



Ensure recoverability of virtual servers

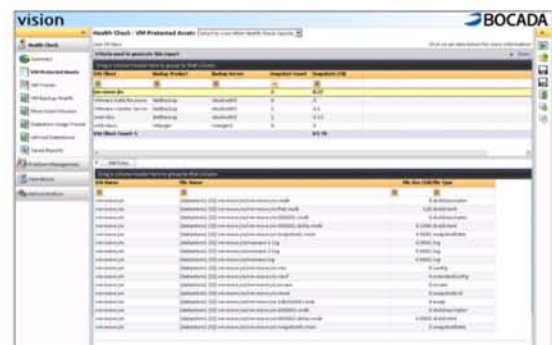
Bocada Vision is a ground breaking Data Protection Service Management solution focused on addressing the complexities of backup and recovery in Virtual Environments. Vision helps ensure VM recoverability by providing in-depth visibility and analysis into VM snapshot and backup activity. As a standalone module in the Bocada Prism family, Vision can be used independently to manage virtual environments or it can also be fully integrated with Bocada Prism to provide total physical and virtual protection for the entire backup infrastructure.

Research shows that protecting virtual environments introduces significant challenges, and as a result organizations consider implementing backup and recovery processes for virtual servers a top data protection challenge.

Bocada Vision is integrated with VMware vCenter and supports a broad range of purpose built VM backup applications and applications that support both physical and virtual server data protection. Benefits of Bocada Vision for Virtual Environments:

Quickly and Easily Assess the Recoverability of VMs

- Protected Asset report shows how VMs are protected
- Easily identify best recovery points
- Quickly uncover unprotected VMs
- Auto-zones all VM and data-store configuration from vCenter



VM Name	Protection Status	Backup Status	Other Details
VM1	Protected	Completed	...
VM2	Unprotected	Failed	...
VM3	Protected	In Progress	...

Figure 1: VM Protected Asset report shows how each VM is protected, helping to easily identify VMs at risk

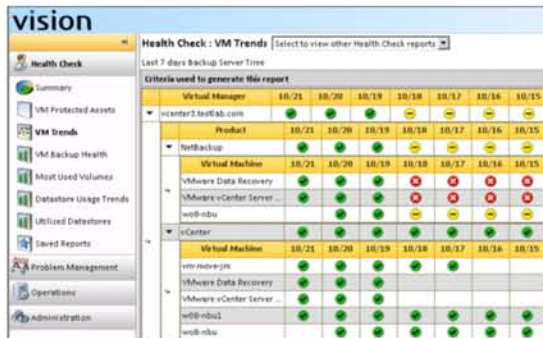


Figure 2: VM Trends shows data protection results over time, flexible views facilitate easy troubleshooting

Immediate Visibility into VM Data Protection Results

- Jobs displayed by type (full, incremental, snap, replication)
- Drill down into detailed job activity
- View trends over time to identify chronic issues
- Central view across multiple backup applications and servers

In-Depth VM Backup and Snapshot Capacity Analysis

- Easily determine snapshot capacity in each data store
- Quickly identify location (disk or tape) of VM Backups
- Reclaim capacity by identifying expired snaps and backups
- Determine capacity trends when adding additional VMs

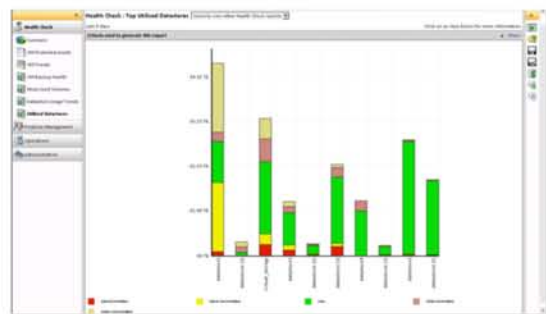


Figure 3: Top Utilized Datastore analysis shows how capacity is being utilized, detailed drilldown shows capacity used by snapshots

Track Performance to Identify Bottlenecks and Plan for Growth

- View the performance impact of backups from host and guest level
- Easily view CPU, memory performance during backup window
- View backup throughput on network
- Quickly view the impact of adding additional VMs to the backup process

Supported Applications

- VMWare vCenter
- VMWare vDataRecovery
- Quest vRangerPro
- Veeam Backup and Replication
- Symantec NetBackup 7.1