

IRM

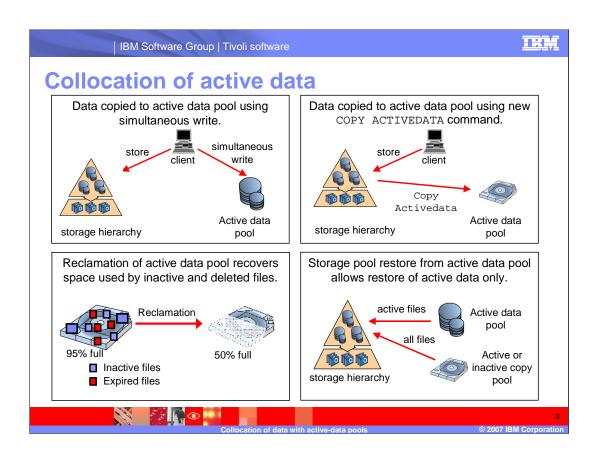
Objectives

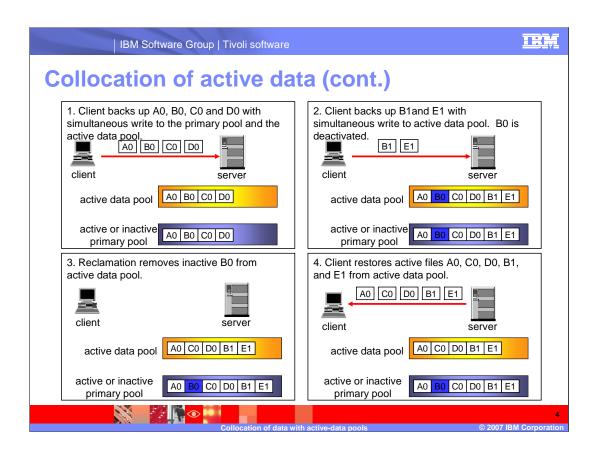
Upon completion of this module, you will be able to:

- Describe collocation of active data
- Describe collocation of active data with the administration center



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HR.

Administration center support for active-data pools

Administration center updates:

- Components that support the DEFINE STGPOOL and UPDATE STGPOOL commands were updated to include active-data pools.
- All other components that explicitly display choice of copy pools in cases where active-data pools are applicable were updated to include active-data pools.
- The new **COPY ACTIVEDATA** command was added.



Note: The GUI active-data pools support is version specific. Support appears only for TSM server version 5.4.0.0 and above, and in administration center version 5.4 and above.



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New 5.4 administration center panels

Copy active-data form

- Enables copying of the active data only primary pool to an activedata pool
 - Similar to using the BACKUP STGPOOL command, with the active-data pool as the destination

Move NODEDATA form

- New port in administration center
- Supports active-data pools



DRM support is not yet available (no server support)

Device Configuration Wizard (DCW) does NOT allow creation of ADP pools

Use Storage Pool Wizard instead, refine by desired ADP usage

AC does not provide Restore Storage Pool command support yet

Supports Restore Volume from a copy or from an active-Data pool

Active-data pool updates on existing panels

Storage Pool Wizard

New path added to create active-data pool, which includes association with the domains for that pool

Storage Pool Notebook

- Display for relevant fields and panel text for an active-data pool added
- New tab added for Primary pools Simultaneous-Write related fields

Policy Domain Wizard

Added setup to identify list of active-data pools that can store data for the domain client nodes

Policy Domain Properties

- Added new expandable category (Active Data Pools) with a table to operate on the associated active-data pool destination list
 - Add and Delete active-data pools in the list
 - Create new active-data pool action



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Active-data pool updates on existing panels

Restore storage pool volume

- Restore from copy or active-data pool added
 - Either all available for a pool type or specific pool

Add or modify volume form

Update panel description added to refer to copy and active-data pools

Move data form

▶ Update panel description, added to display handling for active-data pools

View volume content-(primary)

