



Virtual Software Systems Inc.

VTAPE



VTAPE Product Summary

- 1 Customer Benefits
- 2 System Requirements
- ✓ 3 Installation
- 4 Product Configuration and Specs
- 5 Commands
- 6 Product Licensing
- 7 About us



VTAPE

VTAPE (Virtual Tape) is an implementation of a virtual tape drive via IBM CP hooks and VSSI CP code.

1 All defined VTAPE drives seen as real devices by guest machines

2 Implements database technology which intercepts tape control and I/O commands and reads/writes tape block to the database.

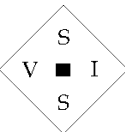
3 Is transparent to guest virtual machines

VTAPE Product Summary

Customer Benefits

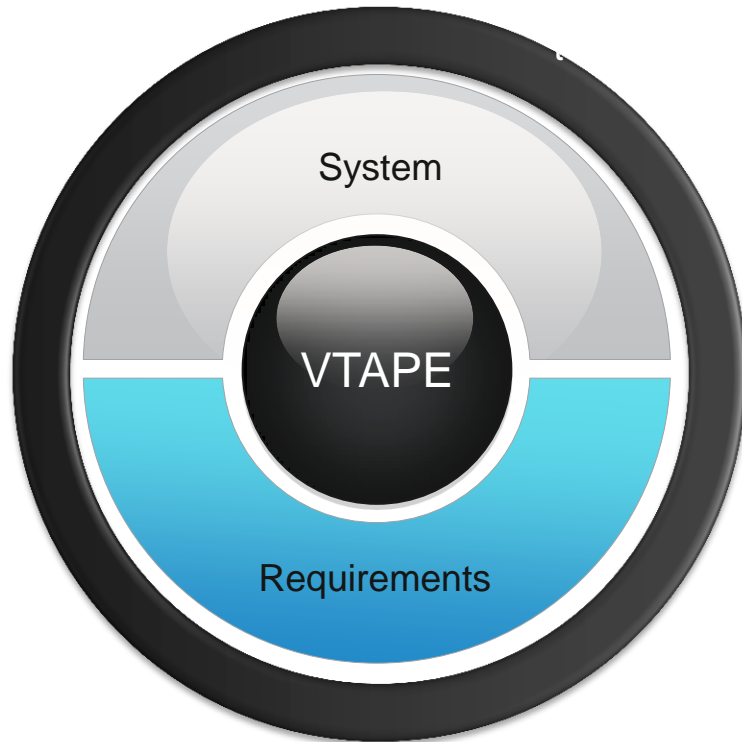


- Users can define many more virtual drives than existing real devices (i.e., hardware acquisition avoidance).
- Tape mounts satisfied without operator intervention.
- Virtual machines can backup/restore tape data faster than with real devices (e.g., rewind, FSF, BSF don't require waiting for real media).
- No costly JCL conversion required in z/OS, z/VSE environments.
- Disaster Recovery accomplished for entire tape library via VSSI backup/restore utilities (VTBKUP, VTREST).

