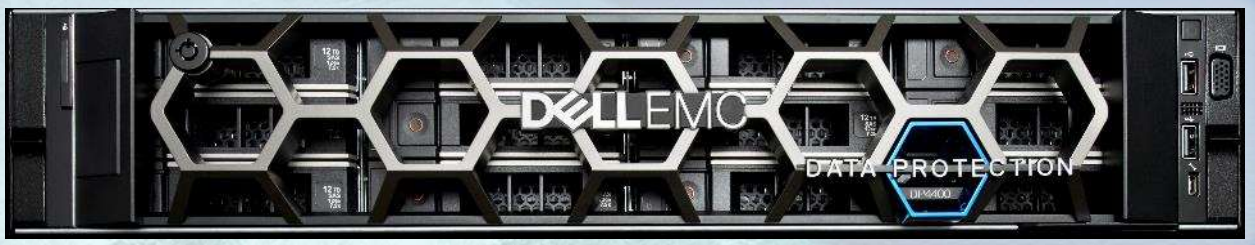
Laptop protection

Fast / **No load** / **Minimal transfer**



DELL Technologies

Daniel.Olkowski@dell.com

Agenda

- What do we expect from laptop backups?
- Speed
  - Backup
  - Restore
- No load
- No network

DELL Technologies

Agenda

- User friendly
- Automated
- Secure
- Cost effective

Laptops / PCs
DP4400 for backup/recovery laptops

- Laptop can be anywhere
  - GSM
  - WiFi
  - Local

- Almost no data transferred during the backup
  - even 0,01% (0,0001 of backup data) sent during the backup

WHY DELL EMC DP4400 ?

Simplicity in a Converged Solution

Backup & Restore

Replication

Disaster Recovery

Search & Analytics

Days

2U and 10x[1]

Easy to deploy & upgrade

Hours

8TB–96TB

+ 192TB with without additional HW

Densest 2U appliance—up to 20% more capacity[2]

Deduplication

Cloud DR + LTR

Instant Access + Restore

VMware Integration

[1]Dell EMC internal analysis using publically available competitive pricing, May 2018. Lowest cost-to-protect is based on $ per logical GB. Actual cost will vary.
[2]Based on Dell EMC internal analysis, May 2018, using Rubrik's and Cohesity's published data. Actual results will vary.

