®  
Nearline®  
Virtual Storage Manager (VSM)™  
Expert Library Manager (ExLM)™  
Expert Performance Reporter (ExPR)™  
Host Software Component (HSC)™  
TimberLine™

Other products and names mentioned herein are for identification purposes only and may be trademarks of their respective companies.

# About this Book

---

Virtual Tape Control System 5.1.0 (VTCS 5.1.0, hereafter referred to as “VTCS”) is MVS host software, which together the portions of NCS 5.1.0 that support VTCS and the Virtual Tape Storage Subsystem (VTSS), comprise Virtual Storage Manager (VSM).

## Audience

This reference is for qualified StorageTek internal customers and third-party vendors who are responsible writing applications to the VTCS Programmatic Interface (PGMI). It is also for customers who elect to produce XML format output directly from the VTCS commands and utilities.

This reference describes the XML format output of the following:

- The VTCS PGMI responses.
- The VTCS command/utility responses.

## Reader's Comments

If you have comments on this book, please e-mail us at [sid@stortek.com](mailto:sid@stortek.com) and include the document title and number with your comments.

## Prerequisites

To perform the tasks described in this reference, you should already understand the following:

- MVS or OS/390 operating system
- JES2 or JES3
- System Management Facility (SMF)
- System Modification Program Extended (SMP/E)
- Nearline Control Solution (NCS)
- VTCS and VSM

For more information, see “Related Publications” on page viii.

## About the Software

This reference applies to VTCS 5.1.0 and NCS 5.1.0 and above. VTCS executes in the native MVS or OS390 environment and does not use or require OS390 OpenEdition services.

## How this Reference is Organized

This reference contains “VTCS Commands and Utilities XML Tags”.

## What's New in This Reference?

### **Second Edition, Revision A**

The Second Edition, Revision A, of this reference contains the updates described in Table 1.

*Table 1. Updates to VTCS XML Reference, Second Edition, Revision A*

<b>This SPE...</b>	<b>...is described in...</b>	<b>...and is available for this FMID...</b>	<b>...via PTF...</b>
VTV First Residency	See the <new_create> tag in Table 2 on page 3.	SMS5100	L1H11DX
		SOS5100	L1H11DY
		SWS5100	L1H11DZ

## Conventions for Reader Usability

Conventions are used to shorten and clarify explanations and examples within this book.

### Typographic

The following typographical conventions are used in this book:

- **Bold** is used to introduce new or unfamiliar terminology.
- **Letter Gothic** is used to indicate command names, filenames, and literal output by the computer.
- **Letter Gothic Bold** is used to indicate literal input to the computer.
- **Letter Gothic Italic** is used to indicate that you must substitute the actual value for a command parameter. In the following example, you would substitute your name for the “username” parameter.
- Logon *username*
- A bar ( | ) is used to separate alternative parameter values. In the example shown below either username or systemname must be entered.
- Logon *username|systemname*
- Brackets [ ] are used to indicate that a command parameter is optional.
- Ellipses ( ... ) are used to indicate that a command may be repeated multiple times.
- The use of mixed upper and lower case characters (for non-case sensitive commands) indicates that lower case letters may be omitted to form abbreviations. For example, you may simply enter **Q** when executing the **Quit** command.

### Keys

Single keystrokes are represented by double brackets [[ ]] surrounding the key name. For example, press [[ESC]] indicates that you should press only the escape key.

Combined keystrokes use double brackets and the plus sign (+). The double brackets surround the key names and the plus sign is used to add the second keystroke. For example, press [[AL]] + [[C]] indicates that you should press the alternate key and the C key simultaneously.

### Enter Command

The instruction to “press the [[ENTER]] key” is omitted from most examples, definitions, and explanations in this book.

For example, if the instructions asked you to “enter” **Logon pat**, you would type in **Logon pat** and press LENTERM.

However, if the instructions asked you to “type” **Logon pat**, you would type in **Logon pat** and you would *not* press [[ENTER]].

## Symbols

The following symbols are used to highlight text in this book.



**Warning:** Information necessary to keep you from damaging your hardware or software.



**Caution:** Information necessary to keep you from corrupting your data.

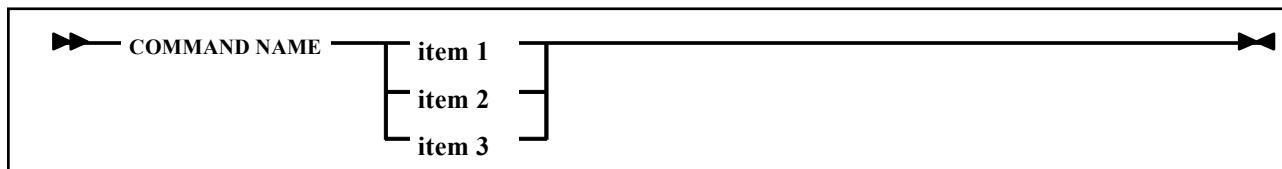


**Hint:** Information that can be used to shorten or simplify your task or they may simply be used as a reminder.

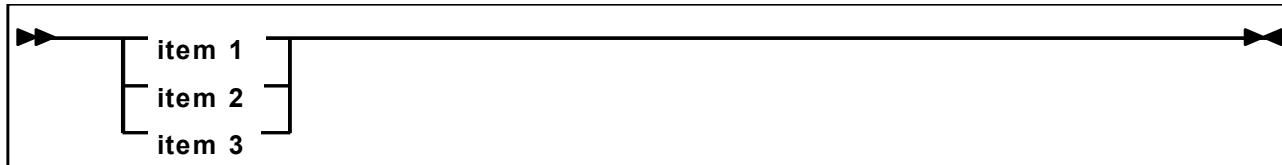
## Syntax

Syntax flow diagram conventions include the following:

**Flow Lines**—Syntax diagrams consist of a horizontal baseline, horizontal and vertical branch lines and the command text. Diagrams are read left to right and top to bottom. Arrows show flow and direction.



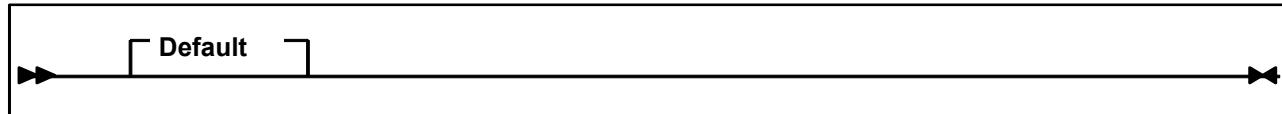
**Single Required Choice**—Branch lines (without repeat arrows) indicate that a single choice must be made. If one of the items to choose from is on the baseline, one item must be selected.



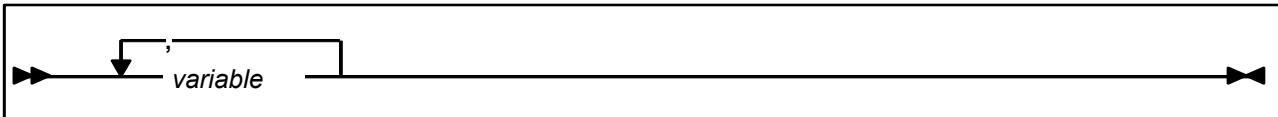
**Single Optional Choice**—If the first item is on the line below the baseline, one item may optionally be selected.



**Defaults**—Default values and parameters appear above the baseline.



**Repeat Symbol**—A repeat symbol indicates that more than one choice can be made or that a single choice can be made more than once. The repeat symbol shown in the following example indicates that a comma is required as the repeat separator.



**Keywords**—All command keywords are shown in all upper case or in mixed case. When commands are not case sensitive, mixed case implies that the lowercase letters may be omitted to form an abbreviation.

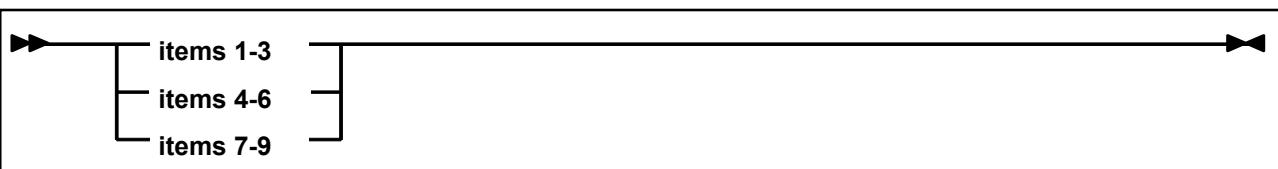
**Variables**—Italic type is used to indicate a variable.

**Alternatives**—A bar ( | ) is used to separate alternative parameter values.

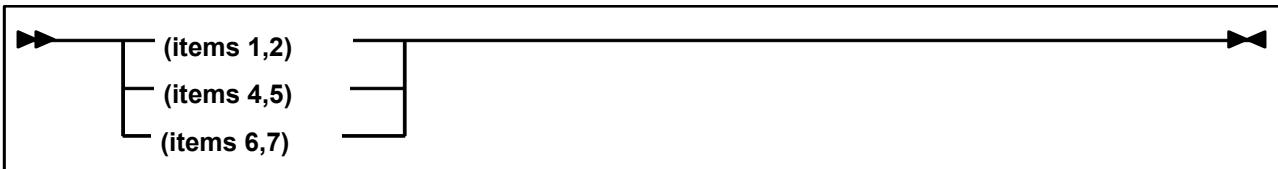
**Optional**—Brackets [ ] are used to indicate that a command parameter is optional.

**Delimiters**—If a comma (,), a semicolon (;), or other delimiter is shown with an element of the syntax diagram, it must be entered as part of the statement or command.

**Ranges**—An inclusive range is indicated by a pair of elements of the same length and data type, joined by a dash. The first element must be strictly less than the second element.



**Lists**—A list consists of one or more elements. If more than one element is specified, the elements must be separated by a comma or a blank and the entire line must be enclosed by parentheses.



## Related Publications

The following publications provide additional information about VSM and StorageTek's Automated Cartridge System software and hardware.

