

Richard Suls
computer consultant



ESTIMATE

Estimate Date: 03/02/2017

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Description:

Currently the backup is composed of manual snapshots of the VMs and automated backups of the files on the ISPNServer. Lastly ISPNServer is using volume shadow backups as well, keeping a relatively small versioning backup of files. Lastly, the VMWare server is setup in a RAID, redundant drive array. (If one drive fails the data is still there. Replace the failed drive and all set).

Description	Time/Quantity	Rate (USD)	Tax	Total
› VMWare Backup	7	\$ 100.00	No Tax	\$ 700.00

This estimate is for the addition of free VMware Backup software, available at <https://33hops.com/xsibackup-vmware-esxi-backup.html> to the ISPN network.

Software will live on a standalone box, one to be repurposed from the unused pile, stored in the server closet. It will backup the VMs to an internal SATA drive.

› 4TB Hard Drive	1	\$ 225.00	No Tax	\$ 225.00
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Enterprise quality, certified and warrantied drive for storage of backup VMs.

<https://www.amazon.com/Western-Digital-Cache-Enterprise-WD4000FYYZ/dp/B0090UEQ8I>

Subtotal: \$ 925.00

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