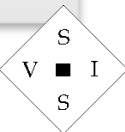


VTAPE Product Summary

System Requirements

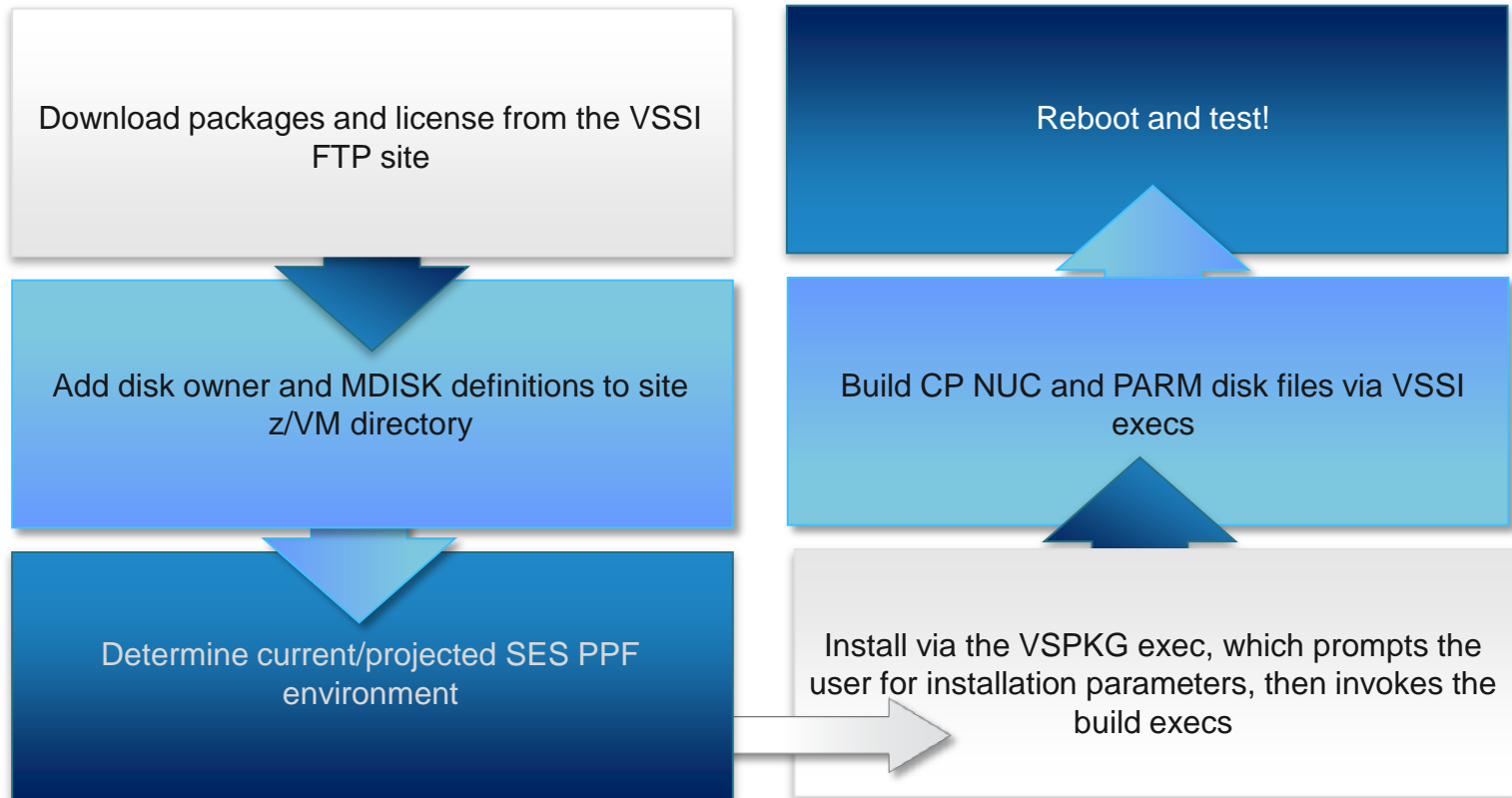


- Z/VM 5.4 (at RSU \geq 1101), 6.2, or 6.3
- 100 3390 Cyls or equivalent for Install disk
- 10 3390 Cyls or equivalent VSSI CP PARM disk
- Sufficient disk storage to hold virtual tape libraries (ECKD or FBA)



VTAPE Product Summary

Installation



VTAPE Product Summary

Product Configuration and Specifications

Product Configuration

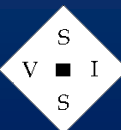
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- **Build VTAPE Configuration Files**
- **Issue VTINIT command to initialize configuration**
- **Format VTAPE library disks**
- **Bring libraries online via VSSI CP commands**
- **Test configuration**

Product Configurations Specs

2

- Each VTAPE library is open in WRITE mode to only 1 system image at a time
- Multiple libraries can be open in WRITE mode on a single image
- Up to 24 libraries can be generated; library prefix is A-Z, or 0-9. Each library consists of from 1 to 256 minidisks.
- Libraries can be shared across system images (R/W to a single image, R/O to subsequent images)
- Tape library usage permissions (R/W, R/O, etc) can be assigned to the user population by user name prefix or CP directory class (default permissions apply to all unless overridden via prefix or class)



VTAPE Product Summary

Sample Initialization Commands

- VTINIT

Initializes VTAPE environment at boot time

- VTOPEN

Opens a VTAPE library for processing

- VTCLOSE

Closes (releases) a VTAPE library from the system

- VTADD

Adds minidisks to a VTAPE library



VTAPE Product Summary

Sample User Commands

- VTDEFINE

Defines a virtual tape drive

- VTMOUNT

Mounts an existing, scratch, or dummy volume on a virtual tape device

- VTQUERY

Displays tape drive, virtual media, and user status

- VTREW

Rewinds a virtual tape to load point

- VTRUN

Rewinds and unloads a virtual tape

- VTSCRATCH

Scratches a virtual tape

- COPYTAPE

Copies a single tape to another tape (real and/or virtual media)



VTAPE Product Summary

Sample Initialization Commands

- VTBKUP

Backup a VTAPE library to real media

- VTREST

Restore a VTAPE library from real media

- VTRPT1

Generates a VTAPE scratch list

- VTRPT2-6

Miscellaneous report generation programs

- VTSCR1

Scratches tapes contained in the data file created via VTRPT1



VTAPE Product Summary

Product Licensing

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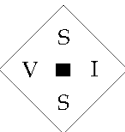
VTAPE yearly licensing cost based on real machine MSU rating

2

Price list available at www.vsoftsys.com. 60-day Trial Licensing available (no cost)

3

License key generated at VSSI for each customer and made available for download from VSSI FTP site <ftp.vsoftsys.com>

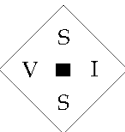


VTAPE Product Summary

About us



- Established in 1981
- Located in Gainesville GA (USA)
- Customer base is typically Fortune 100 (including IBM)
- Established solid reputation for product support
- Support cost included in yearly license cost
- Support requests handled via toll –free (855-411-VSSI), local number (770-781-3200), and email (support@vsoftsys.com)





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