

Hybrid DDPs with our Dual Path Technology

SSD bandwidth with affordable capacity

Of course one would rather have a Petabyte of pure solid state disk (SSD) storage. But who has the money for it? And then again, even if you have the money for it, is it worth the investment?

Take a look at our hybrid DDPs. Hybrid DDPs consist of spindles and SSDs and have bandwidth of SSDs with the capacity of spindles. How come?

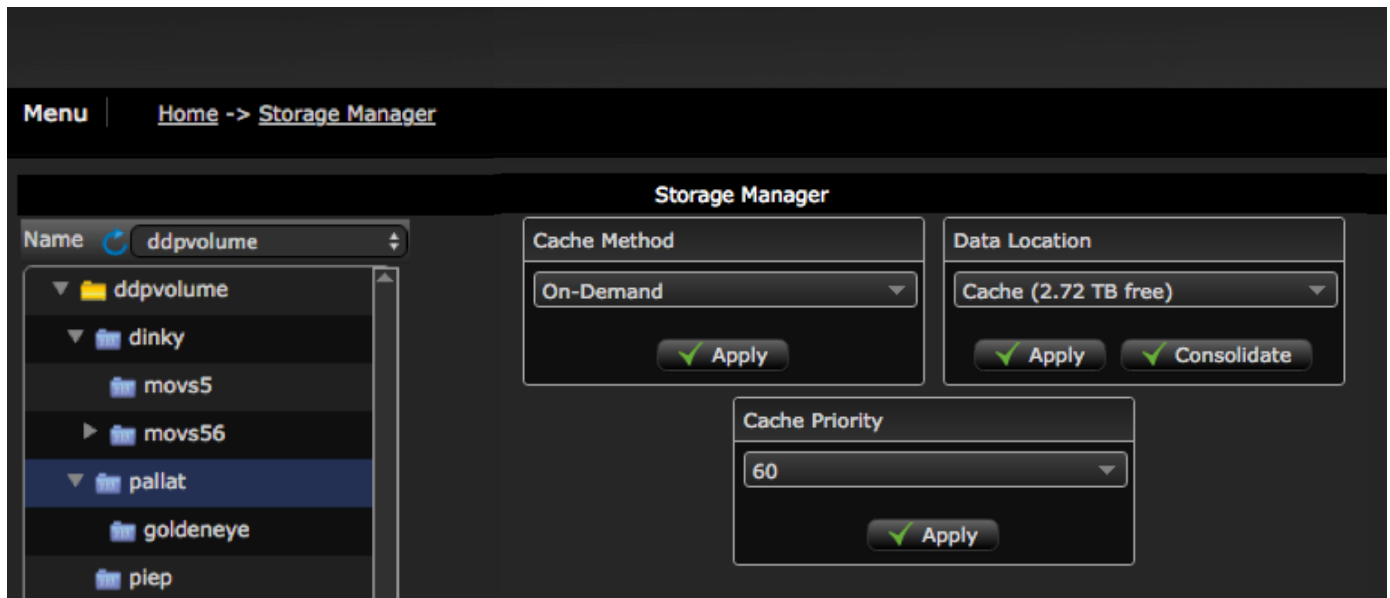
The buzzword is caching. Competitors do cache at the level below the file system (block based) with the effect that there is no or limited control over what is to be cached and how. DDP caches at file system level and uses our newly developed Dual Path Technology (DPT).

This gives the control one needs as shown in the picture. On the left there is the file system tree with the folder volume selection. In the middle there is the Cache Method, Data Location and Cache Priority selection.

These selections are dynamic !

This means that selections can be changed while in operation. A selection becomes active when Apply or Consolidate is pressed.

Hybrid DDPs have two or more spindle Data Locations and an SSD Data Location as SSD Cache. Caching of a file means that a copy of a file is made with an additional path to the file system tree, but there is always one path active.



That's why DPT - Dual Path Technology - makes the following possible:

Ingest, copy and work from/to SSDs while they never become full

Other workflow schemes are possible as well of course. Such as:

1. Ingest / copy to the spindles and when needed cache a project to the SSDs using pinned as Cache Method;
2. Ingest / copy to the spindles and use On-Demand as Cache Method to allow files to be cached which are to be used. More advanced users / administrators can decide per FolderVolume or FolderVolumes which possibility to use.