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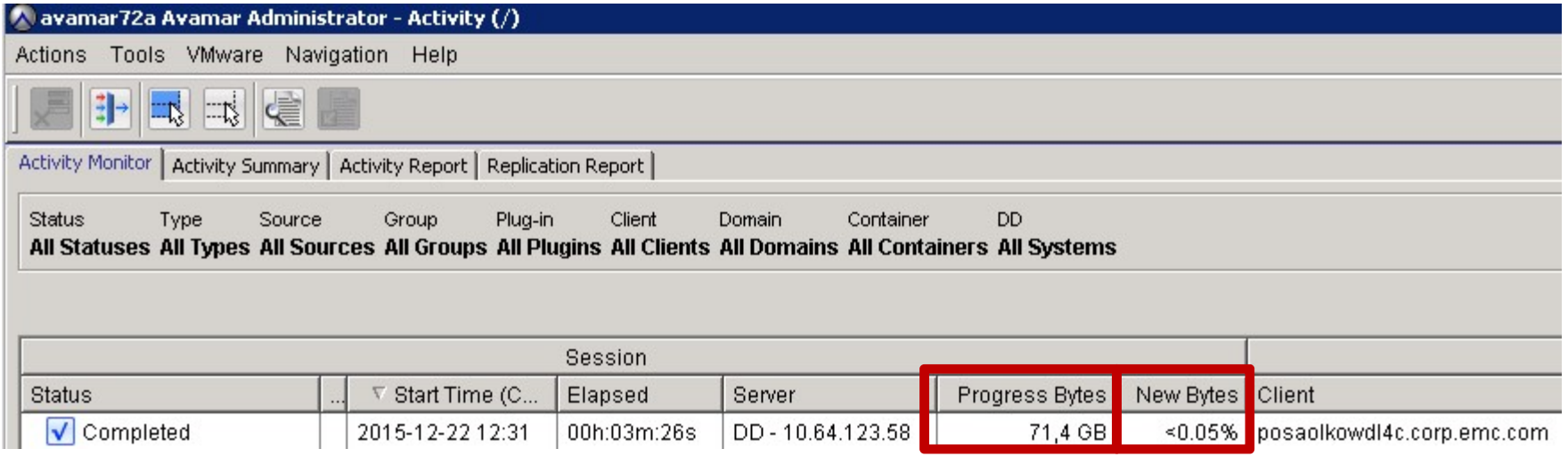
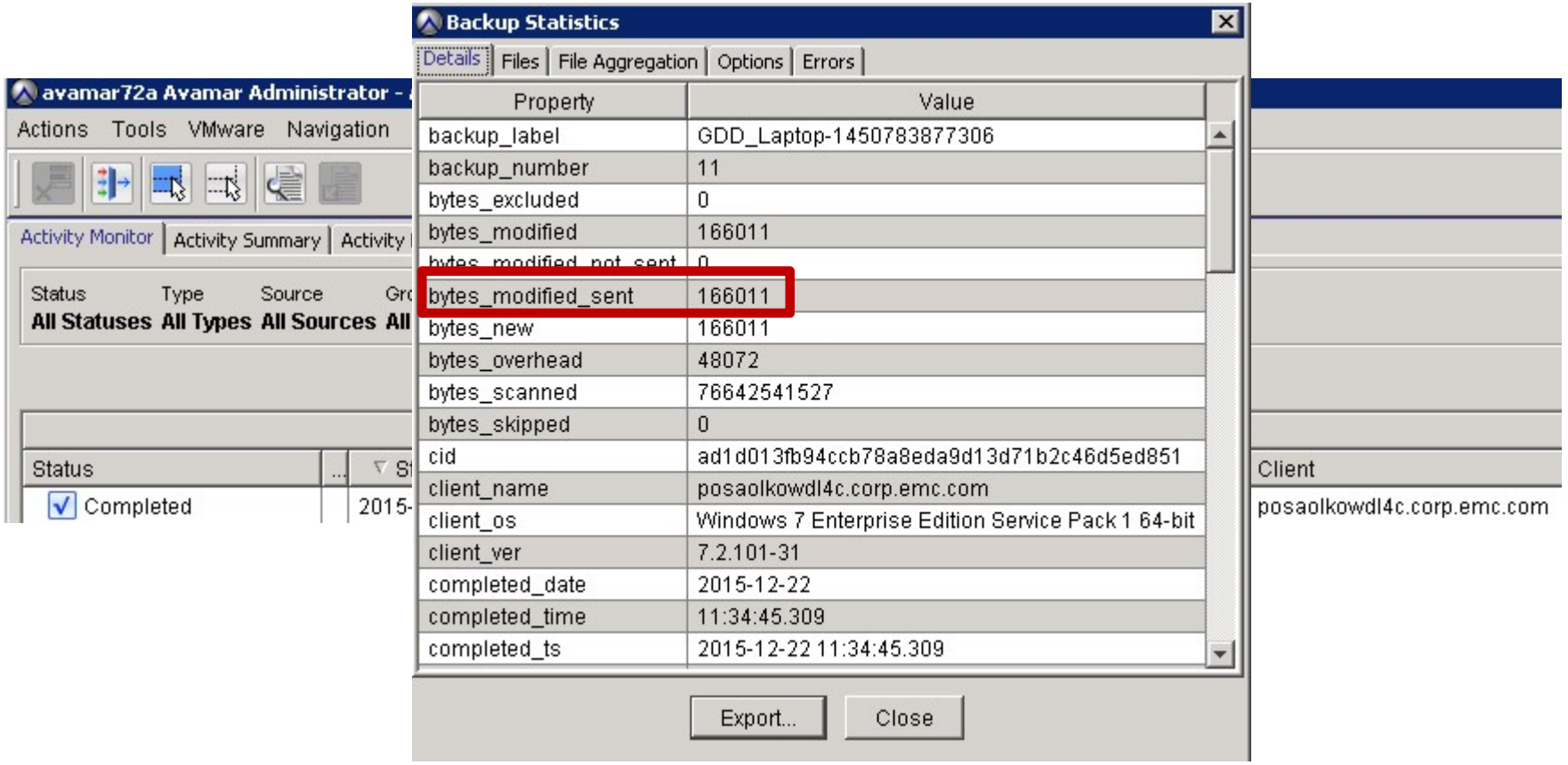
Laptops / PCs
DP4400 for backup/recovery laptops