### VTCS and VSM

The VTCS and VSM documentation set consists of the following:

- *Introduction to VSM*, which you can request from your StorageTek representative
  - The VTCS 5.1.0 Information CD-ROM, which contains PDF file formats of *Virtual Tape Control System Installation and Configuration Guide*, *Virtual Tape Control System Administrator's Guide*, *Virtual Tape Control System Command and Utility Reference*, *Virtual Tape Control System Messages*, and *Virtual Tape Control System XML Reference*
  - *Virtual Tape Control System Installation and Configuration Guide*
  - *Virtual Tape Control System Administrator's Guide*
  - *Virtual Tape Control System Command and Utility Reference* (this book)
  - *Virtual Tape Control System Messages*
  - *Virtual Tape Control System Quick Reference*
  - *Virtual Tape Control System XML Reference* (this book)
  - *VSM Offsite Vault Disaster Recovery Guide* (supplied with the VSM Offsite Vault Disaster Recovery Feature)
- 
- *Virtual Storage Manager Planning, Implementation, and Usage Guide*
  - *Virtual Storage Manager Physical Planning Guide*
  - *VTSS Installation Guide*

**NCS***NCS Installation Guide***HSC-MVS  
Environment**

- *Configuration Guide*
- *Operator's Guide*
- *System Programmer's Guide*
- *Messages and Codes*
- *System Programmer's Reference Summary*
- *Operator's Reference Summary*

**LibraryStation**

- *Configuration Guide*
- *Operator and System Programmer's Guide*
- *Messages and Codes*

**MVS/CSC**

- *Configuration Guide*
- *Operator Guide*
- *System Programmer Guide*
- *Messages and Codes*

**ExPR**

- *Introduction to ExPR*
- *ExPR SMP/E Installation*
- *ExPR MVS Configuration*
- *ExPR MVS Reports*
- *ExPR MVS Reference*

## ExLM 4.0.0

The ExLM 4.0.0 documentation set consists of the following:

- The ExLM 4.0.0 Information CD-ROM, which contains PDF file formats of *ExLM Installation Guide*, *ExLM System Administrator's Guide*, *ExLM System Administrator's Guide - Field Tables Supplement*, and *ExLM Messages and Codes*
- *ExLM Installation Guide*
- *ExLM System Administrator's Guide*
- *ExLM System Administrator's Guide - Field Tables Supplement*
- *ExLM Messages and Codes*
- *ExLM Quick Reference*

## ExLM 5.0.0

The ExLM 5.0.0 documentation set consists of the following:

- The ExLM 5.0.0 Information CD-ROM, which contains PDF file formats of the ExLM publications
- *ExLM Installation Guide*
- *ExLM System Administrator's Guide*
- *ExLM Messages and Codes*
- *ExLM Quick Reference* (includes information formerly provided in the *ExLM 4.0.0 System Administrator's Guide - Field Tables Supplement*)

## Online Documentation on the StorageTek CRC

The StorageTek Customer Resource Center (CRC) on the World Wide Web provides online versions in PDF format of this book, the related StorageTek publications listed on page viii, and many other StorageTek software and hardware publications.



### To access PDF documents on the StorageTek CRC:

1. **Using an Internet browser such as Netscape, go to the StorageTek CRC. The URL is:**

<http://www.support.storagetek.com/>

2. **Select the Request a Login and password link.**

3. **Fill in the information requested in the form.**

You should receive your account ID and password within two days.

4. **When you receive your account information, go back to the CRC and use the navigation aids to access the document you want to view.**

When prompted, fill in your User ID and password.

## Technical Support

Refer to *Requesting Help from Software Support* for information about contacting StorageTek for technical support and for requesting changes to software products.

# Document Effectivity

---

EC Number	Date	Doc Kit Number	Type	Effectivity
128502	May 2002	---	First Edition	This document applies to VTCS, Version 5.0.0.
128582	December 2002	---	Second Edition	This document applies to VTCS, Version 5.1.0.
---	June 2003	---	Second Edition, Revision A	This document applies to VTCS, Version 5.1.0.



# Contents

---

<b>About this Book .....</b>	<b>iii</b>
Audience .....	iii
Reader's Comments.....	iii
Prerequisites.....	iii
About the Software .....	iv
How this Reference is Organized .....	iv
What's New in This Reference?	iv
Second Edition, Revision A.....	iv
Conventions for Reader Usability.....	v
Typographic.....	v
Keys.....	v
Enter Command.....	v
Symbols.....	vi
Syntax .....	vi
Related Publications .....	viii
VTCS and VSM.....	viii
VTSS .....	viii
NCS .....	ix
ExPR .....	ix
ExLM 4.0.0 .....	x
ExLM 5.0.0 .....	x
Online Documentation on the StorageTek CRC .....	x
Technical Support .....	x
<b>Document Effectivity .....</b>	<b>xi</b>
<b>VTCS Commands and Utilities XML Tags .....</b>	<b>1</b>
XML Data Tag Descriptions .....	3
XML Structure Tag Cross-Reference .....	9
AUDIT.....	14
CANCEL.....	18
CONFIG .....	19
CONSOLID.....	21
DECOM.....	27
EXPORT .....	29
IMPORT .....	32
MIGRATE .....	35
MVCRAIN .....	38
MVCMAINT.....	44

MVCPLRPT .....	46
MVCRPT .....	48
QUERY/DISPLAY ACTIVE .....	50
QUERY/DISPLAY CLINK .....	51
QUERY/DISPLAY CLUSTER .....	52
QUERY/DISPLAY CONFIG .....	54
QUERY/DISPLAY LOCKS .....	56
QUERY/DISPLAY MIGRATE .....	57
QUERY/DISPLAY MVC .....	58
QUERY/DISPLAY MVCPOOL .....	60
QUERY/DISPLAY QUEUE .....	61
QUERY/DISPLAY RTD .....	62
QUERY/DISPLAY REPLICATE .....	63
QUERY/DISPLAY SCRATCH .....	64
QUERY/DISPLAY TASKS .....	65
QUERY/DISPLAY VTD .....	66
QUERY/DISPLAY VTSS .....	67
QUERY/DISPLAY VTV .....	68
RECALL .....	70
RECLAIM .....	73
SET MIGOPT .....	79
TRACE .....	80
VARY CLINK .....	81
VARY RTD .....	82
VARY VTSS .....	83
VTMAINT .....	84
VTVRPT .....	85

# List of Tables

---

Table 1. Updates to VTCS XML Reference, Second Edition, Revision A .....	iv
Table 2. XML Data Tag Cross-Reference.....	3
Table 3. XML Structure Tag Cross-Reference .....	9
Table 4. AUDIT XML Tags .....	14
Table 5. CANCEL XML Tags .....	18
Table 6. CONFIG XML Tags .....	19
Table 7. CONSOLID XML Tags .....	21
Table 8. DECOM XML Tags .....	27
Table 9. EXPORT XML Tags.....	29
Table 10. IMPORT XML Tags.....	32
Table 11. MIGRATE XML Tags .....	35
Table 12. MVCRAIN XML Tags .....	38
Table 13. MVCMAINT XML Tags .....	44
Table 14. MVCPLRPT XML Tags.....	46
Table 15. MVRPT XML Tags .....	48
Table 16. QUERY/DISPLAY ACTIVE XML Tags.....	50
Table 17. QUERY/DISPLAY CLINK XML Tags.....	51
Table 18. QUERY/DISPLAY CLUSTER XML Tags .....	52
Table 19. QUERY/DISPLAY CONFIG XML Tags.....	54
Table 20. QUERY/DISPLAY LOCKS XML Tags .....	56
Table 21. QUERY/DISPLAY MIGRATE XML Tags .....	57
Table 22. QUERY/DISPLAY MVC XML Tags .....	58
Table 23. QUERY/DISPLAY MVCPOOL XML Tags .....	60
Table 24. QUERY/DISPLAY QUEUE XML Tags .....	61
Table 25. QUERY/DISPLAY RTD XML Tags .....	62
Table 26. QUERY/DISPLAY REPLICATE XML Tags .....	63
Table 27. QUERY/DISPLAY SCRATCH XML Tags .....	64
Table 28. QUERY/DISPLAY TASKS XML Tags.....	65
Table 29. QUERY/DISPLAY VTD XML Tags .....	66
Table 30. QUERY/DISPLAY VTSS XML Tags .....	67
Table 31. QUERY/DISPLAY VTV XML Tags .....	68
Table 32. RECALL XML Tags.....	70
Table 33. RECLAIM XML Tags .....	73
Table 34. SET MIGOPT XML Tags .....	79
Table 35. TRACE XML Tags .....	80
Table 36. VARY CLINK XML Tags .....	81
Table 37. VARY RTD XML Tags .....	82
Table 38. VARY VTSS XML Tags .....	83
Table 39. VTVMAINT XML Tags.....	84
Table 40. VTVRPT XML Tags.....	85



# VTCS Commands and Utilities XML Tags

---

This section describes the XML format output of the VTCS PGMI responses. “XML Data Tag Descriptions” on page 3 describes:

- The content of each XML data tag.
- The XML structure tags where each data tag occurs.

“XML Structure Tag Cross-Reference” on page 9 is an alphabetic list of the XML structure tags with a cross-reference to the structure or head tags where each structure tag occurs.

The following sections describe the XML head, structure, and data tags for each VTCS PGMI response:

- “AUDIT” on page 14
- “CANCEL” on page 18
- “CONFIG” on page 19
- “CONSOLID” on page 21
- “DECOM” on page 27
- “EXPORT” on page 29
- “IMPORT” on page 32
- “MIGRATE” on page 35
- “MVCDRAIN” on page 38
- “MVCMAINT” on page 44
- “MVCPLRPT” on page 46
- “MVCRPT” on page 48
- “QUERY/DISPLAY ACTIVE” on page 50
- “QUERY/DISPLAY CLINK” on page 51
- “QUERY/DISPLAY CLUSTER” on page 52
- “QUERY/DISPLAY CONFIG” on page 54
- “QUERY/DISPLAY LOCKS” on page 56
- “QUERY/DISPLAY MIGRATE” on page 57
- “QUERY/DISPLAY MVC” on page 58
- “QUERY/DISPLAY MVCPOOL” on page 60
- “QUERY/DISPLAY QUEUE” on page 61
- “QUERY/DISPLAY RTD” on page 62
- “QUERY/DISPLAY REPLICATE” on page 63
- “QUERY/DISPLAY SCRATCH” on page 64

- “QUERY/DISPLAY TASKS” on page 65
- “QUERY/DISPLAY VTD” on page 66
- “QUERY/DISPLAY VTSS” on page 67
- “QUERY/DISPLAY VTV” on page 68
- “RECALL” on page 70
- “RECLAIM” on page 73
- “SET MIGOPT” on page 79
- “TRACE” on page 80
- “VARY CLINK” on page 81
- “VARY RTD” on page 82
- “VARY VTSS” on page 83
- “VTVMAINT” on page 84
- “VTVRPT” on page 85