 Update form modified to support the viewing of content for active-data pools

Maintenance plan wizard

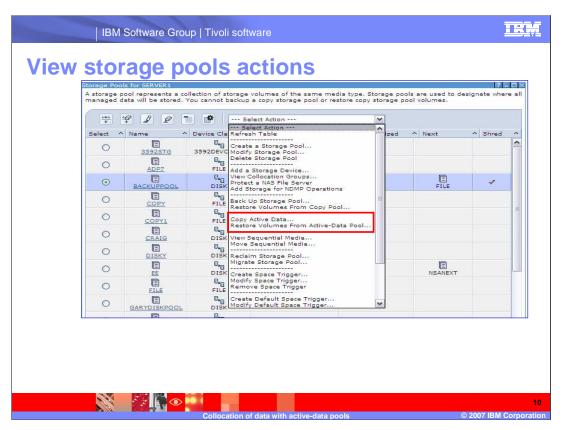
- Added support for the new copy active data command
 - Similar to existing maintenance backup storage pool functionality

Maintenance plan notebook

- Modified desired setup for the new copy active data command
 - Similar to existing backup storage pool form functionality



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Active-data pool Related Actions:

Create/Modify Storage Pool

Copy Active Data

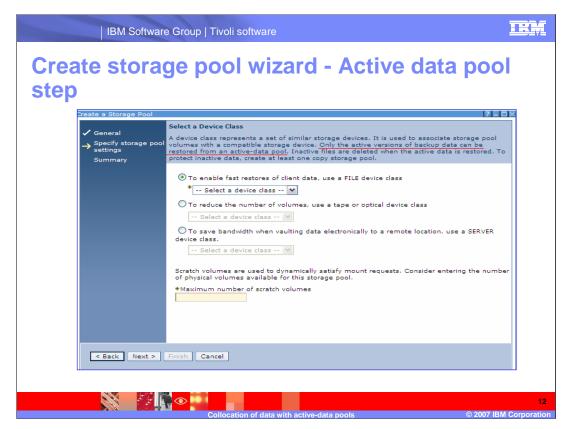
Restore Volumes From Active-Data Pool



Wizard located in Storage Devices Task, View Storage Pools Portlet New layout for the Choose Pool Type Step

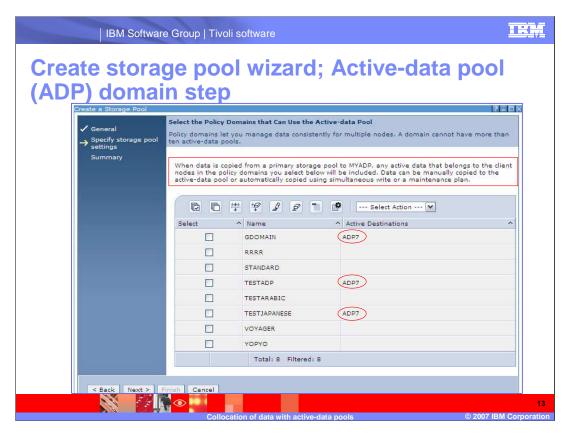
Choose by desired access type: random or sequential

Sequential selection: Primary / Copy / Active-Data; Bubble Help provides further info



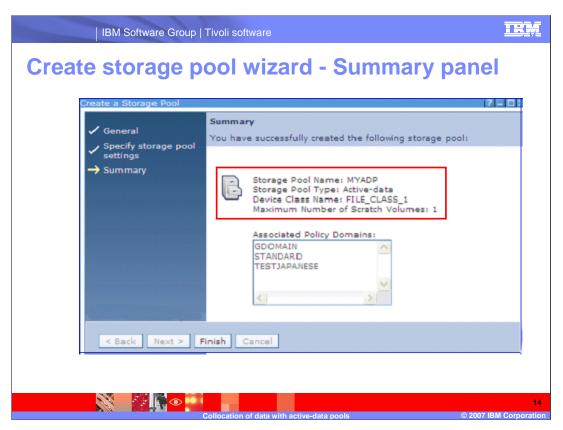
Choose pool device class based on desired use