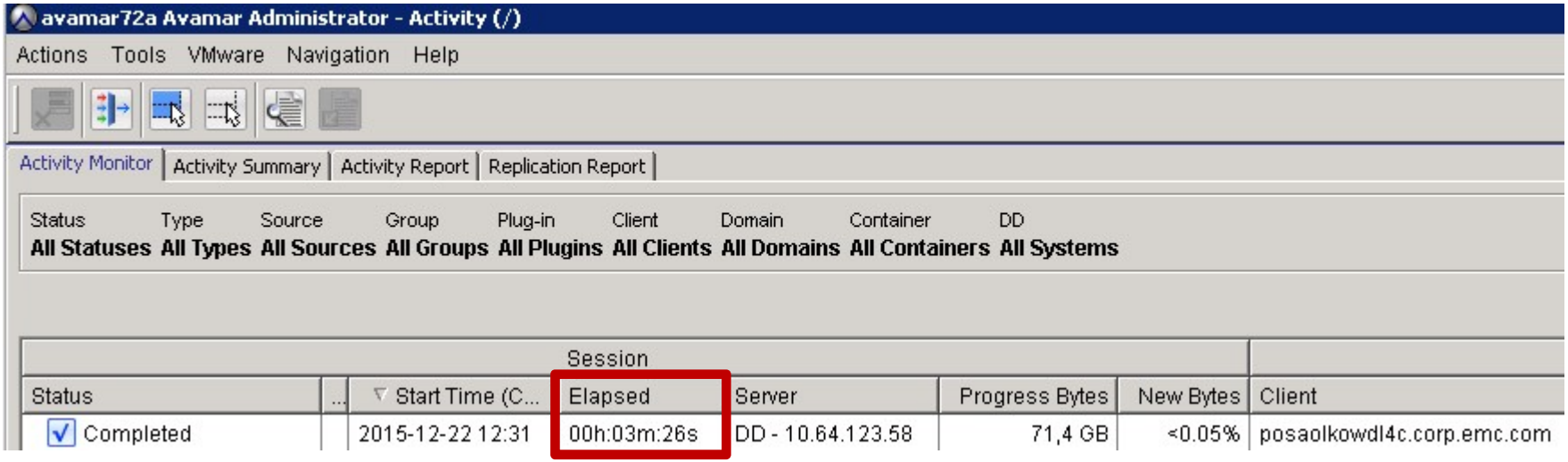


Laptops / PCs
DP4400 for backup/recovery laptops



Laptops / PCs
DP4400 for backup/recovery laptops

- Immediate backup
  - 1 – 20 minutes to finish the laptop backup

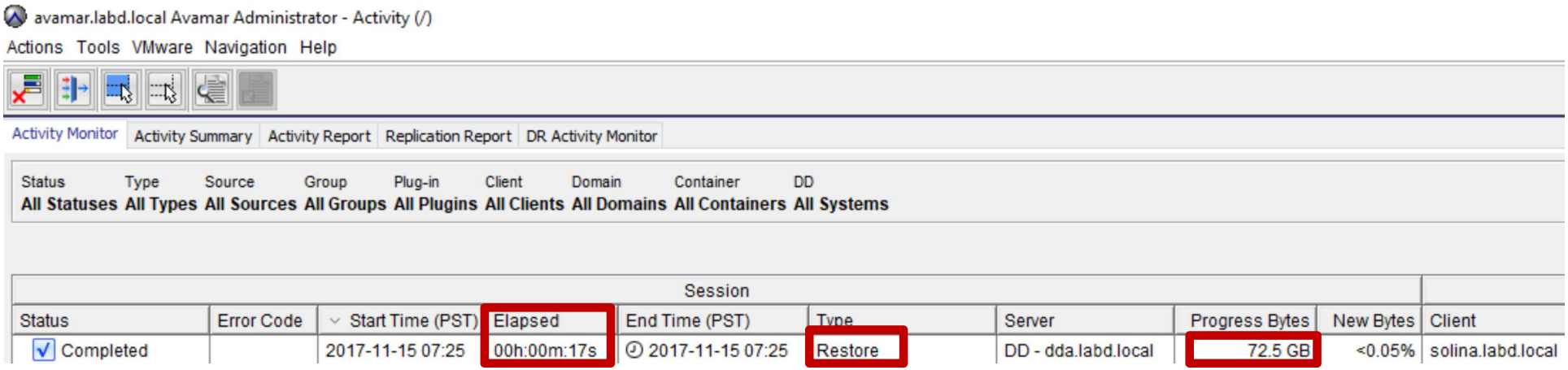


Laptops / PCs
DP4400 for backup/recovery laptops