## XML Data Tag Descriptions

**Table 2. XML Data Tag Cross-Reference**

Data Tag	Occurs In	Definition
<accessible>	<vtss_data>	Yes/no. Indicates whether a VTSS is accessible from this host.
<acs>	<acs_mvc_counts>	ACS ID where the MVCs reside.
	<rtd_data>	ACS ID where the RTD is attached.
	<mvc_data>	ACS ID where the MVC resides.
	<vtss_data>	Default ACS ID.
<active_migrate_tasks>	<vtss_data>	Number of active migration tasks.
<audit>	<mvc_data>	Yes/no. Audit in progress or previous audit failed.
<auto_migrate_threshold>	<vtss_data>	Current threshold for automatic migration.
<block_id>	<mvc_instance>	Block ID of the VTV on the MVC.
<broken>	<mvc_data>	Yes/no. Indicates MVC error status.
<capacity_mb>	<vtss_data>	Capacity of VTSS in Mb.
<channel_id>	<rtd_data>	The channel id of a single RTD/CLINK.
	<clink_data>	
<clink_id>	<clink_data>	Internal ID of a CLINK.
<compress_percent>	<vtv_data>	Percentage compression for the VTV.
<consolidate_date>	<mvc_data>	Date YYYYMMMD that the MVC was used for consolidation.
<consolidate_time>	<mvc_data>	Time HH:MM:SS that the MVC was used for consolidation.
<consolidated>	<vtv_data>	Yes/no. Indicates whether a VTV is currently consolidated.
	<mvc_data>	Indicates that this MVC is a consolidated MVC.
<data_check>	<mvc_data>	Yes/no. Indicates whether an MVC has had a data check.
<date_created>	<vtv_data>	Date YYYYMMMD that the VTV was created.
<date_last_mounted>	<mvc_data>	Date YYYYMMMD that the MVC was last mounted.
<date_last_used>	<vtv_data>	Date YYYYMMMD that the VTV was last used.
<date>	<header>	Date YYYYMMMD that the XML was generated.
<dbu>	<vtss_data>	DBU % for a single VTSS.
<default_acs>	<vtss_data>	The configured default ACS ID for this VTSS.
<device_address>	<rtd_data>	The configured device address for an RTD.

**Table 2. XML Data Tag Cross-Reference**

Data Tag	Occurs In	Definition
	<vtd_data>	
<device_type>	<rtd_data>	The device type of the RTD.
<dismount_time>	<vtss_data>	The time an MVC is retained on a RTD.
<drain>	<mvc_data>	Yes/no. Indicates whether the MVC is being drained.
<duplexed>	<vtv_data>	Yes/no. Indicates whether a VTV is currently duplexed.
<eject>	<mvc_data>	Yes/no. Indicates whether the MVC is ejected.
<export>	<mvc_data>	Yes/no. Indicates whether the MVC is exported.
<fenced>	<vtv_data>	Yes/no. Indicates whether a VTV is currently fenced.
<free_size>	<media_mvc_counts>	Free space in GB.
<free_volumes>	<media_mvc_counts>	Number of free MVCs.
<full>	<mvc_data>	Yes/no. Indicates whether the MVC is considered full.
<function>	<vtcs_request>	VTCS function being performed.
<global_maxvtv>	<vtcs_data>	Maximum VTVs per MVC (4-32000).
<global_mvcfree>	<vtcs_data>	Free MVC threshold for reclaim (0-255).
<global_vtvattr>	<vtcs_data>	When a Management Class is assigned to a VTV -
		SCRATCH - after a scratch mount.
		ALLMOUNT - after any mount.
<global_recall_with_error>	<vtcs_data>	Whether VTCS recalls VTVs with read data checks.
		YES - recall VTVs with read data checks.
		NO - do not recall VTVs with read data checks.
<high>	<vtd_range>	The end of a volser range.
	<vtvvol>	
	<mvcvol>	
<host_id>	<vtcs_data>	The host where the command was issued (QUERY CONFIG command only).
<host_name>	<header>	Host where XML was generated.
	<host_replicate_queues>	Host attached to the Primary VTSS.
	<lock_data>	Host owning the lock.
	<clink_data>	Host using a CLINK.
<initialised>	<vtv_data>	Yes/no. Indicates whether a VTV has been used.
	<mvc_data>	Yes/no. Indicates whether an MVC has been used.

**Table 2. XML Data Tag Cross-Reference**

<b>Data Tag</b>	<b>Occurs In</b>	<b>Definition</b>
<invalid_mir>	<mvc_data>	Yes/no. Indicates whether the MVC has an invalid MIR.
<lost>	<mvc_data>	Yes/no. Indicates whether the MVC is lost (mount could not complete).
<low>	<vtd_range>	The start of a range.
	<vtvvvol>	
	<mvcvol>	
<management_class>	<vtv_data>	The Management Class assigned to this VTV.
<maximum_migrate_tasks>	<vtss_data>	Maximum number of auto-migrate tasks for this VTSS.
<maxvtv>	<mvc_data>	Yes/no. Indicates whether the MVC has reached the limit of VTVs.
<media_size>	<mvc_data>	The size in Mb of the MVC.
<media>	<media_mvc_counts>	Media type.
	<mvc_data>	
<migrate_hamt>	<vtss_data>	High auto-migrate threshold.
<migrate_lamt>	<vtss_data>	Low auto-migrate threshold.
<migrated>	<vtv_data>	Yes/no. Indicates whether a VTV is currently resident on one or more MVCs.
<migrates>	<vtss_data>	Yes/no. Indicates whether this host supports migrate.
	<host_data>	
<minimum_migrate_tasks>	<vtss_data>	Minimum number of auto-migrate tasks for this VTSS.
<mode>	<cluster_data>	Operational state of a cluster.
<mounted>	<vtv_data>	Yes/no. Indicates whether a volser (VTV or MVC) is currently mounted.
<name>	<rtd_data>	Identifier of RTD.
	<vtss_data>	Identifier of VTSS.
	<mvcpool_counts>	Identifier of MVCPOOL.
	<cluster_data>	Identifier of CLUSTER.
	<host_data>	Identifier of HOST.
	<mvcpool_data>	Identifier of MVCPOOL.
<new_create>	<vtv_data>	Yes/no. Indicates whether the VTV was newly created when it was last resident.
<number_rtds>	<vtss_data>	Number of RTDs configured for a VTSS.

**Table 2. XML Data Tag Cross-Reference**

<b>Data Tag</b>	<b>Occurs In</b>	<b>Definition</b>
<number_vtds>	<vtss_data>	Number of VTDS configured for a VTSS.
<number_vtvs>	<vtss_data>	Number of VTVs currently resident on a VTSS.
<owner_vtss>	<rtd_data>	The VTSS currently using an RTD.
<parent_id>	<vtcs_request>	Task ID of the parent task to the task listed.
<percent_available>	<mvc_data>	The amount of space available for migrations on this MVC.
<percent_fragmented>	<mvc_data>	The amount of unusable space on this MVC due to fragmentation.
<percent_used>	<mvc_data>	The amount of space on this MVC occupied by VTVs.
<primary_name>	<cluster_data>	VTSS name of Primary VTSS.
<primary_state>	<cluster_data>	Status of Primary VTSS.
<process_id>	<header>	The internal VTCS ID for a request.
	<vtcs_request>	
<read_only>	<mvc_data>	Yes/no. Indicates whether the MVC is readonly.
<reason>	<vtv_data>	Text message showing the reason for an exception condition.
	<mvc_data>	
	<vtcs_request>	
	<exceptions>	
<reclaim_maxmvc>	<vtcs_data>	MVC limit for a single reclaim.
<reclaim_size>	<media_mvc_counts>	Reclaim space in GB.
<reclaim_start>	<vtcs_data>	Reclaim start threshold.
<reclaim_threshold>	<vtcs_data>	Fragmented space threshold.
<reclaim_volumes>	<media_mvc_counts>	Number of volumes available for reclaim.
<reclaims>	<vtss_data>	Yes/no. Indicates whether this host supports reclaim.
	<host_data>	
<replicate_difference>	<host_replicate_queues>	
<replicate_frequency>	<host_replicate_queues>	
<replicate_oldest>	<host_replicate_queues>	
<replicate_qdepth>	<host_replicate_queues>	Number of VTVs waiting to be replicated.
<replicate_skip>	<host_replicate_queues>	

**Table 2. XML Data Tag Cross-Reference**

<b>Data Tag</b>	<b>Occurs In</b>	<b>Definition</b>
<replication>	<vtv_data>	“not replicated” indicates that a VTV has no replication requirements.
		“replicated” indicates that a VTV is fully replicated.
		“replication started” indicates that replication has started for this VTV.
		“replication required” indicates that replication is needed for this VTV.
<resident>	<vtv_data>	Yes/no. Indicates whether a VTV is currently resident on a VTSS buffer.
<retired>	<mvc_data>	Yes/no. Indicates whether the MVC is retired.
<scratch_count>	<scratch_data>	
<scratch>	<vtv_data>	Yes/no. Indicates whether a VTV is currently a scratch volume in the CDS.
<secondary_name>	<cluster_data>	Name of secondary VTSS
<secondary_state>	<cluster_data>	State of secondary VTSS.
<size_compressed>	<vtv_data>	The compressed size of a VTV in Mb.
<size_uncompressed>	<vtv_data>	The uncompressed size of a VTV in Mb.
<status>	<rtd_data>	Operational state of an RTD.
	<vtss_data>	Operational state of a VTSS.
	<vtd_data>	Operational state of a VTD.
	<clink_data>	Operational state of a CLINK.
<storage_class>	<mvc_data>	The Storage Class assigned to an MVC.
<subpool_name>	<scratch_data>	Scratch subpool name.
<task_number>	<lock_data>	The task number associated with the lock.
	<task_data>	The task number for each task on the current host.
<task_type>	<lock_data>	The task type associated with the lock.
	<task_data>	The task type of each task on the current host.
<time_created>	<vtv_data>	Time HH:MM:SS that a VTV was created.
<time_last_mounted>	<mvc_data>	Time HH:MM:SS that an MVC was last mounted.
<time_last_used>	<vtv_data>	Time HH:MM:SS that a VTV was last used.
<time>	<header>	Time HH:MM:SS that the XML was generated.

