



Analytico, Inc.
Analysis from all Angles™

July 21, 2008

3PAR Announces Thin Copy For VMware Virtual Desktop Infrastructure

Announcement Summary

On July 21, 2008 3PAR announced Thin Copy For VMware Virtual Desktop Infrastructure (VDI). This capability enables users to provision hundreds of virtual desktops using storage on the 3PAR InServ subsystem as the desktop virtual storage.

In addition, 3PAR announced an increase in the number of Virtual Copy's to 128 – this is an integral part of the Thin Copy For VMware VDI solution.

3PAR and VMware Company Update

3PAR continues to participate at the Premier Level in VMware's Technology Alliance Partner program (TAP) which enables 3PAR to develop at a deeper technological level with the VMware operating software. This deeper level technology relationship results with jointly developed and tested solutions that bring users greater feature/function flexibility when jointly deploying these two products.

VMware's VDI product enables users to gain centralized control over the sprawl of desktops in a large organization. Gaining control assists IT management with lowering costs and improving the P.C. usage experience and reliability for the end point P.C. user. VDI is also a good methodology for gaining manageability and security control in those environments that employ consultants with varying dates of employ and departure from a given company.

Technical Quick Facts

3PAR's new support for 128 Virtual Copies (Snapshots) is the root enabling technology within the new support for VDI. Communication between VMware and the InServ Utility Storage system enables operations to create up to 128 thin copies. With multiple storage systems installed it is reasonable to expect thousands of VDI clients to take advantage of boot services and other storage needs.

Figure 1, below, illustrates the Thin Copy methodology and storage utilization savings reported by 3PAR. The virtual copies are a fraction of the actual hard provisioned storage in a typical storage area network (SAN) environment.



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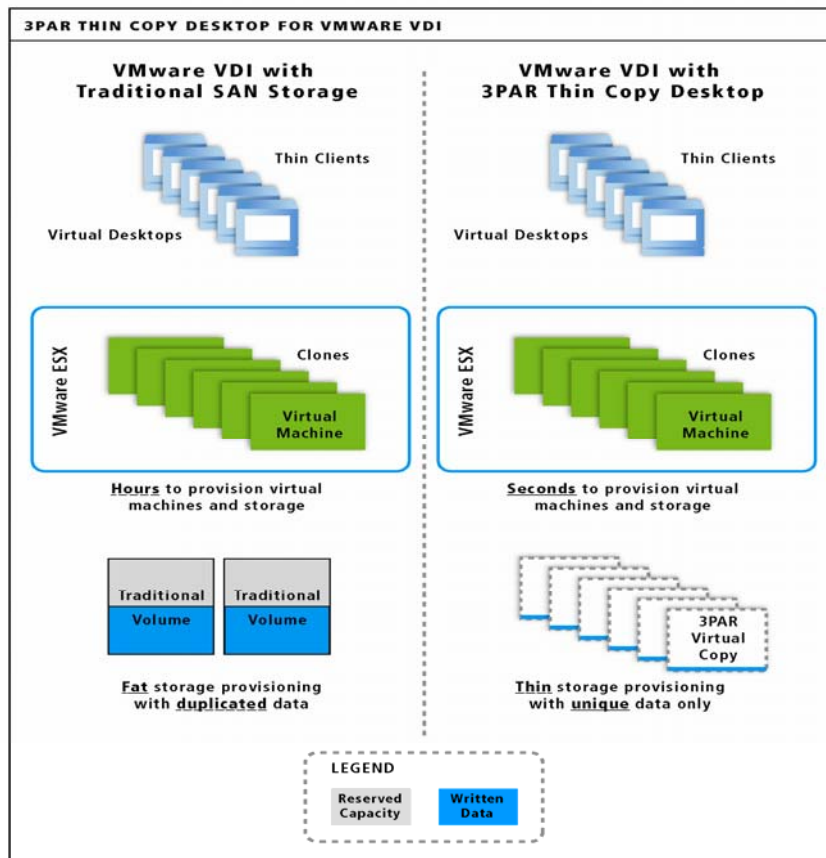


Figure 1. Illustration of Thin Copy For VMware VDI



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Analysis Summary

With the July 21, 2008 announcement, 3PAR extends its capabilities with VMware VDI. Leveraging the capabilities of the InServ Utility Storage will enable VMware infrastructures to deploy more cost effective thin copy provisioning for P.C. users.

Analytico believes 3PAR is continuing on a development and delivery path that makes it a growing, formidable, competitor to EMC and HDS in the enterprise storage arena, especially in VDI environments.

Tom Trainer, President
Analytico, Inc.

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