->> See specifics in Server ADP Go-Training document

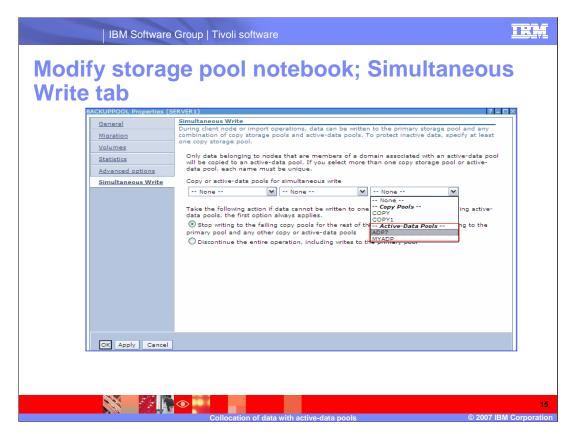


Allow to associate the new ADP with domains available on the server Optional

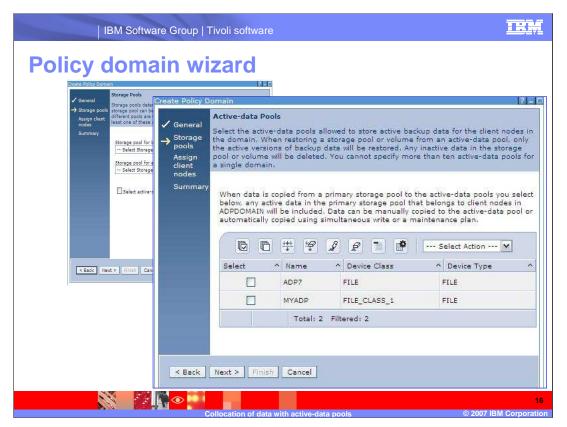
Displays the associated active data pools for each domain defined on the server



Display all chosen domains



Destinations pool drop downs add separators to explicitly depict the pool type
Similar approach all over the interface where mix of pools is displayed
Copy Continue is now a radio button group and explicitly states available options
Displays for AC 5.4 and above only

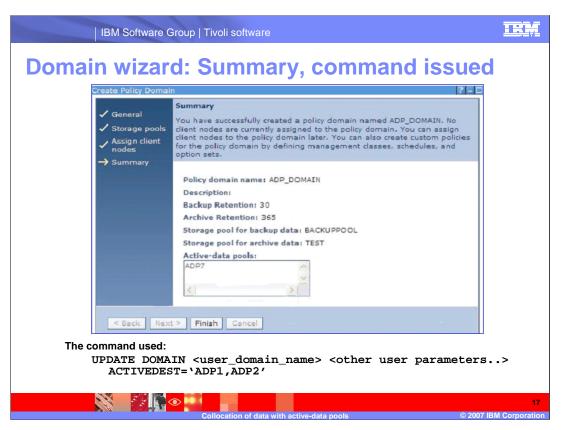


Located in the Policy Domains task, View Policy Domains Portlet

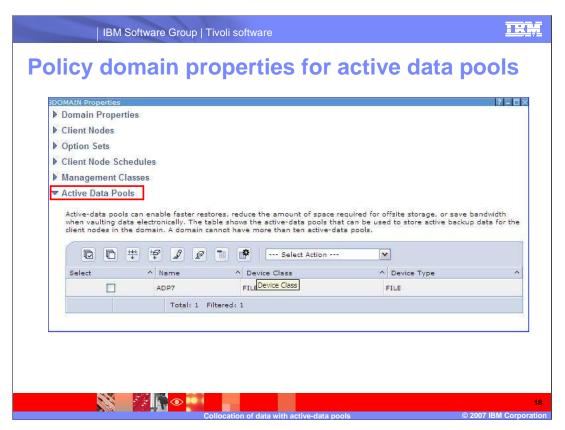
Added a check box to allow choosing active-data pools destinations