**Table 2. XML Data Tag Cross-Reference**

<b>Data Tag</b>	<b>Occurs In</b>	<b>Definition</b>
<times_mounted>	<mvc_data>	The mount count of an MVC.
<trace>	<trace_request>	On/off. Indicates whether VTCS tracing is active.
<usable>	<mvc_data>	Yes/no. Indicates whether the MVC can be used for migration.
<usage>	<clink_data>	Current activity on a CLINK.
<used_size>	<media_mvc_counts>	Total used space.
<used_volumes>	<media_mvc_counts>	Initialized MVCs that are not eligible for space reclamation.
<volser>	<mvc_instance>	Volser of MVC.
	<vtv_data>	Volser of VTV.
	<mvc_data>	Volser of MVC.
	<vtd_data>	Volser of VTV on VTD.
<vtcs_version>	<header>	Defines the VTCS version that generated the XML in v.r.m format currently 5.1.0.
<vtss_last_mounted>	<mvc_data>	The VTSS name that the MVC was last mounted on.
<vtss_name>	<vtv_data>	VTSS name that the VTV was last resident on.
	<clink_data>	VTSS name of the primary attached to CLINK.
	<vtd_data>	VTSS name used during QUERY VTD.
	<replication_data>	Primary VTSS name.
<vtss_subsystems>	<vtcs_data>	Number of VTSS subsystems.
<vtv_count>	<mvc_data>	Count of VTVs on an MVC.
<waiting_host>	<lock_data>	The host waiting for the lock.
<waiting_task>	<lock_data>	The task waiting for the lock.

## XML Structure Tag Cross-Reference

**Table 3. XML Structure Tag Cross-Reference**

Structure Tag	Occurs In
<acs_mvc_counts>	<mvcpool_counts>
<clink_data>	<vtss_data>
	<query_clink>
	<vary_clink>
<cluster_data>	<vtss_data>
	<query_cluster>
<consolidate_summary>	<consolidate_request>
<drain_summary>	<drain_request>
<exceptions>	<migrate_request>
	<drain_request>
	<recall_request>
	<reclaim_request>
	<consolidate_request>
<header>	<query_mvcpool>
	<tv_report>
	<mvc_report>
	<cancel_request>
	<query_active>
	<query_queued>
	<query_rtd>
	<migrate_request>
	<drain_request>
	<query_vtss>
	<query_vtd>
	<query_scratch>
	<query_vtv>
	<query_mvc>
	<query_config>
	<query_migrate>
	<query_locks>

**Table 3. XML Structure Tag Cross-Reference**

<b>Structure Tag</b>	<b>Occurs In</b>
	<query_tasks>
	<query_clink>
	<query_cluster>
	<query_replicate>
	<recall_request>
	<reclaim_request>
	<set_migopt_request>
	<trace_request>
	<vary_clink>
	<vary_rtd>
	<vary_vtss>
	<audit_request>
	<configuration>
	<consolidate_request>
	<decompile>
	<export_request>
	<import_request>
	<mvcpool_report>
	<vtvmaint_request>
	<mvcmaint_request>
<host_data>	<vtss_data>
<host_replicate_queues>	<replication_data>
<lock_data>	<query_locks>
<media_mvc_counts>	<acs_mvc_counts>
<migrate_process>	<migrate_request>
	<drain_request>
	<reclaim_request>
	<consolidate_request>
<migrate_summary>	<migrate_request>
<mvc_data>	<vtcs_request>
	<migrate_process>
	<recall_process>

**Table 3. XML Structure Tag Cross-Reference**

<b>Structure Tag</b>	<b>Occurs In</b>
	<lock_data>
	<reclaim_summary>
	<mvc_report>
	<mvcpool_data>
	<query_mvc>
<mvc_instance>	<vtv_data>
<mvc_inventory>	<mvc_data>
<mvc_report>	<audit_request>
	<export_request>
	<import_request>
	<mvcmaint_request>
<mvcpool_counts>	<query_mvcpool>
<mvcpool_data>	<mvcpool_report>
<mvcvol>	<decompile>
<primary_vtss>	<cluster_data>
<query_mvcpool>	<mvcpool_data>
<recall_process>	<drain_request>
	<recall_request>
	<reclaim_request>
	<consolidate_request>
<recall_summary>	<recall_request>
<reclaim_summary>	<reclaim_request>
<replication_data>	<query_replicate>
<rtd_data>	<vtcs_request>
	<vtss_data>
	<query_rtd>
	<query_config>
	<vary_rtd>
<scratch_data>	<query_scratch>
<secondary_vtss>	<cluster_data>
<task_data>	<query_tasks>
<vtcs_data>	<query_config>

**Table 3. XML Structure Tag Cross-Reference**

<b>Structure Tag</b>	<b>Occurs In</b>
	<configuration>
	<decompile>
<vtcs_request>	<task_data>
	<cancel_request>
	<query_active>
	<query_queued>
<vtd_data>	<lock_data>
	<query_vtd>
<vtd_range>	<host_data>
<vtss_data>	<vtcs_request>
	<primary_vtss>
	<secondary_vtss>
	<migrate_process>
	<recall_process>
	<query_vtss>
	<query_config>
	<query_migrate>
	<set_migopt_request>
	<vary_vtss>
	<configuration>
	<decompile>
	<vtss_inventory>
	<vtss_report>
<vtss_inventory>	<vtss_data>
<vtss_report>	<audit_request>
<vtv_data>	<mvc_inventory>
	<vtcs_request>
	<migrate_summary>
	<migrate_process>
	<drain_summary>
	<recall_process>
	<lock_data>

**Table 3. XML Structure Tag Cross-Reference**

<b>Structure Tag</b>	<b>Occurs In</b>
	<recall_summary>
	<vtv_report>
	<consolidate_summary>
	<query_vtv>
<vtv_report>	<audit_request>
	<vtvmaint_request>
<vtvvvol>	<decompile>

## AUDIT

**Table 4. AUDIT XML Tags**

Command /Utility	Head Tag	Structure/Data Tags					
AUDIT	<audit_request>	<header>	<vtcs_version>				
			<date>				
			<time>				
			<host_name>				
	<mvc_report>	<header>	<vtcs_version>				
			<date>				
			<time>				
			<host_name>				
		<mvc_data>	<volser>				
			<vtv_count>				
			<media>				
			<percent_used>				
			<percent_fragmented>				
			<percent_available>				
			<media_size>				
			<times_mounted>				
			<audit>				
			<eject>				
			<drain>				
			<maxvtv>				
			<export>				
			<consolidated>				
			<full>				
			<usable>				
			<initialised>				
			<broken>				
			<lost>				

**Table 4. AUDIT XML Tags**

<b>Command /Utility</b>	<b>Head Tag</b>	<b>Structure/Data Tags</b>					
				<data_check>			
				<read_only>			
				<retired>			
				<invalid_mir>			
				<date_last_mounted>			
				<time_last_mounted>			
				<vtss_last_mounted>			
				<acs>			
				<consolidate_date>			
				<consolidate_time>			
				<storage_class>			
				<mvc_inventory>	<vtv_data>	<volser>	
						<initialised>	
						<mounted>	
						<resident>	
						<scratch>	
						<fenced>	
						<duplexed>	
						<consolidated>	
						<migrated>	
						<replication>	
						<size_compressed>	
						<size_uncompressed>	
						<compress_percent>	
						<date_last_used>	
						<time_last_used>	

**Table 4. AUDIT XML Tags**

<b>Command /Utility</b>	<b>Head Tag</b>	<b>Structure/Data Tags</b>					
						<new_create>	
						<date_created>	
						<time_created>	
						<management_class>	
						<vtss_name>	
						<mvc_instance> <volser>	
							<block_id>
	<vtss_report>	<header>	<vtcs_version>				
			<date>				
			<time>				
			<host_name>				
		<vtss_data>	<name>				
			<migrate_lamt>				
			<migrate_hamt>				
			<number_vtds>				
			<number_rtlds>				
			<dismount_time>				
			<minimum_migrate_tasks>				
			<maximum_migrate_tasks>				
			<active_migrate_tasks>				
			<default_acs>				
			<capacity_mb>				
			<dbu>				
			<number_vtvs>				
			<status>				
			<accessible>				
			<migrates>				

**Table 4. AUDIT XML Tags**

<b>Command /Utility</b>	<b>Head Tag</b>	<b>Structure/Data Tags</b>					
				<reclaims>			
				<auto_migrate_threshold>			
				<vtss_inventory>	<vtv_data>	<initialised>	
						<mounted>	
						<resident>	
						<scratch>	
						<fenced>	
						<duplexed>	
						<consolidated>	
						<migrated>	
						<replication>	
						<size_compressed>	
						<size_uncompressed>	
						<compress_percent>	
						<date_last_used>	
						<time_last_used>	
						<new_create>	
						<date_created>	
						<time_created>	
						<management_class>	
						<vtss_name>	

## CANCEL

**Table 5. CANCEL XML Tags**

Command/ Utility	Head Tag	Structure/Data Tags		
CANCEL	<cancel_request>	<header>	<vtcs_version>	
			<process_id>	
			<date>	
			<time>	
			<host_name>	
	<vtcs_request>	<rtd_data>	<name>	
			<device_address>	
			<channel_id>	
			<device_type>	
			<status>	
			<owner_vtss>	
			<acs>	
		<vtss_data>	<name>	
		<mvc_data>	<volser>	
		<tvv_data>	<volser>	
		<function>		
		<process_id>		
		<parent_id>		

## CONFIG

**Table 6. CONFIG XML Tags**

Command/ Utility	Head Tag	Structure/Data Tags		
CONFIG	<configuration>	<header>	<vtcs_version>	
			<process_id>	
			<date>	
			<time>	
			<host_name>	
		<vtcs_data>	<global_mvcfree>	
			<global_maxvtv>	
			<global_vtvattr>	
			<reclaim_maxmvc>	
			<reclaim_start>	
			<reclaim_threshold>	
		<vtss_data>	<name>	
			<migrate_lamt>	
			<migrate_hamt>	
			<dismount_time>	
			<minimum_migrate_tasks>	
			<maximum_migrate_tasks>	
			<acs>	
			<cluster_data>	<name>
				<primary_name>
				<secondary_name>

**Table 6. CONFIG XML Tags**

<b>Command/ Utility</b>	<b>Head Tag</b>	<b>Structure/Data Tags</b>			
		<rtd_data>	<name>		
			<device_address>		
			<channel_id>		
		<host_data>	<name>		
			<migrates>		
			<reclaims>		
			<vtd_range>	<low>	
					<high>
		<clink_data>	<vtss_name>		
			<channel_id>		

## CONSOLID

**Table 7. CONSOLID XML Tags**

Command/ Utility	Head Tag	Structure/Data Tags		
CONSOLID	<consolidate_request>	<header>	<vtcs_version>	
			<process_id>	
			<date>	
			<time>	
			<host_name>	
		<consolidate_summary>	<vtv_data>	<volser>
				<reason>
		<migrate_process>	<vtss_data>	<name>
				<migrate_lamt>
				<migrate_hamt>
				<number_vtds>
				<number_rtds>
				<dismount_time>
				<minimum_migrate_tasks>
				<maximum_migrate_tasks>
				<active_migrate_tasks>
				<default_acs>
				<capacity_mb>
				<dbu>
				<number_vtv>
				<status>
				<accessible>
				<migrates>
				<reclaims>
				<auto_migrate_threshold>

