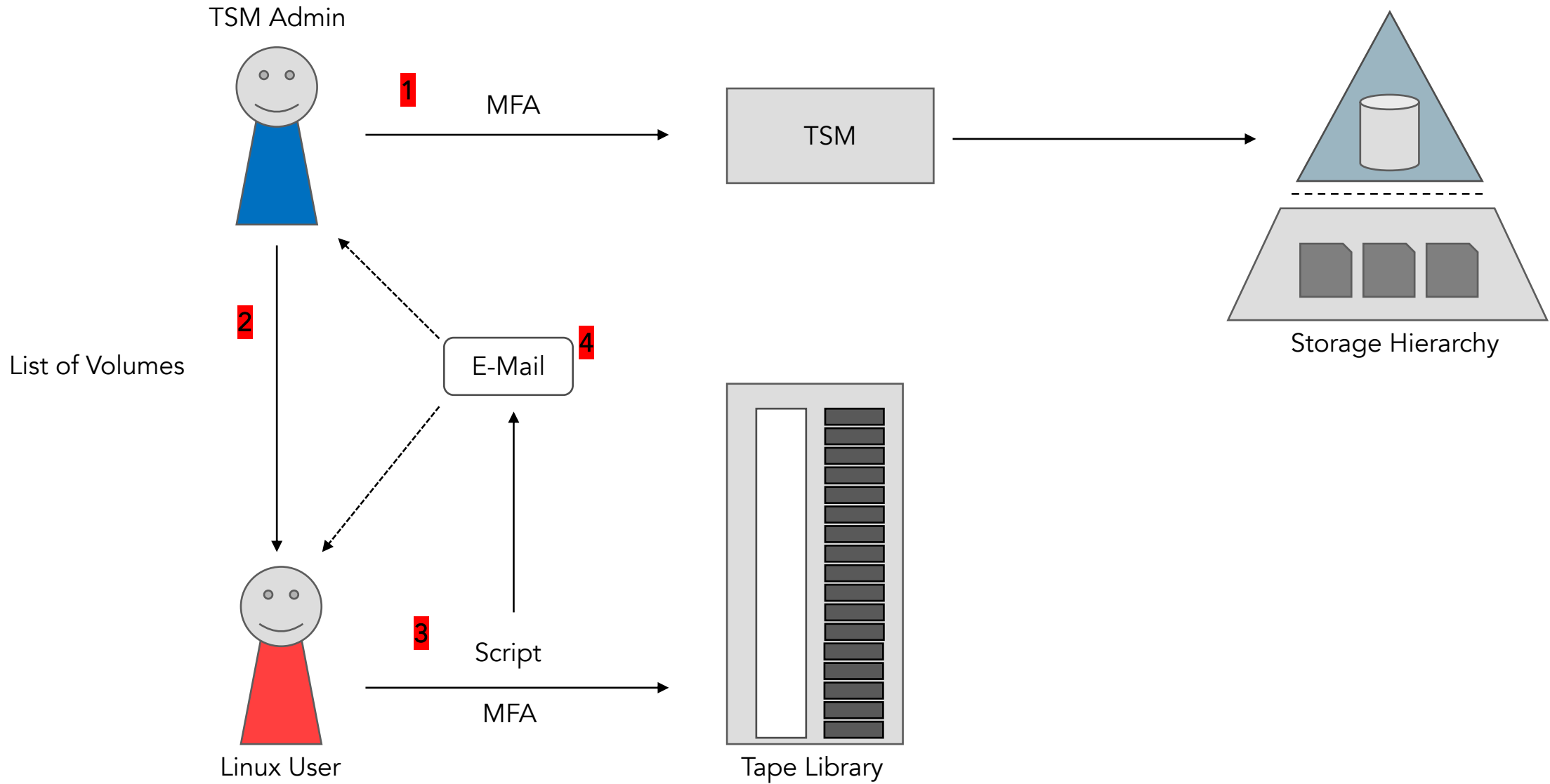# Safe Guarded Tape

by eXstor

eXstor

- Our new tape tools will be available in 4Q/2023

- The tools will give you features for a more convenient handling of tape libraries and cartridges

- They are installed on a VM with IP connectivity to the libraries and your TSM instances

