



# White paper

## ETERNUS vCenter Plug-in achieves relations management between ETERNUS Disk storage system and VMware virtual environment

Fujitsu offers ETERNUS vCenter Plug-in for VMware environment. This software offers system administrators insights into ETERNUS Disk storage systems from vSphere Client, enabling easy system management.

### Challenge for virtual environments

In the VMware virtual environments, system administrators should know detailed attributes regarding VMware resources and storage resources. Finding out HDD types and RAID configuration storage used by the virtual machines and datastores is important for maintenance, such as performance degradation and lack awareness of underlying storage in the Thin Provisioning physical area. However, there are convenience issues because system administrators need to use vSphere Client and storage management user interface to grasp physical and virtual mapping, and it is difficult to understand its relationship. For example, it is difficult for administrators to see which disk drives configure volumes of Datastore.

### What is ETERNUS vCenter Plug-in?

ETERNUS vCenter Plug-in is plug-in software used to extend the user interface for VMware vSphere Client and to display various information of Fujitsu ETERNUS Disk storage systems onto vSphere Client. Selecting a VMware object from the inventory tree of vSphere Client adds the [FUJITSU ETERNUS] tab to the tab list. Selecting this tab enables the information of the ETERNUS Disk storage system to be displayed on vSphere Client.

ETERNUS volume information that is related to be selected VMware object, such as Datastore, is displayed on the [FUJITSU ETERNUS] tab. Until now, that information is displayed only with ETERNUS Web GUI.

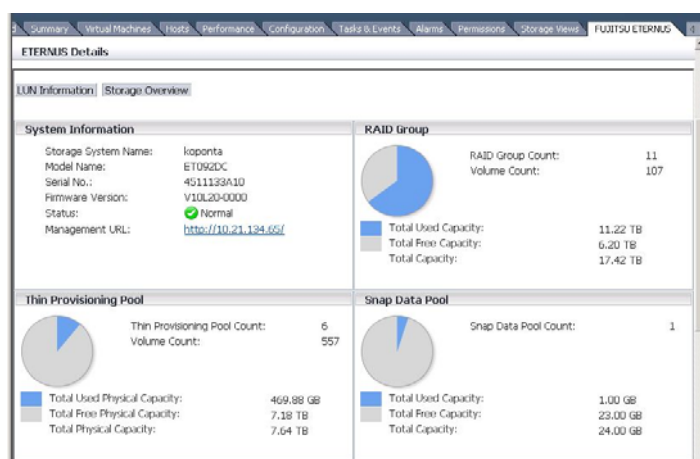


Figure 2: Overview display for ETERNUS Disk storage systems

You can download ETERNUS vCenter Plug-in and its manuals from the following URL. For details on installation and settings, refer to manuals.

<http://www.fujitsu.com/global/services/computing/storage/eternus/tools/evcp.html>

### Merits

- Application of this product facilitates visualization of information on the storage systems and allows the VMware administrators to grasp physical and virtual mapping related to virtual machines, datastores and host systems, which enables integrated management of the infrastructure of virtual environment.
- The information that was able to be displayed only with ETERNUS Web GUI can be viewed from vSphere Client, which will improve convenience because VMware administrators can manage ESX server and storage information in an integrated fashion using vSphere Client.

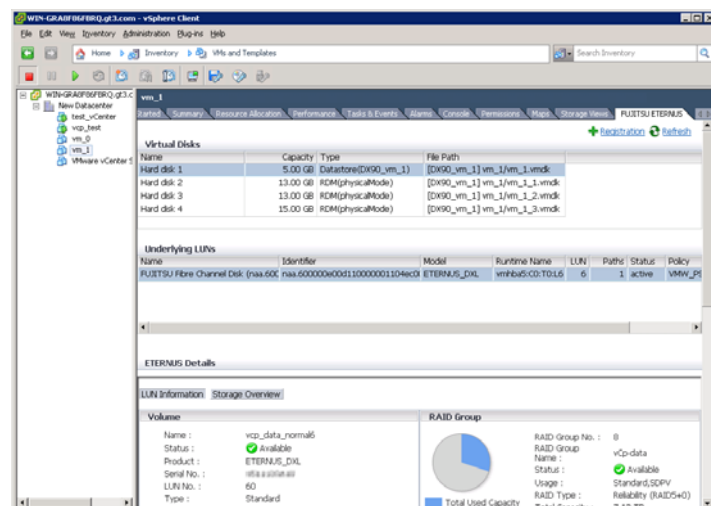


Figure 1: LUN information for a selected VMware object.

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This white paper is devoted to provide technical information and an overview of the basic facilities of ETERNUS Disk Storage Systems. The contents of this document may be modified without any prior notice.  
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