**Table 7. CONSOLID XML Tags**

<b>Command/ Utility</b>	<b>Head Tag</b>	<b>Structure/Data Tags</b>
		<mvc_data>
		<volser>
		<vtv_count>
		<media>
		<percent_used>
		<percent_fragmented>
		<percent_available>
		<media_size>
		<times_mounted>
		<audit>
		<eject>
		<drain>
		<maxvtv>
		<export>
		<consolidated>
		<full>
		<usable>
		<initialised>
		<broken>
		<lost>
		<data_check>
		<read_only>
		<retired>
		<invalid_mir>
		<date_last_mounted>
		<time_last_mounted>
		<vtss_last_mounted>
		<acs>
		<storage_class>
		<consolidate_date>
		<consolidate_time>

**Table 7. CONSOLID XML Tags**

<b>Command/ Utility</b>	<b>Head Tag</b>	<b>Structure/Data Tags</b>		
		<vtv_data>	<volser>	
			<initialised>	
			<mounted>	
			<resident>	
			<scratch>	
			<fenced>	
			<duplexed>	
			<consolidated>	
			<migrated>	
			<replication>	
			<size_compressed>	
			<size_uncompressed>	
			<compress_percent>	
			<date_last_used>	
			<time_last_used>	
			<new_create>	
			<date_created>	
			<time_created>	
			<management_class>	
			<vtss_name>	
			<mvc_instance>	<volser>
				<block_id>
	<recall_process>	<vtss_data>	<name>	
			<migrate_lamt>	
			<migrate_hamt>	
			<number_vtds>	
			<number_rtds>	
			<dismount_time>	
			<minimum_migrate_tasks>	
			<maximum_migrate_tasks>	
			<active_migrate_tasks>	

**Table 7. CONSOLID XML Tags**

<b>Command/ Utility</b>	<b>Head Tag</b>	<b>Structure/Data Tags</b>			
				<default_acs>	
				<capacity_mb>	
				<dbu>	
				<number_vtv>	
				<status>	
				<accessible>	
				<migrates>	
				<reclaims>	
				<auto_migrate_threshold>	
		<mvc_data>		<volser>	
				<vtv_count>	
				<media>	
				<percent_used>	
				<percent_fragmented>	
				<percent_available>	
				<media_size>	
				<times_mounted>	
				<audit>	
				<eject>	
				<drain>	
				<maxvtv>	
				<export>	
				<consolidated>	
				<full>	
				<usable>	
				<initialised>	
				<broken>	
				<lost>	
				<data_check>	
				<read_only>	
				<retired>	

**Table 7. CONSOLID XML Tags**

<b>Command/ Utility</b>	<b>Head Tag</b>	<b>Structure/Data Tags</b>			
				<invalid_mir>	
				<date_last_mounted>	
				<time_last_mounted>	
				<vtss_last_mounted>	
				<acs>	
				<storage_class>	
				<consolidate_date>	
				<consolidate_time>	
		<vtv_data>		<volser>	
				<initialised>	
				<mounted>	
				<resident>	
				<scratch>	
				<fenced>	
				<duplexed>	
				<consolidated>	
				<migrated>	
				<replication>	
				<size_compressed>	
				<size_uncompressed>	
				<compress_percent>	
				<date_last_used>	
				<time_last_used>	
				<new_create>	
				<date_created>	
				<time_created>	
				<management_class>	
				<vtss_name>	
				<mvc_instance>	<volser>
					<block_id>
		<exceptions>	<reason>		



## DECOM

**Table 8. DECOM XML Tags**

Command/ Utility	Head Tag	Structure/Data Tags		
DECOM	<decompile>	<header>	<vtcs_version>	
			<process_id>	
			<date>	
			<time>	
			<host_name>	
		<vtcs_data>	<global_mvcfree>	
			<global_maxvtv>	
			<global_vtvattr>	
			<reclaim_maxmvc>	
			<reclaim_start>	
			<reclaim_threshold>	
		<vtvvvol>	<low>	
			<high>	
		<mvcvol>	<low>	
			<high>	
		<vtss_data>	<name>	
			<migrate_lamt>	
			<migrate_hamt>	
			<dismount_time>	
			<minimum_migrate_tasks>	
			<maximum_migrate_tasks>	
			<acs>	
			<cluster_data>	<name>
				<primary_name>
				<secondary_name>
			<rtd_data>	<name>
				<device_address>
				<channel1_id>

**Table 8. DECOM XML Tags**

<b>Command/ Utility</b>	<b>Head Tag</b>	<b>Structure/Data Tags</b>			
			<host_data>	<name>	
				<migrates>	
				<reclaims>	
				<vtd_range>	<low>
					<high>
			<clink_data>	<vtss_name>	
				<channel_id>	

## EXPORT

**Table 9. EXPORT XML Tags**

Command/ Utility	Head Tag	Structure/Data Tags					
EXPORT	<export_request>	<header>	<vtcs_version>				
			<date>				
			<time>				
			<host_name>				
	<mvc_report>	<header>	<vtcs_version>				
			<date>				
			<time>				
			<host_name>				
		<mvc_data>	<volser>				
			<vtv_count>				
			<media>				
			<percent_used>				
			<percent_fragmented>				
			<percent_available>				
			<media_size>				
			<times_mounted>				
			<audit>				
			<eject>				
			<drain>				
			<maxvtv>				
			<export>				
			<consolidated>				
			<full>				
			<usable>				
			<initialised>				
			<broken>				
			<lost>				

**Table 9. EXPORT XML Tags**

<b>Command/ Utility</b>	<b>Head Tag</b>	<b>Structure/Data Tags</b>					
				<data_check>			
				<read_only>			
				<retired>			
				<invalid_mir>			
				<date_last_mounted>			
				<time_last_mounted>			
				<vtss_last_mounted>			
				<acs>			
				<consolidate_date>			
				<consolidate_time>			
				<storage_class>			
				<mvc_inventory>	<vtv_data>	<volser>	
						<initialised>	
						<mounted>	
						<resident>	
						<scratch>	
						<fenced>	
						<duplexed>	
						<consolidated>	
						<migrated>	
						<replication>	
						<size_compressed>	
						<size_uncompressed>	
						<compress_percent>	

**Table 9. EXPORT XML Tags**

<b>Command/ Utility</b>	<b>Head Tag</b>	<b>Structure/Data Tags</b>						
							<date_last_used>	
							<time_last_used>	
							<new_create>	
							<date_created>	
							<time_created>	
							<management_class>	
							<vtss_name>	
							<mvc_instance>	<volser>
								<block_id>

## IMPORT

**Table 10. IMPORT XML Tags**

Command/ Utility	Head Tag	Structure/Data Tags					
IMPORT	<import_request>	<header>	<vtcs_version>				
			<date>				
			<time>				
			<host_name>				
		<mvc_report>	<header>	<vtcs_version>			
				<date>			
				<time>			
				<host_name>			
			<mvc_data>	<volser>			
				<vtv_count>			
				<media>			
				<percent_used>			
				<percent_fragmented>			
				<percent_available>			
				<media_size>			
				<times_mounted>			
				<audit>			
				<eject>			
				<drain>			
				<maxvtv>			
				<export>			
				<consolidated>			
				<full>			
				<usable>			
				<initialised>			

**Table 10. IMPORT XML Tags**

<b>Command/ Utility</b>	<b>Head Tag</b>	<b>Structure/Data Tags</b>					
				<broken>			
				<lost>			
				<data_check>			
				<read_only>			
				<retired>			
				<invalid_mir>			
				<date_last_mounted>			
				<time_last_mounted>			
				<vtss_last_mounted>			
				<acs>			
				<consolidate_date>			
				<consolidate_time>			
				<storage_class>			

**Table 10. IMPORT XML Tags**

<b>Command/ Utility</b>	<b>Head Tag</b>	<b>Structure/Data Tags</b>					
				<mvc_ inventory>	<vtv_data>	<volser>	
						<initialised>	
						<mounted>	
						<resident>	
						<scratch>	
						<fenced>	
						<duplexed>	
						<consolidated>	
						<migrated>	
						<replication>	
						<size_ compressed>	
						<size_ uncompressed>	
						<compress_ percent>	
						<date_last_ used>	
						<time_last_ used>	
						<new_create>	
						<date_created>	
						<time_created>	
						<management_ class>	
						<vtss_name>	
						<mvc_instance>	<volser>
							<block_id>

## MIGRATE

**Table 11. MIGRATE XML Tags**

Command/ Utility	Head Tag	Structure/Data Tags		
MIGRATE	<migrate_request>	<header>	<vtcs_version>	
			<process_id>	
			<date>	
			<time>	
			<host_name>	
	<migrate_summary>	<vtv_data>	<volser>	
			<reason>	
	<migrate_process>	<vtss_data>	<name>	
			<migrate_lamt>	
			<migrate_hamt>	
			<number_vtds>	
			<number_rtds>	
			<dismount_time>	
			<minimum_migrate_tasks>	
			<maximum_migrate_tasks>	
			<active_migrate_tasks>	
			<default_acs>	
			<capacity_mb>	
			<dbu>	
			<number_vtvs>	
			<status>	
			<accessible>	
			<migrates>	
			<reclaims>	
			<auto_migrate_threshold>	

**Table 11. MIGRATE XML Tags**

<b>Command/ Utility</b>	<b>Head Tag</b>	<b>Structure/Data Tags</b>		
		<mvc_data>	<volser>	
			<vtv_count>	
			<media>	
			<percent_used>	
			<percent_fragmented>	
			<percent_available>	
			<media_size>	
			<times_mounted>	
			<audit>	
			<eject>	
			<drain>	
			<maxvtv>	
			<export>	
			<consolidated>	
			<full>	
			<usable>	
			<initialised>	
			<broken>	
			<lost>	
			<data_check>	
			<read_only>	
			<retired>	
			<invalid_mir>	
			<date_last_mounted>	
			<time_last_mounted>	
			<vtss_last_mounted>	
			<acs>	
			<storage_class>	
			<consolidate_date>	
			<consolidate_time>	

**Table 11. MIGRATE XML Tags**

<b>Command/ Utility</b>	<b>Head Tag</b>	<b>Structure/Data Tags</b>		
		<vtv_data>	<volser>	
			<initialised>	
			<mounted>	
			<resident>	
			<scratch>	
			<fenced>	
			<duplexed>	
			<consolidated>	
			<migrated>	
			<replication>	
			<size_compressed>	
			<size_uncompressed>	
			<compress_percent>	
			<date_last_used>	
			<time_last_used>	
			<new_create>	
			<date_created>	
			<time_created>	
			<management_class>	
			<vtss_name>	
			<mvc_instance>	<volser>
				<block_id>
		<exceptions>	<reason>	