By default, unselected

New Active-Data pools Step is displayed, if check box selected



Summary identifies chosen active-data pool destinations, if any



Added new Active Data Pools Twisty

Table shows currently defined active data pool destinations

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Domain properties active data pools expandable category table actions

Add active data pools

Launches the add active pool form. No selection is necessary

Delete active data pools

Immediately removes the selected active pools from the table (no conformation message needed)

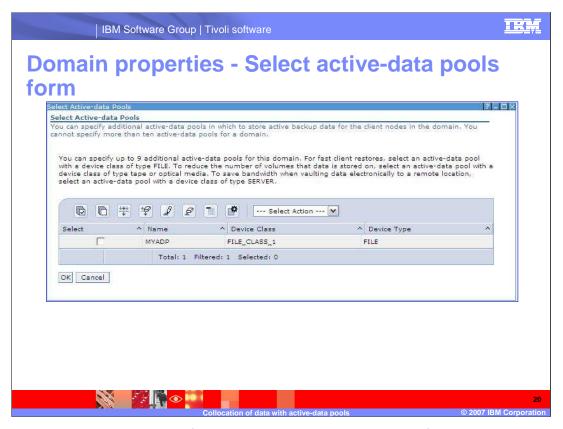
Create an active data pool

- Launches the storage pool wizard with default path of active data pool
- ▶ Allows you to create a new active-data pool immediately
- Parent domain is pre-selected in the storage pool wizard domains step table

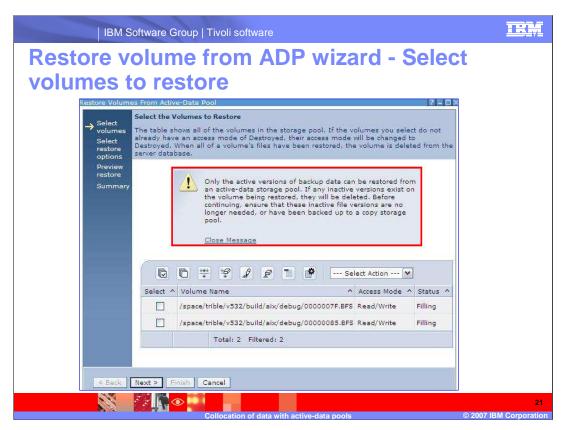


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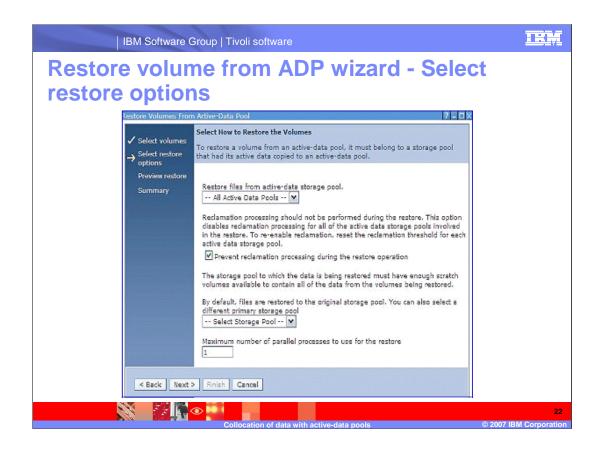
Can add additional destinations for the domain that are not yet defined Up to 10 – (number of already associated ADP destinations)

