

## Backup Solutions for Indian CIOs and IT Managers

Vendor	BakBone Software Inc.	CA Inc.	EMC Corp.	Hitachi Data Systems Corp.	Hewlett-Packard Co.	IBM	Sun Microsystems Inc.	Symantec Corp.
<b>Product</b>	<b>NetVault: Backup</b>	<b>ARCserve Backup</b>	<b>NetWorker</b>	<b>Hitachi Data Protection Suite Software, powered by CommVault</b>	<b>Data Protector</b>	<b>Tivoli Storage Manager (TSM)</b>	<b>Sun StorageTek Enterprise Backup Software</b>	<b>Veritas NetBackup Server</b>
<b>Description</b>	Modular backup solution with NetVault: Backup Core module as the base. Additional functionality can be added to the base module as plug-ins and options.	Protection for distributed servers, databases, applications and clients in heterogeneous environments such as Windows, Unix, Linux and NetWare.	A common platform to centralize as well as automate backup and recovery for heterogeneous enterprise data.	Backup and recovery through enterprise-class data protection for file systems, applications, databases and virtual machines.	Automates high-performance backup and recovery with scalable data protection from disk or tape.	Storage management software that automates data backup and restore functions.	The Enterprise Backup Software helps automate and simplify the entire backup and recovery process, delivering centralized data protection across heterogeneous platforms, including Solaris, Unix, Windows, Linux, NetWare, Macintosh and VMware.	Data protection for Unix, Windows, Linux and NetWare environments.
<b>Continuous data protection (CDP)</b>	Available with the NetVault: TrueCDP option	-	Yes	-	-	Yes	-	-
<b>Virtual full backups</b>	-	-	-	-	Yes	Yes	-	Yes
<b>Virtualization support</b>	Yes. NetVault: Backup VMware Plugin supports an individual single ESX server or a full VirtualCenter.	Yes. Support for VMware, Microsoft Hyper-V Server 2008 and Xen environments.	Yes. Virtualization support for platforms including VMware and Hyper-V.	-	Yes. Support for VMware, Microsoft Hyper-V, Citrix XenServer, Microsoft Virtual Server, Sun Solaris Zones and HP Integrity VM.	Yes. Supports VMware.	Yes. Virtual environment protection including Sun virtual servers, VMware and Hyper-V.	-
<b>Granular object recovery</b>	Yes	Yes	-	Yes	-	-	Yes	-
<b>Deduplication features</b>	-	Yes	Yes	Yes	Yes	Yes	-	-
<b>Data management (support for archiving and data migration)</b>	-	-	-	Yes	-	Yes	Yes	Integrated module for automated off-site tape management.
<b>Reporting features</b>	Yes	Yes	Yes	Yes	-	Yes	-	Yes

<b>Security</b>	Yes. With NetVault's Encryption plug-in module.	Encryption and password management capabilities for encryption keys.	256-bit AES encryption and enhanced user authentication.	-	256-bit AES encryption, central management of encryption keys	Allows for the files that will be backed up or archived to be encrypted before being sent to the TSM server. Offers device-level encryption managed by TSM.	Secure management of backup data with enhanced authentication and encryption.	Yes. Data can be encrypted at the 40-, 56-, 128- or 256-bit levels.
<b>Other features</b>	VTL support	VTL support, storage resource management, wide area network bandwidth optimized remote office backups and validation of data on backup media.	VTL support	-	VTL support	VTL support	VTL support	VTL support
<b>Contact details</b>	<b>Email:</b> indiasales@bakbone.com	Customer service and sales <b>Tel:</b> <b>Local:</b> +91-40-23682000 <b>Toll-free:</b> +1-800-425-9393 <b>Email:</b> cainfo-india@ca.com	#9B Lotus Towers, Community Centre New Friends Colony New Delhi 110065 <b>Tel:</b> +91-11-6656-3800 <b>Fax:</b> +91-11-6660-5672 <b>Email:</b> emc@mail.dnb.co.in	Hitachi Data Systems India Private Limited, 6th Floor, C Wing, Laxmi Towers, Bandra Kurla Complex, Bandra East, Mumbai 400 051 <b>Tel:</b> +91-22-2652-6121/ 6110 <b>Fax:</b> +91-22-2652-6115	<b>Tel:</b> +1-800-42-54-999 (From MTNL/BSNL within India) OR 3030 4499 (Prefix city code when calling from mobile phone)	<b>General inquiries</b> <b>Tel:</b> Boardline: +91-80-40683000 <b>Toll-free:</b> +1-800-425-3333 <b>Toll-free:</b> +1-800-425-1266 <b>Landline:</b> +91-80-2678-8015 <b>Fax:</b> +91-80-4068-4225 <b>Email:</b> response@in.ibm.com	Presales enquiries: <b>Tel:</b> +1-800-425-1234 <b>Tel:</b> +91-80-4402-1234	India sales: availability: +91-080-4180-0962 <b>Sales toll-free number:</b> 1800-3000-0005
<b>Website</b>	<a href="http://www.bakbone.com">www.bakbone.com</a>	<a href="http://www.ca.com/in">www.ca.com/in</a>	<a href="http://india.emc.com/">http://india.emc.com/</a>	<a href="http://www.hds.com">www.hds.com</a>	<a href="http://www.hp.com">www.hp.com</a>	<a href="http://www.ibm.com/in/en/">www.ibm.com/in/en/</a>	<a href="http://in.sun.com/">http://in.sun.com/</a>	<a href="http://www.symantec.com/en/in/">www.symantec.com/en/in/</a>