## MVCDRAIN

**Table 12. MVCDRAIN XML Tags**

Command/ Utility	Head Tag	Structure/Data Tags		
MVCDRAIN	<drain_request>	<header>	<vtcs_version>	
			<process_id>	
			<date>	
			<time>	
			<host_name>	
	<drain_summary>	<vtv_data>	<volser>	
			<reason>	
	<recall_process>	<vtss_data>	<name>	
			<migrate_lamt>	
			<migrate_hamt>	
			<number_vtds>	
			<number_rtds>	
			<dismount_time>	
			<minimum_migrate_tasks>	
			<maximum_migrate_tasks>	
			<active_migrate_tasks>	
			<default_acs>	
			<capacity_mb>	
			<dbu>	
			<number_vtvs>	
			<status>	
			<accessible>	
			<migrates>	
			<reclaims>	
			<auto_migrate_threshold>	

**Table 12. MVCDRAIN XML Tags**

<b>Command/ Utility</b>	<b>Head Tag</b>	<b>Structure/Data Tags</b>
		<mvc_data>
		<volser>
		<vtv_count>
		<media>
		<percent_used>
		<percent_fragmented>
		<percent_available>
		<media_size>
		<times_mounted>
		<audit>
		<eject>
		<drain>
		<maxvtv>
		<export>
		<consolidated>
		<full>
		<usable>
		<initialised>
		<broken>
		<lost>
		<data_check>
		<read_only>
		<retired>
		<invalid_mir>
		<date_last_mounted>
		<time_last_mounted>
		<vtss_last_mounted>
		<acs>
		<storage_class>
		<consolidate_date>
		<consolidate_time>

**Table 12. MVCDRAIN XML Tags**

<b>Command/ Utility</b>	<b>Head Tag</b>	<b>Structure/Data Tags</b>
		<vtv_data>
		<volser>
		<initialised>
		<mounted>
		<resident>
		<scratch>
		<fenced>
		<duplexed>
		<consolidated>
		<migrated>
		<replication>
		<size_compressed>
		<size_uncompressed>
		<compress_percent>
		<date_last_used>
		<time_last_used>
		<new_create>
		<date_created>
		<time_created>
		<management_class>
		<vtss_name>
		<mvc_instance>
		<volser>
		<block_id>

**Table 12. MVCDRAIN XML Tags**

<b>Command/ Utility</b>	<b>Head Tag</b>	<b>Structure/Data Tags</b>			
		<migrate_process>	<vtss_data>	<name>	
				<migrate_lamt>	
				<migrate_hamt>	
				<number_vtds>	
				<number_rtds>	
				<dismount_time>	
				<minimum_migrate_tasks>	
				<maximum_migrate_tasks>	
				<active_migrate_tasks>	
				<default_acs>	
				<capacity_mb>	
				<dbu>	
				<number_vtvs>	
				<status>	
				<accessible>	
				<migrates>	
				<reclaims>	
				<auto_migrate_threshold>	

**Table 12. MVCDRAIN XML Tags**

<b>Command/ Utility</b>	<b>Head Tag</b>	<b>Structure/Data Tags</b>
		<mvc_data>
		<volser>
		<vtv_count>
		<media>
		<percent_used>
		<percent_fragmented>
		<percent_available>
		<media_size>
		<times_mounted>
		<audit>
		<eject>
		<drain>
		<maxvtv>
		<export>
		<consolidated>
		<full>
		<usable>
		<initialised>
		<broken>
		<lost>
		<data_check>
		<read_only>
		<retired>
		<invalid_mir>
		<date_last_mounted>
		<time_last_mounted>
		<vtss_last_mounted>
		<acs>
		<storage_class>
		<consolidate_date>
		<consolidate_time>

**Table 12. MVCDRAIN XML Tags**

<b>Command/ Utility</b>	<b>Head Tag</b>	<b>Structure/Data Tags</b>		
		<vtv_data>	<volser>	
			<initialised>	
			<mounted>	
			<resident>	
			<scratch>	
			<fenced>	
			<duplexed>	
			<consolidated>	
			<migrated>	
			<replication>	
			<size_compressed>	
			<size_uncompressed>	
			<compress_percent>	
			<date_last_used>	
			<time_last_used>	
			<date_created>	
			<time_created>	
			<new_create>	
			<management_class>	
			<vtss_name>	
			<mvc_instance>	<volser>
				<block_id>
	<exceptions>	<reason>		

## MVCMAINT

**Table 13. MVCMAINT XML Tags**

Command/ Utility	Head Tag	Structure/Data Tags		
MVCMAINT	<mvcmaint_request>	<header>	<vtcs_version>	
			<date>	
			<time>	
			<host_name>	
	<mvc_report>	<header>	<vtcs_version>	
			<date>	
			<time>	
			<host_name>	
		<mvc_data>	<volser>	
			<vtv_count>	
			<media>	
			<percent_used>	
			<percent_fragmented>	
			<percent_available>	
			<media_size>	
			<times_mounted>	
			<audit>	
			<eject>	
			<drain>	
			<maxvtv>	
			<export>	
			<consolidated>	
			<full>	
			<usable>	
			<initialised>	
			<broken>	
			<lost>	
			<data_check>	
			<read_only>	
			<retired>	

**Table 13. MVCMAINT XML Tags**

<b>Command/ Utility</b>	<b>Head Tag</b>	<b>Structure/Data Tags</b>		
				<invalid_mir>
				<date_last_mounted>
				<time_last_mounted>
				<vtss_last_mounted>
				<acs>
				<consolidate_date>
				<consolidate_time>
				<storage_class>

## MVCPLRPT

**Table 14. MVCPLRPT XML Tags**

Command/ Utility	Head Tag	Structure/Data Tags				
MVCPLRPT	<mvcpool_report>	<header>	<vtcs_version>			
		<date>				
		<time>				
		<host_name>				
	<mvcpool_data>	<name>				
		<mvc_data>	<volser>			
			<vtv_count>			
			<media>			
			<percent_used>			
			<percent_fragmented>			
			<percent_available>			
			<media_size>			
			<times_mounted>			
			<audit>			
			<eject>			
			<drain>			
			<maxvtv>			
			<export>			
			<consolidated>			
			<full>			
			<usable>			
			<initialised>			
			<broken>			
			<lost>			
			<data_check>			
			<read_only>			
			<retired>			
			<invalid_mir>			

**Table 14. MVCPLRPT XML Tags**

<b>Command/ Utility</b>	<b>Head Tag</b>	<b>Structure/Data Tags</b>			
				<date_last_mounted>	
				<time_last_mounted>	
				<vtss_last_mounted>	
				<acs>	
				<storage_class>	
				<consolidate_date>	
				<consolidate_time>	
		<query_mvcpool>	<header>	<vtcs_version>	
				<process_id>	
				<date>	
				<time>	
				<host_name>	
			<mvcpool_counts>	<name>	
				<acs_mvc_counts>	<acs>
					<media_mvc_counts>

## MVCRPT

**Table 15. MVCRPT XML Tags**

Command/ Utility	Head Tag	Structure/Data Tags			
MVCRPT	<mvc_report>	<header>	<vtcs_version>		
			<date>		
			<time>		
			<host_name>		
		<mvc_data>	<volser>		
			<vtv_count>		
			<media>		
			<percent_used>		
			<percent_fragmented>		
			<percent_available>		
			<media_size>		
			<times_mounted>		
			<audit>		
			<eject>		
			<drain>		
			<maxvtv>		
			<export>		
			<consolidated>		
			<full>		
			<usable>		
			<initialised>		
			<broken>		
			<lost>		
			<data_check>		
			<read_only>		
			<retired>		
			<invalid_mir>		
			<date_last_mounted>		
			<time_last_mounted>		
			<vtss_last_mounted>		

**Table 15. MVRPT XML Tags**

<b>Command/ Utility</b>	<b>Head Tag</b>	<b>Structure/Data Tags</b>			
		<acs>			
		<consolidate_date>			
		<consolidate_time>			
		<storage_class>			
		<mvc_inventory>	<vtv_data>	<volser>	
				<initialised>	
				<mounted>	
				<resident>	
				<scratch>	
				<fenced>	
				<duplexed>	
				<consolidated>	
				<migrated>	
				<replication>	
				<size_compressed>	
				<size_uncompressed>	
				<compress_percent>	
				<date_last_used>	
				<time_last_used>	
				<new_create>	
				<date_created>	
				<time_created>	
				<management_class>	
				<vtss_name>	
				<mvc_instance>	<volser>
					<block_id>

## QUERY/DISPLAY ACTIVE

**Table 16. QUERY/DISPLAY ACTIVE XML Tags**

Command/ Utility	Head Tag	Structure/Data Tags		
QUERY/ DISPLAY ACTIVE	<query_active>	<header>	<vtcs_version>	
			<process_id>	
			<date>	
			<time>	
			<host_name>	
		<vtcs_request>	<rtd_data>	<name>
				<device_address>
				<channel_id>
				<device_type>
				<status>
				<owner_vtss>
				<acs>
			<vtss_data>	<name>
			<mvc_data>	<volser>
			<vtv_data>	<volser>
			<function>	
			<process_id>	
			<parent_id>	

## QUERY/DISPLAY CLINK

**Table 17. QUERY/DISPLAY CLINK XML Tags**

Command/ Utility	Head Tag	Structure/Data Tags		
QUERY/ DISPLAY CLINK	<query_clink>	<header>	<vtcs_version>	
			<process_id>	
			<date>	
			<time>	
			<host_name>	
	<clink_data>	<vtss_name>		
		<clink_id>		
		<channel_id>		
		<status>		
		<usage>		
		<host_name>		

## QUERY/DISPLAY CLUSTER

**Table 18. QUERY/DISPLAY CLUSTER XML Tags**

Command/ Utility	Head Tag	Structure/Data Tags		
QUERY/ DISPLAY CLUSTER	<query_cluster>	<header>	<vtcs_version>	
			<process_id>	
			<date>	
			<time>	
			<host_name>	
	<cluster_data>	<name>		
		<mode>		
		<primary_name>		
		<primary_state>		
		<secondary_name>		
		<secondary_state>		
		<primary_vtss>	<vtss_data>	<name>
				<migrate_lamt>
				<migrate_hamt>
				<number_vtds>
				<number_rtds>
				<dismount_time>
				<minimum_migrate_tasks>
				<maximum_migrate_tasks>
				<active_migrate_tasks>
				<default_acs>
				<capacity_mb>
				<dbu>
				<number_vtv>
				<status>

