IBM Spectrum Protect Plus

Simplify data recovery and access for virtual machines

Highlights

- Deploy scalable, efficient, easy-to-use data protection for modern IT environments

- Achieve instant search and recovery of virtual machines (VMs), databases and files from a single global catalog

- Enable self-service access to data for DevOps and analytics teams

- Install quickly using Open Virtual Appliance (OVA) and agentless architecture

- Integrate IBM® Spectrum Protect™ (optional) for advanced data protection and storage

- Instantly identify storage utilization and backup compliance status with service level agreement (SLA)-driven protection management and monitoring

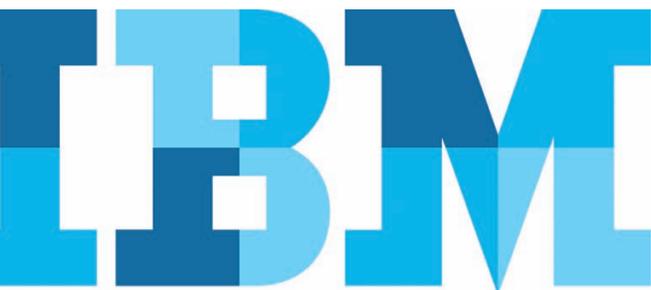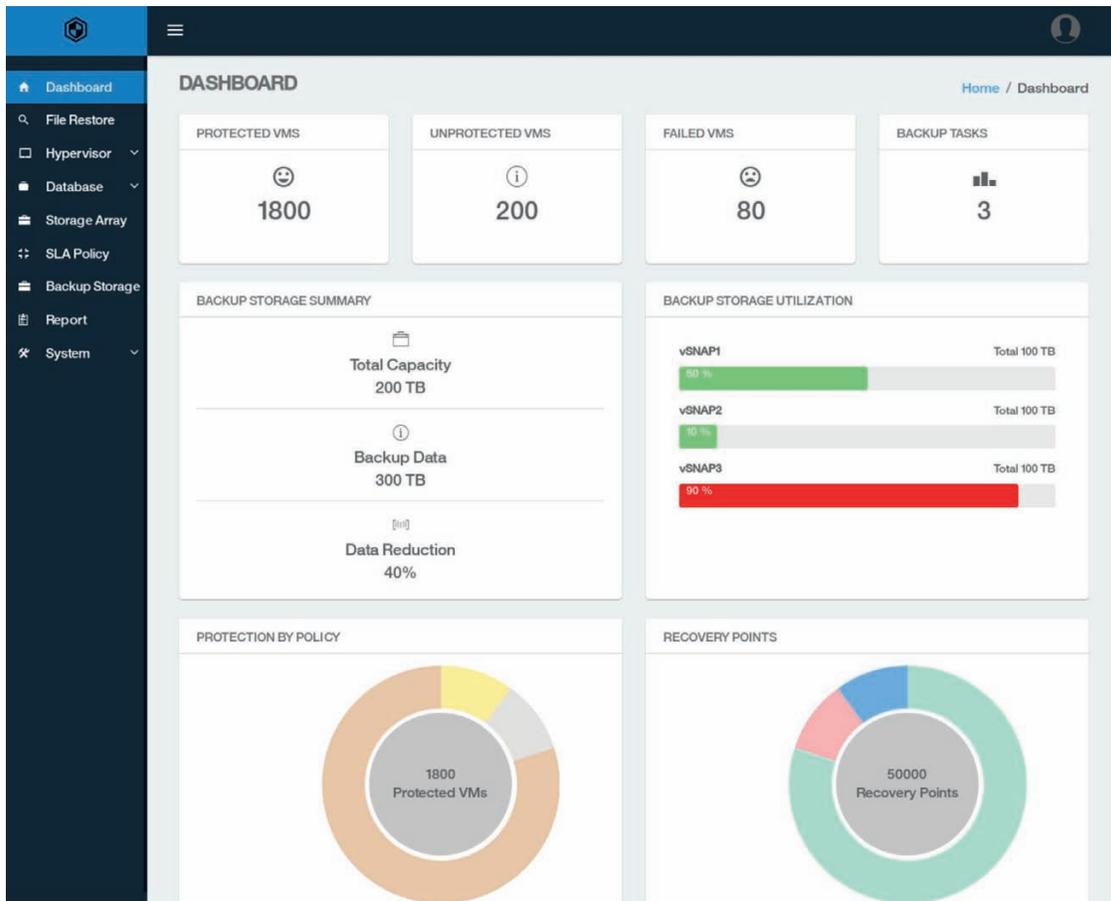Organizations struggle with the complexity involved in protecting data in modern IT environments. Robust data protection involves complex procedures, many IT resources and weeks to get everything working together. The ongoing maintenance is an even greater challenge—with agent management and storage resource allocation that often requires storage administrators and application owners to coordinate with backup and VM administrators. Fast access to the latest data for traditional data recovery as well as new data access use cases such as DevOps or analytics is required. Virtual environments are ubiquitous, so providing rapid access for multiple needs such as data protection, high availability and other data-reuse applications in VMware and Microsoft Hyper-V environments is critical to an organization's success.