- Only Linux will be supported in the first step (SLES, RHEL and Ubuntu)

- Supported libraries with Version 1.2 are IBM TS3500, TS4300 (new!), TS4500 and Diamondback
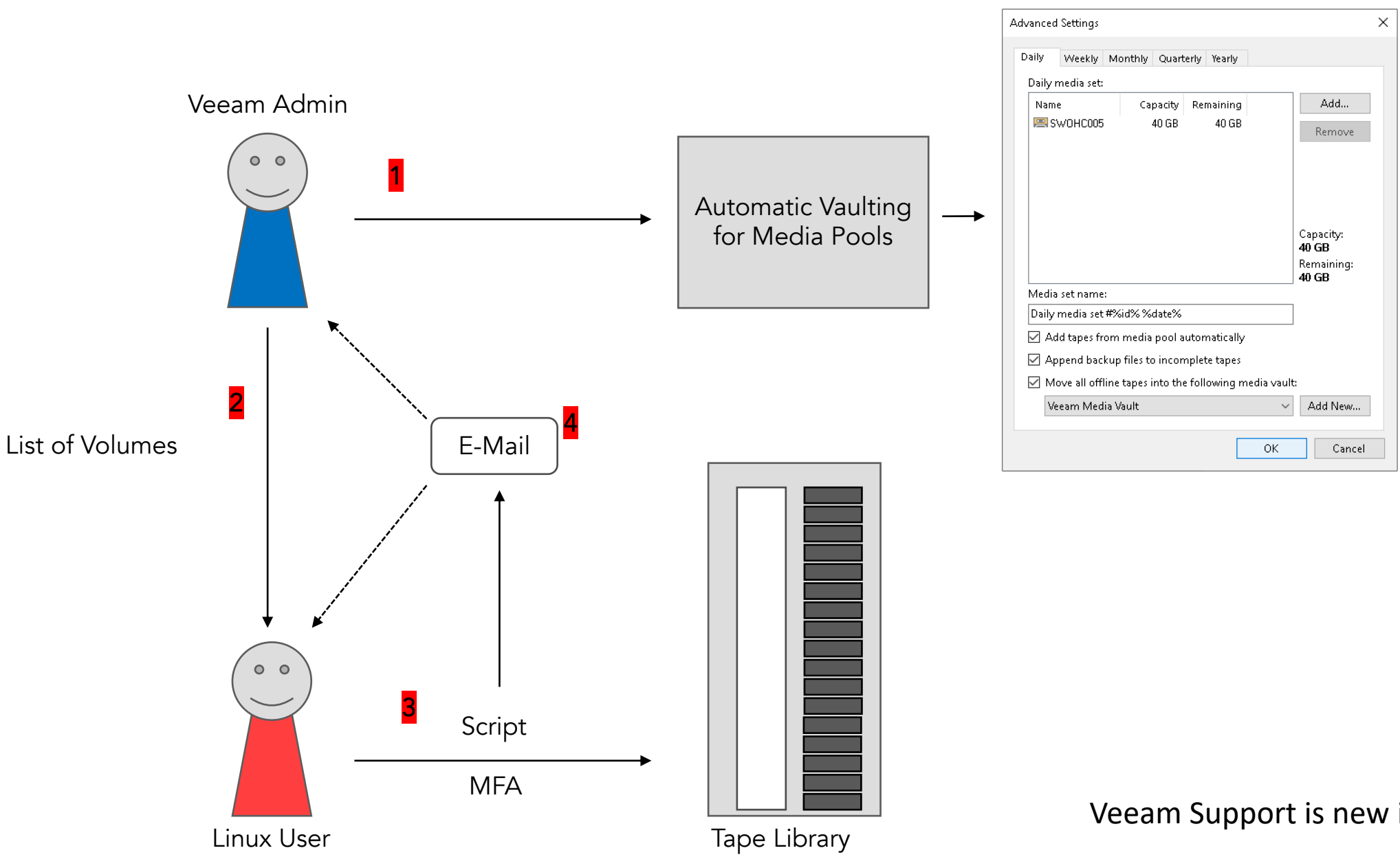
- The first toll which will be available is a **Safe Guarded Tape** (SGT) feature

- It is intended to be one additional security tool for your DB backups and copypool

- The tools and the procedure is accepted from various insurance companies and the BAFIN as „offline copies of tapes in a vault"

How does it work?