**Table 18. QUERY/DISPLAY CLUSTER XML Tags**

<b>Command/ Utility</b>	<b>Head Tag</b>	<b>Structure/Data Tags</b>			
					<accessible>
					<migrates>
					<reclaims>
					<auto_migrate_ threshold>
			<secondary_vtss>	<vtss_data>	<name>
					<migrate_lamt>
					<migrate_hamt>
					<number_vtds>
					<number_rtds>
					<dismount_time>
					<minimum_migrate_ tasks>
					<maximum_migrate_ tasks>
					<active_migrate_ tasks>
					<default_acs>
					<capacity_mb>
					<dbu>
					<number_vtv>
					<status>
					<accessible>
					<migrates>
					<reclaims>
					<auto_migrate_ threshold>

## QUERY/DISPLAY CONFIG

**Table 19. QUERY/DISPLAY CONFIG XML Tags**

Command/ Utility	Head Tag	Structure/Data Tags		
QUERY/ DISPLAY CONFIG	<query_config>	<header>	<vtcs_version>	
			<process_id>	
			<date>	
			<time>	
			<host_name>	
	<vtcs_data>	<host_id>		
			<vtss_> subsystems	
			<global_mvcfree>	
			<global_maxvtv>	
			<global_vtvattr>	
			<global_recall_> with_error	
			<reclaim_maxmvc>	
			<reclaim_start>	
			<reclaim_> commvc	
			<reclaim_> threshold	
	<vtss_data>	<name>		
			<migrate_lamt>	
			<migrate_hamt>	
			<number_vtds>	
			<number_rtdd>	
			<dismount_time>	
			<minimum_> migrate_tasks	
			<maximum_> migrate_tasks	

**Table 19. QUERY/DISPLAY CONFIG XML Tags**

<b>Command/ Utility</b>	<b>Head Tag</b>	<b>Structure/Data Tags</b>		
		<active_migrate_tasks>		
		<default_acs>		
		<capacity_mb>		
		<dbu>		
		<number_vtvs>		
		<status>		
		<accessible>		
		<migrates>		
		<reclaims>		
		<auto_migrate_threshold>		
	<rtd_data>	<name>		
		<device_address>		
		<channel_id>		
		<device_type>		
		<status>		
		<owner_vtss>		
		<acs>		

## QUERY/DISPLAY LOCKS

**Table 20. QUERY/DISPLAY LOCKS XML Tags**

Command/ Utility	Head Tag	Structure/Data Tags		
QUERY/ DISPLAY LOCKS	<query_locks>	<header>	<vtcs_version>	
			<process_id>	
			<date>	
			<time>	
			<host_name>	
	<lock_data>	<host_name>		
			<task_number>	
			<task_type>	
			<vtd_data>	<device_ address>
			<mvc_data>	<volser>
			<vtv_data>	<volser>
			<waiting_host>	
			<waiting_task>	

## QUERY/DISPLAY MIGRATE

**Table 21. QUERY/DISPLAY MIGRATE XML Tags**

Command/ Utility	Head Tag	Structure/Data Tags		
QUERY/ DISPLAY MIGRATE	<query_migrate>	<header>	<vtcs_version>	
			<process_id>	
			<date>	
			<time>	
			<host_name>	
	<vtss_data>	<name>		
			<migrate_lamt>	
			<migrate_hamt>	
			<number_vtds>	
			<number_rtds>	
			<dismount_time>	
			<minimum_ migrate_tasks>	
			<maximum_ migrate_tasks>	
			<active_ migrate_tasks>	
			<default_acs>	
			<capacity_mb>	
			<dbu>	
			<number_vtvs>	
			<status>	
			<accessible>	
			<migrates>	
			<reclaims>	
			<auto_migrate_ threshold>	

## QUERY/DISPLAY MVC

**Table 22. QUERY/DISPLAY MVC XML Tags**

Command/ Utility	Head Tag	Structure/Data Tags		
QUERY/ DISPLAY MVC	<query_mvc>	<header>	<vtcs_version>	
			<process_id>	
			<date>	
			<time>	
			<host_name>	
	<mvc_data>	<volser>		
		<vtv_count>		
		<media>		
		<percent_used>		
		<percent_fragmented>		
		<percent_available>		
		<media_size>		
		<times_mounted>		
		<audit>		
		<eject>		
		<drain>		
		<maxvtv>		
		<export>		
		<consolidated>		
		<full>		
		<usable>		
		<initialised>		
		<broken>		
		<lost>		
		<data_check>		
		<read_only>		
		<retired>		

**Table 22. QUERY/DISPLAY MVC XML Tags**

<b>Command/ Utility</b>	<b>Head Tag</b>	<b>Structure/Data Tags</b>			
		<invalid_mir>			
		<date_last_ mounted>			
		<time_last_ mounted>			
		<vtss_last_ mounted>			
		<acs>			
		<storage_class>			
		<consolidate_ date>			
		<consolidate_ time>			

## QUERY/DISPLAY MVCPOOL

**Table 23. QUERY/DISPLAY MVCPOOL XML Tags**

Command/ Utility	Head Tag	Structure/Data Tags			
QUERY/ DISPLAY MVCPOOL	<query_mvcpool>	<header>	<vtcs_version>		
			<process_id>		
			<date>		
			<time>		
			<host_name>		
	<mvcpool_counts>	<name>			
		<acs_mvc_counts>	<acs>		
			<media_mvc_> counts>	<media>	
					<free_volumes>
					<free_size>
					<reclaim_volumes>
					<reclaim_size>
					<used_volumes>
					<used_size>

## QUERY/DISPLAY QUEUE

**Table 24. QUERY/DISPLAY QUEUE XML Tags**

Command/ Utility	Head Tag	Structure/Data Tags			
QUERY/ DISPLAY QUEUE	<query_queued>	<header>	<vtcs_version>		
			<process_id>		
			<date>		
			<time>		
			<host_name>		
	<vtcs_request>	<rtd_data>	<name>		
			<device_address>		
			<channel_id>		
			<device_type>		
			<status>		
			<owner_vtss>		
			<acs>		
		<vtss_data>	<name>		
		<mvc_data>	<volser>		
		<tv_data>	<volser>		
		<function>			
		<process_id>			
		<parent_id>			
		<reason>			

## QUERY/DISPLAY RTD

**Table 25. QUERY/DISPLAY RTD XML Tags**

Command/ Utility	Head Tag	Structure/Data Tags			
QUERY/ DISPLAY RTD	<query_rtd>	<header>	<vtcs_version>		
			<process_id>		
			<date>		
			<time>		
			<host_name>		
	<rtd_data>	<name>			
		<device_address>			
		<channel_id>			
		<device_type>			
		<status>			
		<volser>			
		<owner_vtss>			
		<acs>			

## QUERY/DISPLAY REPLICATE

**Table 26. QUERY/DISPLAY REPLICATE XML Tags**

Command/ Utility	Head Tag	Structure/Data Tags		
QUERY/ DISPLAY REPLICATE	<query_ replicate>	<header>	<vtcs_version>	
			<process_id>	
			<date>	
			<time>	
			<host_name>	
		<replication_ data>	<vtss_name>	
			<host_replicate _queues>	<host_name>
				<replicate_ qdepth>
				<replicate_ oldest>
				<replicate_ frequency>
				<replicate_ skip>
				<replicate_ difference>

## QUERY/DISPLAY SCRATCH

**Table 27. QUERY/DISPLAY SCRATCH XML Tags**

Command/ Utility	Head Tag	Structure/Data Tags			
QUERY/ DISPLAY SCRATCH	<query_scratch>	<header>	<vtcs_version>		
			<process_id>		
			<date>		
			<time>		
			<host_name>		
		<scratch_data>	<subpool_name>		
			<scratch_count>		

## QUERY/DISPLAY TASKS

**Table 28. QUERY/DISPLAY TASKS XML Tags**

Command/ Utility	Head Tag	Structure/Data Tags			
QUERY/ DISPLAY TASKS	<query_tasks>	<header>	<vtcs_version>		
			<process_id>		
			<date>		
			<time>		
			<host_name>		
	<task_data>	<task_number>			
		<task_type>			
		<vtcs_request>	<rtd_data>	<name>	
				<device_address>	
				<channel_id>	
				<device_type>	
				<status>	
				<owner_vtss>	
				<acs>	
		<vtss_data>	<name>		
			<mvc_data>	<volser>	
			<vtv_data>	<volser>	
			<function>		
			<process_id>		
			<parent_id>		

## QUERY/DISPLAY VTD

**Table 29. QUERY/DISPLAY VTD XML Tags**

Command/ Utility	Head Tag	Structure/Data Tags			
QUERY/ DISPLAY VTD	<query_vtd>	<header>	<vtcs_version>		
			<process_id>		
			<date>		
			<time>		
			<host_name>		
	<vtd_data>		<device_address>		
			<vtss_name>		
			<volser>		
			<status>		

## QUERY/DISPLAY VTSS

**Table 30. QUERY/DISPLAY VTSS XML Tags**

Command/ Utility	Head Tag	Structure/Data Tags		
QUERY/ DISPLAY VTSS	<query_vtss>	<header>	<vtcs_version>	
			<process_id>	
			<date>	
			<time>	
			<host_name>	
	<vtss_data>	<name>		
			<migrate_lamt>	
			<migrate_hamt>	
			<number_vtds>	
			<number_rtds>	
			<dismount_time>	
			<minimum_ migrate_tasks>	
			<maximum_ migrate_tasks>	
			<active_ migrate_tasks>	
			<default_acs>	
			<capacity_mb>	
			<dbu>	
			<number_vtv>	
			<status>	
			<accessible>	
			<migrates>	
			<reclaims>	
			<auto_migrate_ threshold>	

## QUERY/DISPLAY VTV

**Table 31. QUERY/DISPLAY VTV XML Tags**

Command/ Utility	Head Tag	Structure/Data Tags		
QUERY/ DISPLAY VTV	<query_vtv>	<header>	<vtcs_version>	
			<process_id>	
			<date>	
			<time>	
			<host_name>	
	<vtv_data>	<volser>		
			<initialised>	
			<mounted>	
			<resident>	
			<scratch>	
			<fenced>	
			<duplexed>	
			<consolidated>	
			<migrated>	
			<replication>	
			<size_compressed>	
			<size_uncompressed>	
			<compress_percent>	
			<date_last_used>	
			<time_last_used>	
			<new_create>	
			<date_created>	
			<time_created>	
			<management_class>	
			<vtss_name>	

**Table 31. QUERY/DISPLAY VTV XML Tags**

Command/ Utility	Head Tag	Structure/Data Tags			
			<mvc_instance>	<volser>	
				<block_id>	