Organizations need a solution that focuses on virtual environments, deploys quickly without costly service engagements, and is easy to manage. For many large organizations, the solution also needs to be capable of delivering enterprise-proven scale, efficiency and data governance.

IBM Spectrum Protect Plus is a new data protection and availability solution that simplifies VM and file recovery and access. It unlocks your data to provide value for emerging use cases, and can either be implemented as a stand-alone solution or integrate with your IBM Spectrum Protect environment to offload copies for long-term storage and governance efficiently at scale.

IBM Spectrum Protect Plus provides administrators with an easy-to-use dashboard of actionable information about backup status and options.

Protect everything efficiently and easily

IBM Spectrum Protect Plus leverages the data protection application programming interfaces (APIs) and data copy technology from your hypervisors to efficiently create application data snapshots, for improved recovery point objectives (RPOs). This solution creates and maintains a global catalog of all copies of VMs and files under protection, enabling an administrator to see what is protected—and more importantly, what isn't. When the need to recover arises, this catalog enables administrators to quickly search for and identify what they want to recover instead of browsing through hundreds of objects and recovery points. IBM Spectrum Protect Plus enables instant access and restore from the catalog so that an administrator can restore the organization's operations in a matter of minutes.

With IBM Spectrum Protect Plus, vital data is kept accessible with a flexible, cost-efficient solution that fits an organization's virtual environment. The solution provides visibility, insight and control into the data throughout the storage environment. It provides robust backups with granular RPOs and low recovery time objective (RTOs) in mind. Thoughtful user interfaces simplify management, and policy-driven controls enable an administrator to institute and maintain organization-wide standards for data protection and availability.

IBM Spectrum Protect Plus has integration with IBM Spectrum Protect, which enables administrators to seamlessly create a data copy that is off-loaded to one of the most scalable and efficient enterprise backup solutions available. Recommended for storing long-term backup copies, IBM Spectrum Protect can apply efficiency and scale-enabling technologies such as "incremental forever" backup methodology, deduplication, compression and encryption. IBM Spectrum Protect also facilitates seamless transport to and from many different storage architectures, including on-premises disk and tape, and private, public or hybrid cloud environments.

Unlock value from backup data

IBM Spectrum Protect Plus is more than just a backup solution. You can use it to derive real business value from your backup data. With this solution, you can quickly and easily spin up virtual machines or mount Virtual Machine Disk files (VMDKs) based on read-write clones. These can then be used for any situation where users need access to data. Examples of this are test-dev, reporting and analytics. Because IBM Spectrum Protect Plus is also enabled with a representational state transfer (REST)ful API, it can even be used as part of a DevOps workflow, helping to enhance modern, automated software development processes.

Role-based access via self-service portal allows non-backup staff such as database teams and application teams to manage backup, recovery and data access tasks, reducing the workload on IT staff. Administrators can use predefined roles to limit the access individuals have. For example, a backup administrator may be given full access while an application owner may only be able to access copies of specific data sets.

Easy setup and operation

IBM Spectrum Protect Plus deploys in minutes. Once in place, it builds a catalog of the organization's VMs and files within protected VMs. It does this using the data-protection APIs present in virtual environments and applications, eliminating the need for backup agents. Rapid deployment as an OVA image and easy configuration of backup target, agentless architecture and pre-configured SLAs mean that IBM Spectrum Protect Plus can begin protecting virtual environments in less than an hour, making this an easy-to-deploy VM data protection solution.

API-based management enables administrators to integrate backup and copy processes with scripts and third-party tools typically used for automation or cloud deployments. As new use cases emerge for backup data, this integration method can help ensure that an organization's data protection solution will address these evolving needs.

Why IBM?

IBM offers a vast portfolio of hardware, software and services, including industry-leading data storage products and solutions. Innovative technology, open standards, excellent performance and a broad portfolio of proven storage offerings—all provided by IBM, a recognized industry leader—are just a few of the reasons to consider IBM Spectrum Protect Plus.

For more information

To learn more about IBM Spectrum Protect Plus, please contact your IBM representative or IBM Business Partner, or visit: **ibm.com**/us-en/marketplace/spectrum-protect-plus

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