- No load of protected laptop/PCS
  - No (minimal) reading data from laptop during backup

Laptops / PCs
DP4400 for backup/recovery laptops

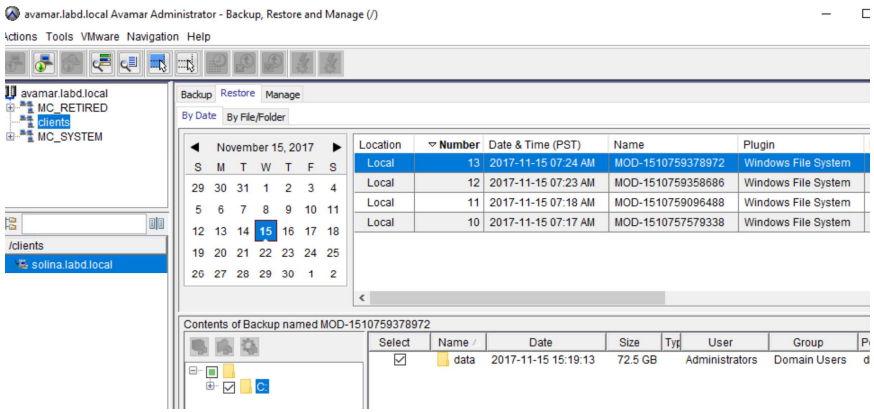
- Immediate restore

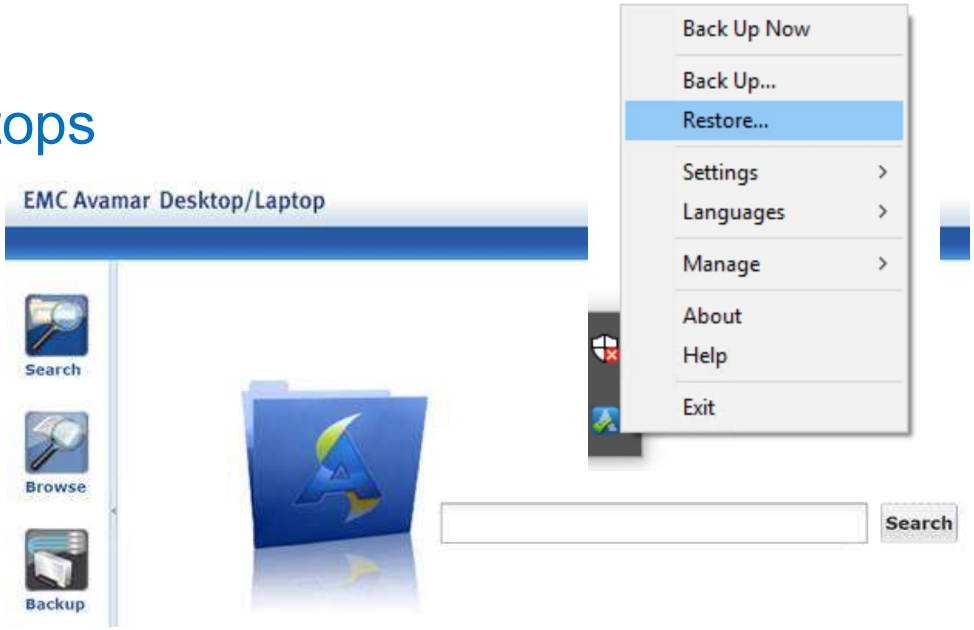


Laptops / PCs
DP4400 for backup/recovery laptops

- Restore by:

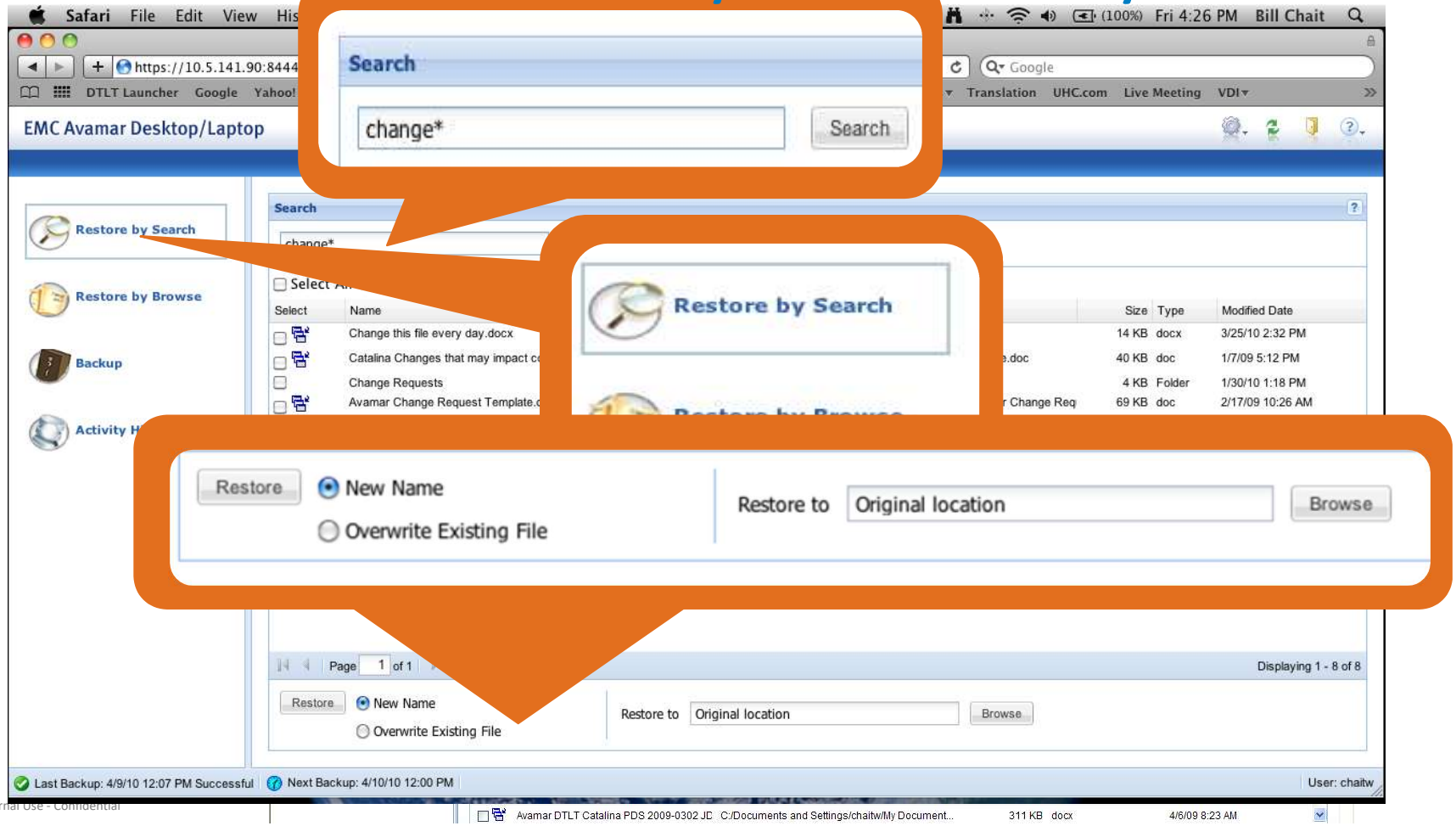
Avamar admin





User

Self-Service Recovery - Restore by Search