- In your library a new „logical library" has to be defined (this will decrease the number of slots for your productive environment)

- The new logical library cannot be seen from TSM (or other apps)

- A dedicated storage admin is using the tools via CLI on the VM (MFA required, no access to TSM from him)

- The relevant cartridges will be assigned to the new logical library and in TSM via DRM. No cartridges are physicall moved!

- In an IBM TS4500 only a dedicated drive without FC/IP connectivity can be defined as a „media verification" drive
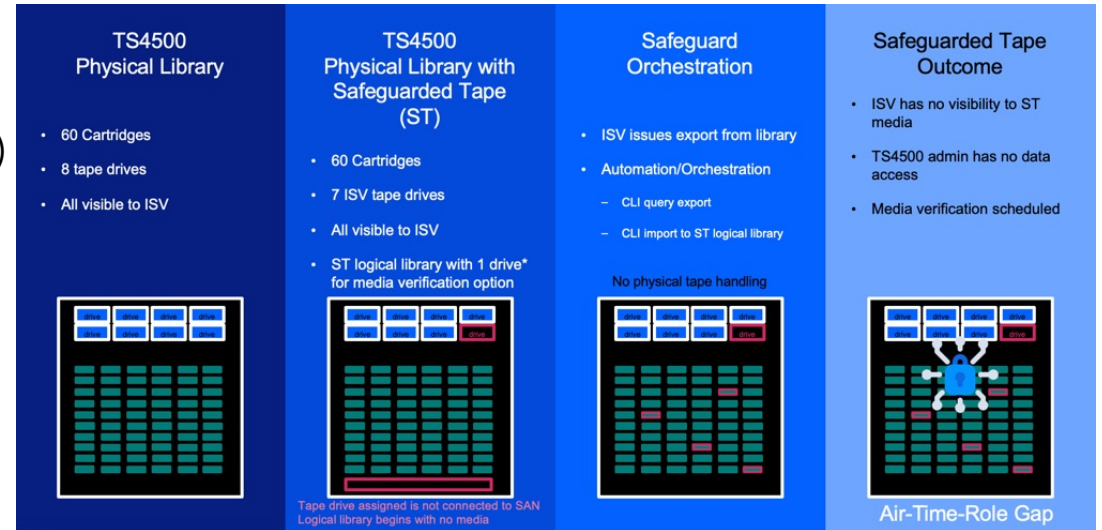
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Veeam Admin

1

Automatic Vaulting
for Media Pools

2

List of Volumes

E-Mail **4**

3

Script

MFA

Linux User

Tape Library

Advanced Settings   ✕

| Daily | Weekly | Monthly | Quarterly | Yearly |

Daily media set:

Name	Capacity	Remaining
📼 SWOHC005	40 GB	40 GB

Add...

Remove

Capacity:
40 GB
Remaining:
40 GB

Media set name:

Daily media set #%id% %date%

☑ Add tapes from media pool automatically

☑ Append backup files to incomplete tapes

☑ Move all offline tapes into the following media vault:

Veeam Media Vault   ▾   Add New...

OK   Cancel

Veeam Support is new in version 1.2

Content of our offering:

- Definition of the new logical library

- Makros / Scripts for TSM (with DRM or not)

- Linux Scripts for the library communication (per CLI over IP)

- Separation of TSM admin and storage admin (2-Person-Security)

- Login at TSM <u>and</u> for the Linux scripts per MFA

- Detailed reporting per mail

Licensing:

- eXstor Tape Vault consists of: Services, TSM and Linux scripts, admin guide as PDF

- Support / Service for future versions

- There is a discount for TSMCluster® customers

Future releases:

- Connectivity to the new RestAPI of the IBM libraries (see RFE TL45-I-50)

- Mount Monitor for non-authorized access (z.B. dd oder itdt)

- Additional Apps such as Veeam, Rubrik, Cohesity and Commvault

- SNMP / E-Mail alerting for the IBM Diamondback library

- Management of Cleaning Tapes (Management and reporting)

- LTO9 and LTO10 Initialization with drive optimization

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