

vRanger ProTM DPP

Frequently Asked Questions

What is vRanger Pro DPP?

vRanger Pro Data Protection Platform (DPP) is the next generation of Vizioncore's market leading virtual backup and recovery solution. vRanger Pro DPP now provides unparalleled backup power and speed with its Scalable Backup Engine. Large numbers of concurrent jobs and a new Direct to Target architecture delivers fast virtual infrastructure backup in the shortest amount of time.

Additionally, vRanger Pro DPP now provides high speed LAN-free fiber backups using VMware's new vStorage API. Significant improvements have been made in backup and recovery speeds, and reduction of VM transmission sizes.

What's new with vRanger Pro DPP?

Major advancements found within vRanger Pro DPP include:

- Scalable Backup Engine provides up to 2000% improvement in backup parallelism by executing multiple, simultaneous backups on all available ESX host servers
- Instant File Level Restores (FLRs) are up to 120X faster
- New Direct to Target Architecture provides up to 50% shorter backup windows with vRanger Pro bypasses unnecessary proxy servers and writes backup data directly to target storage
- Full VM image recovery 39% faster using improved vRanger Pro 4 read/write processes
- VM data stream size reductions of 30% -50% by avoiding unused white space
- High speed LAN-free (fiber) backups up to 175MB/s with the fastest vStorage API implementation available today
- vAPI (vRanger Application Programming Interface) contains 43 vAPI commands and 37 commandlets that provide a wide variety of integration options with existing backup and recovery solutions
- New PowerShell access allows administrators to call and automate vRanger Pro operations without accessing its UI

What's new in the latest vRanger Pro 4.2 DPP release?

The 4.2 release brings support for LAN-free (fiber) backups via VMware's vStorage API (www.vmware.com/products/vstorage-apis-for-data-protection/). In addition, this release adds VMware's ESXi (licensed version only) as a supported platform.

What is LAN-free (fiber) backup, and why would I need this?

Some organizations want to take advantage of infrastructure to move backup data across alternative networks and off the organization's LAN. The latest release of vRanger supports this need by leveraging VMware's vStorage API.

Does vRanger Pro 4.2 ESXi support require special processing?

Users looking to restore archives from ESXi systems will need to first stage the restores to an ESX host and then relocate the restored data to an ESXi host if needed. Vizioncore will address this workaround in an upcoming service release.

Is there a way to automate tasks in vRanger Pro DPP?

Yes. PowerShell access will allow customers to create scripts for performing tasks in vRanger Pro DPP.

Does vRanger Pro DPP support vSphere?

Yes. vRanger Pro DPP supports VMware ESX 4 (vSphere).

How does vRanger Pro compare to vSphere's data backup solution?

vRanger Pro DPP has advanced capabilities to offer customers a more robust and flexible backup and recovery solution, regardless of the VMware platform or tools that customers are using.

Will it cost me anything to upgrade to vRanger Pro DPP?

Customers with active support agreements may upgrade to vRanger Pro DPP free of charge. Customers without active support agreements are encouraged to contact Vizioncore sales to discuss purchasing a new maintenance plan to enable access to vRanger Pro DPP.

Will my support agreement change if I upgrade?

No. Your maintenance commitment will not change and you will be eligible to use vRanger Pro DPP under the terms of your current agreement. However, if your maintenance has expired, you must purchase a new maintenance plan in order to upgrade.

How will the upgrade affect my existing vRanger Pro settings?

vRanger Pro DPP requires a new license file so scheduled jobs with your existing vRanger Pro 3.x license will not automatically transition over to the new platform. Please see the vRanger Pro DPP Upgrade Guideline documents for more details.

When should I use vRanger Pro 3.X instead of vRanger Pro DPP?

Customers will need to use vRanger Pro 3.x if they are using the P2VDR module. P2VDR is planned for a future release, so customers who are using this feature will need to keep both versions running.

What platforms does vRanger Pro DPP support?

vRanger Pro DPP supports VMware ESX3.x, VMware ESXi 3.x, VMware ESX 4.x and VMware ESXi 4.x upon initial release.

What is the licensing model for vRanger Pro DPP?

Software/License keys reside on a separate Windows® based server does not require agents inside the Guest OS. Each physical CPU socket on ESX Host source requires 1 CPU License (Quad CPU ESX Host requires 4 CPU Licenses); the number of cores does not matter.

Can vRanger Pro DPP be installed in a Virtual Machine?

Yes.

Where can I find support for vRanger Pro DPP?

Please reference the [Vizioncore Product Support Forum](#) for vRanger Pro DPP support.



For more information about vRanger Pro DPP or any of our products, please contact sales@vizioncore.com, call our support hotline at 866-260-2483 or visit our website at www.vizioncore.com.

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