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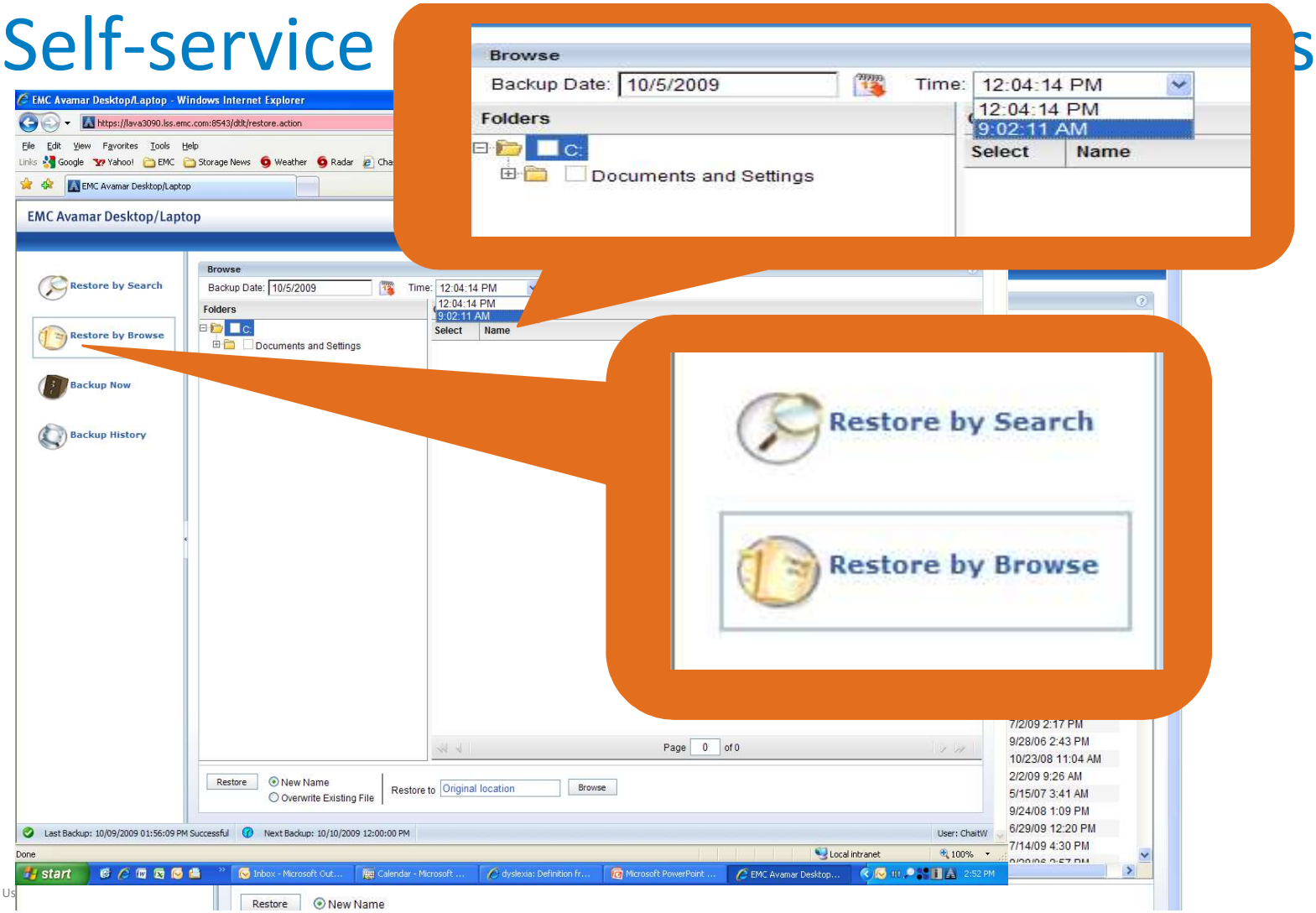
Self-service