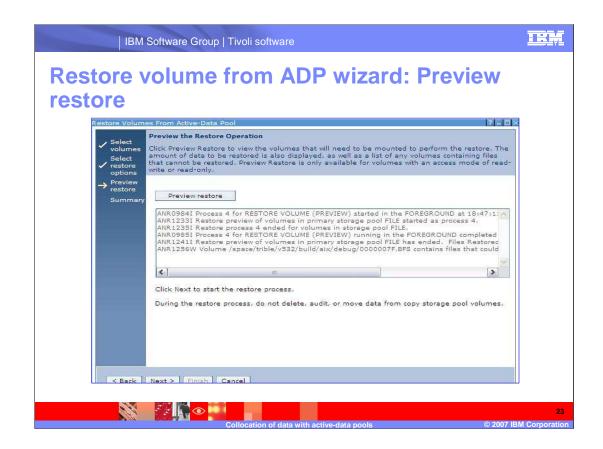


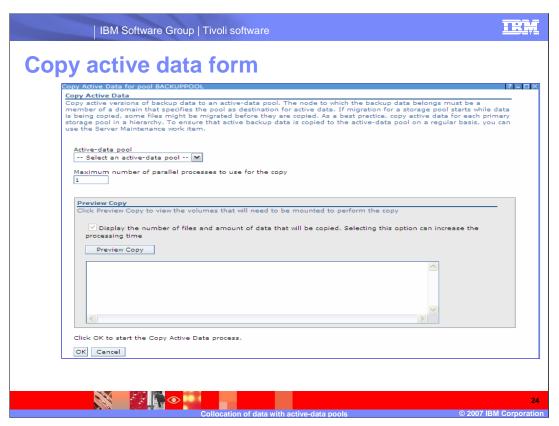
New wizard for ADP based restore

Initial ~Select the Volumes to Restore~ is shown ONLY if action was requested from the View Storage Pools portlet table

- Skipped if launched from the Storage Pool Notebook's Volumes table







Similar to Backup Storage Pool, but handles active-data pools Valid for pools with NATIVE or NONBLOCK format Enforces that pool data format is the same as source primary pool

Maintenance plan task ADP support

Support for the new COPY ACTIVEDATA command was added to the maintenance plan wizard and notebook.

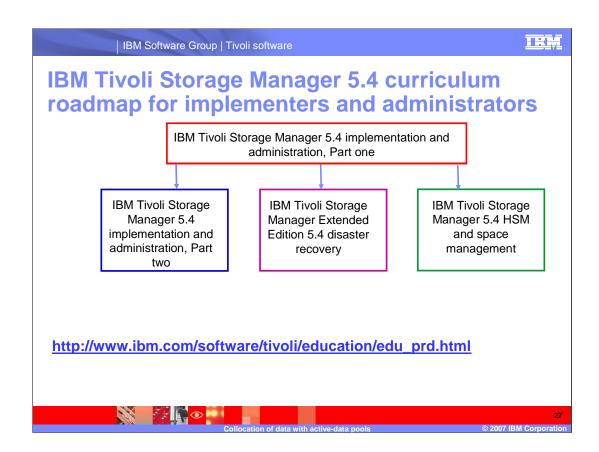
- Issue the command as part of the maintenance plan for up to three primary storage pools.
 - The number 3 was chosen for simplicity; similar to backup storage pool capability.
- Enforces that the chosen primary pool and active-data pool (ADP) are of the same data format.

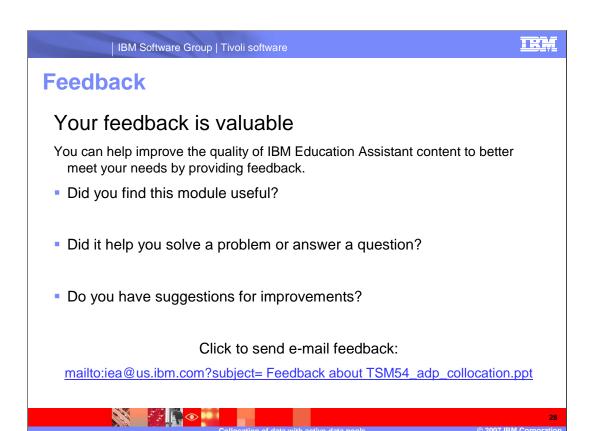
Command added to the plan for each defined primary pool to ADP relationship:

COPY ACTIVEDATA <prim_stgpool_name>



Best practice: When active-data pools are used, copy the active data for the primary pools in a hierarchy on a regular basis.





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