## RECALL

**Table 32.** RECALL XML Tags

Command/ Utility	Head Tag	Structure/Data Tags		
RECALL	<recall_request>	<header>	<vtcs_version>	
			<process_id>	
			<date>	
			<time>	
			<host_name>	
	<recall_summary>	<vtv_data>	<volser>	
			<reason>	
	<recall_process>	<vtss_data>	<name>	
			<migrate_lamt>	
			<migrate_hamt>	
			<number_vtds>	
			<number_rtds>	
			<dismount_time>	
			<minimum_migrate_tasks>	
			<maximum_migrate_tasks>	
			<active_migrate_tasks>	
			<default_acs>	
			<capacity_mb>	
			<dbu>	
			<number_vtvs>	
			<status>	
			<accessible>	
			<migrates>	
			<reclaims>	
			<auto_migrate_threshold>	

**Table 32. RECALL XML Tags**

<b>Command/ Utility</b>	<b>Head Tag</b>	<b>Structure/Data Tags</b>
		<mvc_data>
		<volser>
		<vtv_count>
		<media>
		<percent_used>
		<percent_fragmented>
		<percent_available>
		<media_size>
		<times_mounted>
		<audit>
		<eject>
		<drain>
		<maxvtv>
		<export>
		<consolidated>
		<full>
		<usable>
		<initialised>
		<broken>
		<lost>
		<data_check>
		<read_only>
		<retired>
		<invalid_mir>
		<date_last_mounted>
		<time_last_mounted>
		<vtss_last_mounted>
		<acs>
		<storage_class>
		<consolidate_date>
		<consolidate_time>

**Table 32. RECALL XML Tags**

<b>Command/ Utility</b>	<b>Head Tag</b>	<b>Structure/Data Tags</b>		
		<vtv_data>	<volser>	
			<initialised>	
			<mounted>	
			<resident>	
			<scratch>	
			<fenced>	
			<duplexed>	
			<consolidated>	
			<migrated>	
			<replication>	
			<size_compressed>	
			<size_uncompressed>	
			<compress_percent>	
			<date_last_used>	
			<time_last_used>	
			<new_create>	
			<date_created>	
			<time_created>	
			<management_class>	
			<vtss_name>	
			<mvc_instance>	<volser>
				<block_id>
	<exceptions>	<reason>		

## RECLAIM

**Table 33.** RECLAIM XML Tags

Command/ Utility	Head Tag	Structure/Data Tags		
RECLAIM	<reclaim_request>	<header>	<vtcs_version>	
			<process_id>	
			<date>	
			<time>	
			<host_name>	
	<reclaim_summary>	<mvc_data>	<volser>	
			<reason>	
	<recall_process>	<vtss_data>	<name>	
			<migrate_lamt>	
			<migrate_hamt>	
			<number_vtds>	
			<number_rtds>	
			<dismount_time>	
			<minimum_migrate_tasks>	
			<maximum_migrate_tasks>	
			<active_migrate_tasks>	
			<default_acs>	
			<capacity_mb>	
			<dbu>	
			<number_vtv>	
			<status>	
			<accessible>	
			<migrates>	
			<reclaims>	
			<auto_migrate_threshold>	

**Table 33. RECLAIM XML Tags**

<b>Command/ Utility</b>	<b>Head Tag</b>	<b>Structure/Data Tags</b>		
		<mvc_data>	<volser>	
			<vtv_count>	
			<media>	
			<percent_used>	
			<percent_fragmented>	
			<percent_available>	
			<media_size>	
			<times_mounted>	
			<audit>	
			<eject>	
			<drain>	
			<maxvtv>	
			<export>	
			<consolidated>	
			<full>	
			<usable>	
			<initialised>	
			<broken>	
			<lost>	
			<data_check>	
			<read_only>	
			<retired>	
			<invalid_mir>	
			<date_last_mounted>	
			<time_last_mounted>	
			<vtss_last_mounted>	
			<acs>	
			<storage_class>	
			<consolidate_date>	
			<consolidate_time>	

**Table 33. RECLAIM XML Tags**

<b>Command/ Utility</b>	<b>Head Tag</b>	<b>Structure/Data Tags</b>
		<vtv_data>
		<volser>
		<initialised>
		<mounted>
		<resident>
		<scratch>
		<fenced>
		<duplexed>
		<consolidated>
		<migrated>
		<replication>
		<size_compressed>
		<size_uncompressed>
		<compress_percent>
		<date_last_used>
		<time_last_used>
		<new_create>
		<date_created>
		<time_created>
		<management_class>
		<vtss_name>
		<mvc_instance>
		<volser>
		<block_id>

**Table 33. RECLAIM XML Tags**

<b>Command/ Utility</b>	<b>Head Tag</b>	<b>Structure/Data Tags</b>			
		<migrate_process>	<vtss_data>	<name>	
				<migrate_lamt>	
				<migrate_hamt>	
				<number_vtds>	
				<number_rtds>	
				<dismount_time>	
				<minimum_migrate_tasks>	
				<maximum_migrate_tasks>	
				<active_migrate_tasks>	
				<default_acs>	
				<capacity_mb>	
				<dbu>	
				<number_vtv>	
				<status>	
				<accessible>	
				<migrates>	
				<reclaims>	
				<auto_migrate_threshold>	

**Table 33. RECLAIM XML Tags**

<b>Command/ Utility</b>	<b>Head Tag</b>	<b>Structure/Data Tags</b>
		<mvc_data>
		<volser>
		<vtv_count>
		<media>
		<percent_used>
		<percent_fragmented>
		<percent_available>
		<media_size>
		<times_mounted>
		<audit>
		<eject>
		<drain>
		<maxvtv>
		<export>
		<consolidated>
		<full>
		<usable>
		<initialised>
		<broken>
		<lost>
		<data_check>
		<read_only>
		<retired>
		<invalid_mir>
		<date_last_mounted>
		<time_last_mounted>
		<vtss_last_mounted>
		<acs>
		<storage_class>
		<consolidate_date>
		<consolidate_time>

**Table 33. RECLAIM XML Tags**

<b>Command/ Utility</b>	<b>Head Tag</b>	<b>Structure/Data Tags</b>		
		<vtv_data>	<volser>	
			<initialised>	
			<mounted>	
			<resident>	
			<scratch>	
			<fenced>	
			<duplexed>	
			<consolidated>	
			<migrated>	
			<replication>	
			<size_compressed>	
			<size_uncompressed>	
			<compress_percent>	
			<date_last_used>	
			<time_last_used>	
			<new_create>	
			<date_created>	
			<time_created>	
			<management_class>	
			<vtss_name>	
			<mvc_instance>	<volser>
				<block_id>
	<exceptions>	<reason>		

## SET MIGOPT

**Table 34. SET MIGOPT XML Tags**

Command/ Utility	Head Tag	Structure/Data Tags	
SET MIGOPT	<set_migopt_request>	<header>	<vtcs_version>
			<process_id>
			<date>
			<time>
			<host_name>
	<vtss_data>	<name>	
		<migrate_lamt>	
		<migrate_hamt>	
		<number_vtds>	
		<number_rtds>	
		<dismount_time>	
		<minimum_migrate_tasks>	
		<maximum_migrate_tasks>	
		<active_migrate_tasks>	
		<default_acs>	
		<capacity_mb>	
		<dbu>	
		<number_vtvs>	
		<status>	
		<accessible>	
		<migrates>	
		<reclaims>	
		<auto_migrate_threshold>	

## TRACE

**Table 35.** TRACE XML Tags

Command/Utility	Head Tag	Structure/Data Tags	
TRACE	<trace_request>	<header>	<vtcs_version>
			<process_id>
			<date>
			<time>
			<host_name>
		<trace>	

## VARY CLINK

**Table 36. VARY CLINK XML Tags**

Command/Utility	Head Tag	Structure/Data Tags	
VARY CLINK	<vary_clink>	<header>	<vtcs_version>
			<process_id>
			<date>
			<time>
			<host_name>
		<clink_data>	<vtss_name>
			<clink_id>
			<status>
			<usage>
			<host_name>

## VARY RTD

**Table 37.** VARY RTD XML Tags

Command/Utility	Head Tag	Structure/Data Tags	
VARY RTD	<vary_rtd>	<header>	<vtcs_version>
			<process_id>
			<date>
			<time>
			<host_name>
	<rtd_data>	<name>	
		<device_address>	
		<channel_id>	
		<device_type>	
		<status>	
		<owner_vtss>	
		<acs>	

## VARY VTSS

**Table 38.** VARY VTSS XML Tags

Command/ Utility	Head Tag	Structure/Data Tags	
VARY VTSS	<vary_vtss>	<header>	<vtcs_version>
			<process_id>
			<date>
			<time>
			<host_name>
		<vtss_data>	<name>
			<migrate_lamt>
			<migrate_hamt>
			<number_vtds>
			<number_rtds>
			<dismount_time>
			<minimum_migrate_tasks>
			<maximum_migrate_tasks>
			<active_migrate_tasks>
			<default_acs>
			<capacity_mb>
			<dbu>
			<number_vtv>
			<status>
			<accessible>
			<migrates>
			<reclaims>
			<auto_migrate_threshold>

## VTVMAINT

**Table 39. VTVMAINT XML Tags**

Command/ Utility	Head Tag	Structure/Data Tags		
VTVMAINT	<vtvmaint_request>	<header>	<vtcs_version>	
		<date>		
		<time>		
		<host_name>		
	<vtv_report>	<header>	<vtcs_version>	
			<date>	
			<time>	
			<host_name>	
		<vtv_data>	<volser>	
			<initialised>	
			<mounted>	
			<resident>	
			<scratch>	
			<fenced>	
			<duplexed>	
			<consolidated>	
			<migrated>	
			<replication>	
			<size_compressed>	
			<size_uncompressed>	
			<compress_percent>	
			<date_last_used>	
			<time_last_used>	
			<new_create>	
			<date_created>	
			<time_created>	
			<management_class>	
			<vtss_name>	
			<mvc_instance>	<volser>
				<block_id>

## VTVRPT

**Table 40. VTVRPT XML Tags**

Command/ Utility	Parameter	Head Tag	Structure/Data Tags		
VTVRPT		<vtv_report>	<header>	<vtcs_version>	
				<date>	
				<time>	
				<host_name>	
		<vtv_data>	<volser>		
				<initialised>	
				<mounted>	
				<resident>	
				<scratch>	
				<fenced>	
				<duplexed>	
				<consolidated>	
				<migrated>	
				<replication>	
				<size_compressed>	
				<size_uncompressed>	
				<compress_percent>	
				<date_last_used>	
				<time_last_used>	
				<new_create>	
				<date_created>	
				<time_created>	
				<management_class>	
				<vtss_name>	
				<mvc_instance>	<volser>
					<block_id>