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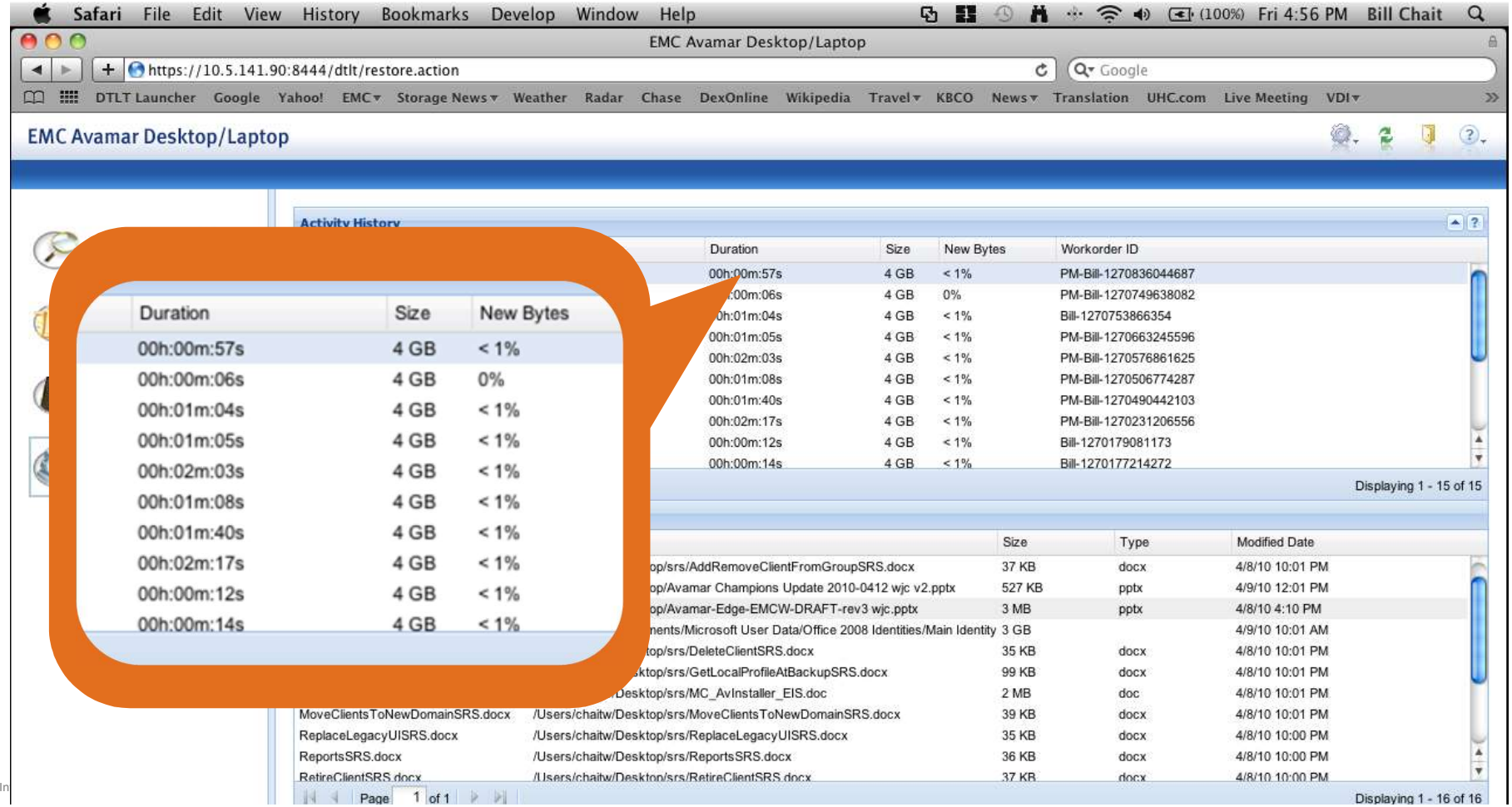
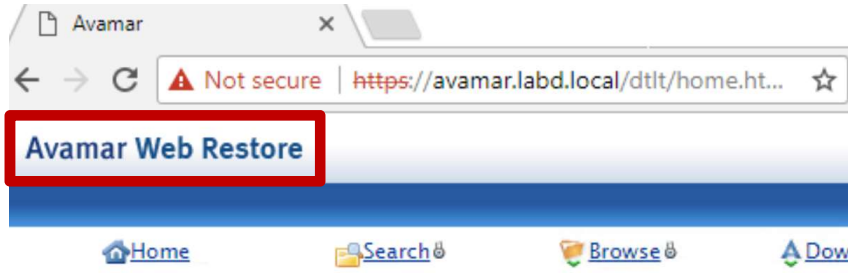
Activity History



Laptops / PCs
DP4400 for backup/recovery laptops

- Access to data from any device
  - Mobile
  - Laptop



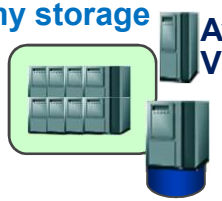
Laptops / PCs
DP4400 for backup/recovery laptops

- All backups are full!
- Last backup kept for ever

How can I implement laptop protection?

DP4400 (hardware/software)

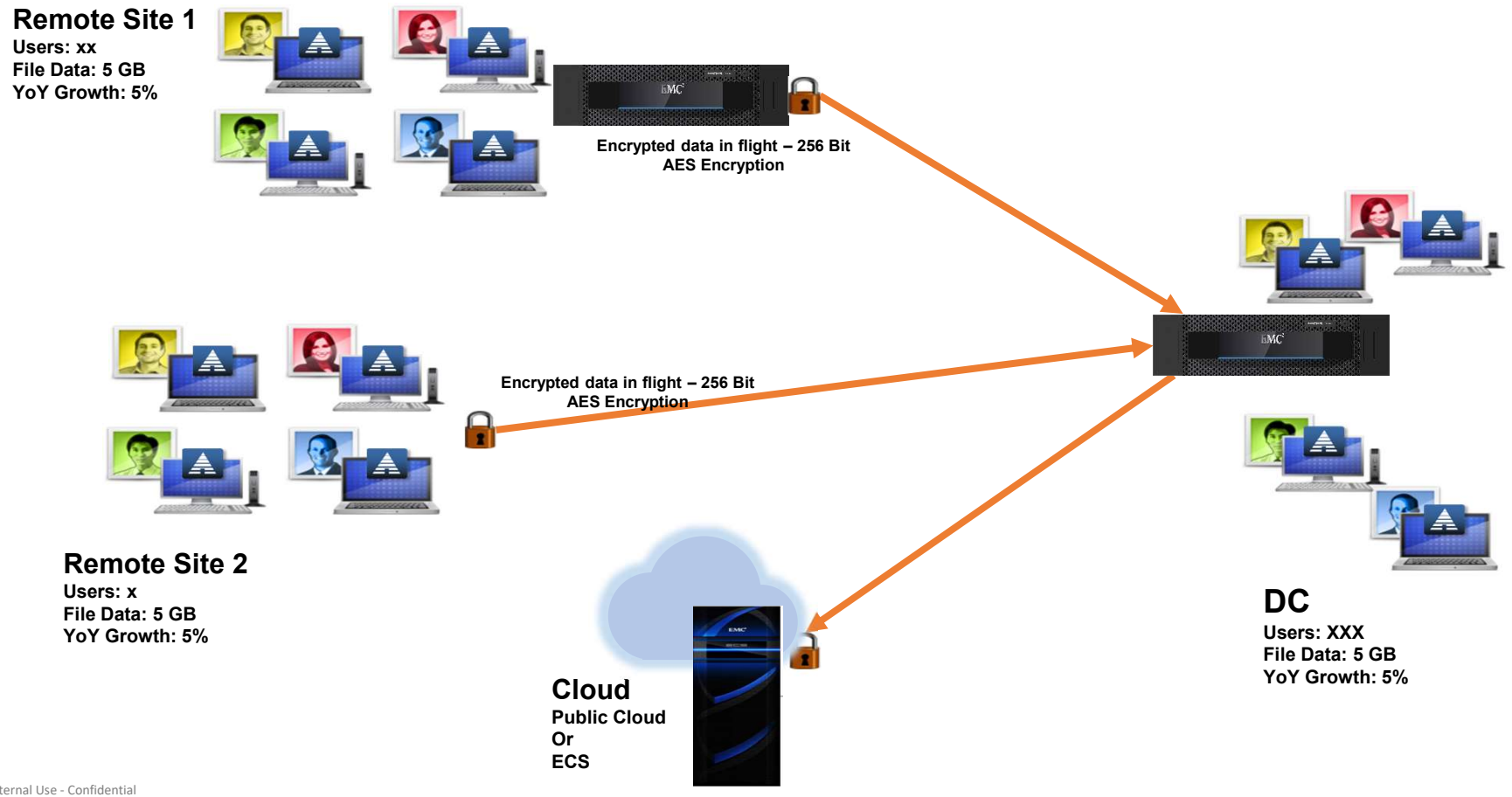
DPS Commercial package
+ my processor/memory
+ my storage



Avamar VM

Data Domain Virtual Edition DDVE (6TB)

Consolidated Design



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