

DATA SHEET

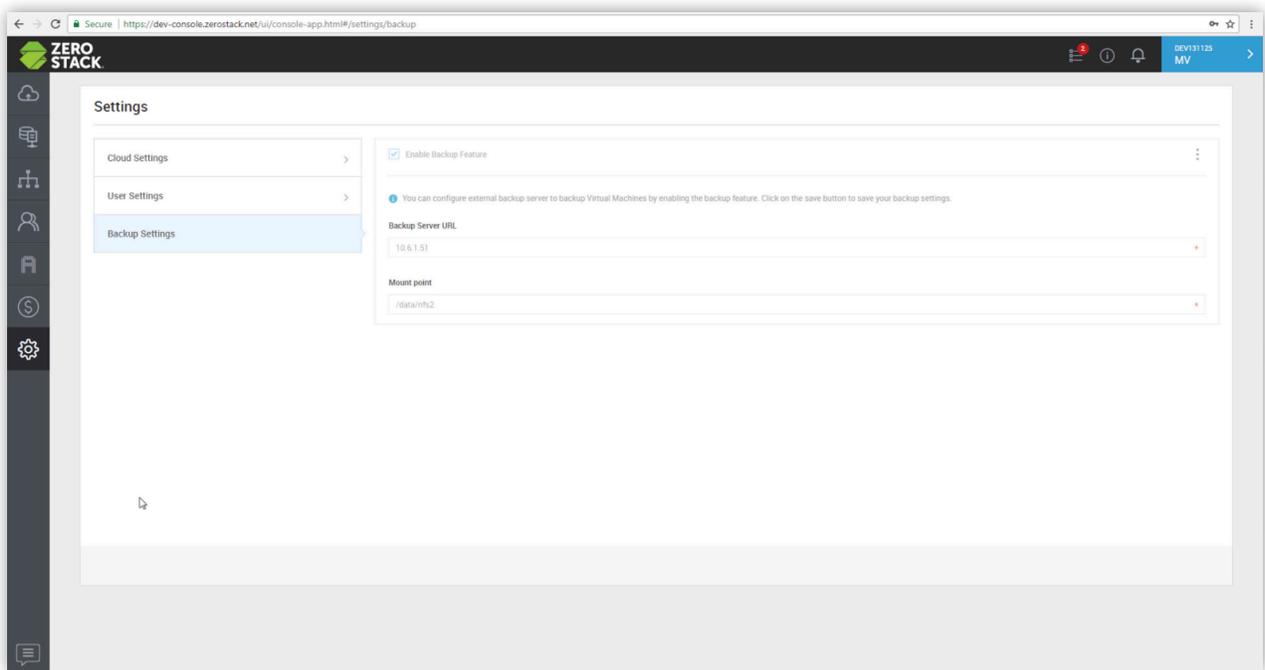
ZeroStack Backup

Built-in, Production Cloud VM Backup/Restore that “Just Works”

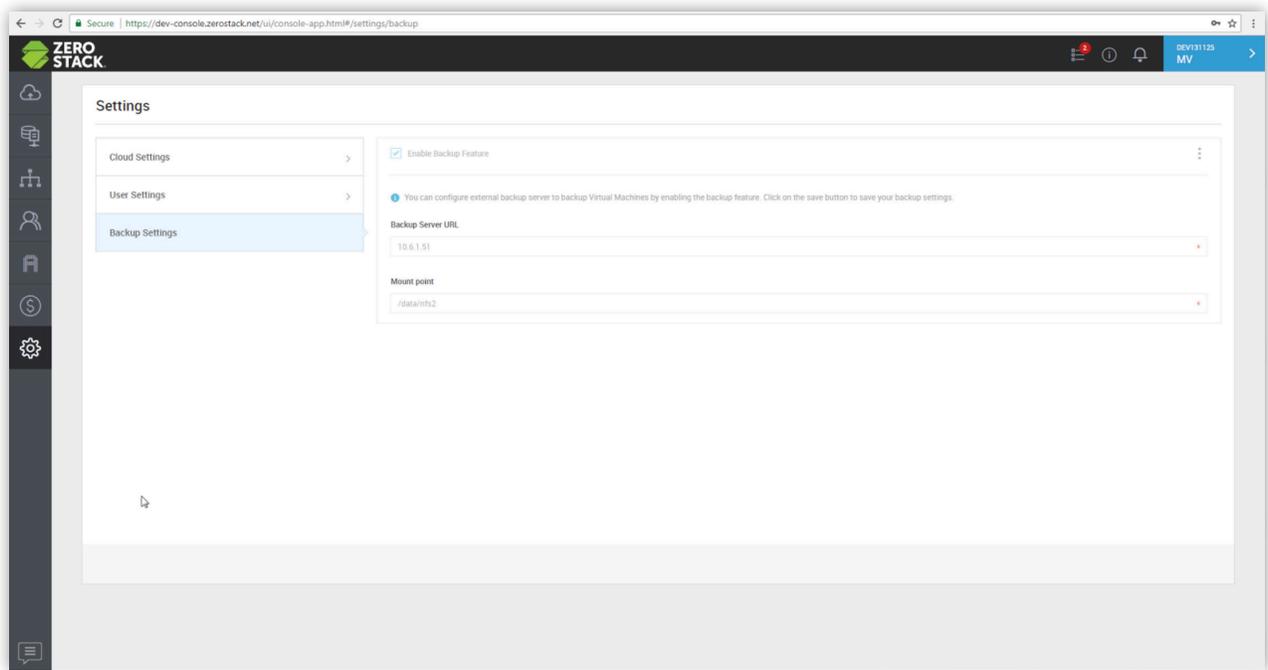
Introduction

ZeroStack’s built-in Backup provides a practical, intuitive, and reliable self-service production VM backup facility for users of ZeroStack’s Intelligent Cloud Platform. Quickly activated and easily configured by an administrator, ZeroStack Backup works with any external Network File System (NFS) storage appliance. Save backups independently and separate from cloud local and image storage, allowing you to comply with standard enterprise data recovery SLAs and retention requirements.

Project member users get comprehensive self-service backup capabilities: defining backup groups, executing full or incremental manual or scheduled backups on individual VMs or application groups, then restoring backups with a single click to meet demanding recovery-time and -point objectives, quickly, and reliably.



ZeroStack’s built-in Backup can be enabled by any admin, and easily configured to work with external NFS storage. Independent VM backups comply with enterprise data recovery SLAs, providing an important complement to VM point-in-time snapshots, stored locally with images.



Project member users can define backup groups enabling manual or scheduled backups of multiple running VMs, with one-click restoration, on demand; letting them meet stringent recovery time and recovery point objectives (RTOs and RPOs).

ZeroStack Backup: Powerful and Simple

Built-in, Pre-Integrated, Production Cloud Backup Facility	Built into the ZeroStack Intelligent Cloud Platform and easily enabled via the administrative WebUI, ZeroStack Backup integrates with NFS external storage in moments, and requires minimal training to use. You save time, money, and headaches, while efficiently meeting SLAs and goals for data recovery and retention.
Agentless, VM-Context and Application-Aware	ZeroStack Backup requires no installation of backup agent software on target VMs. It stores the VM's entire (or incremental) operating state, including all metadata (flavor, network configuration, OS, application, etc.) intelligently, enabling restoration of VMs and groups regardless of environment changes.
Self-Service Ready	ZeroStack Backup is easy to operate. Even non-technical users can quickly learn to create and manage backup groups, schedule backups, and execute restores, helping you save time and money while meeting SLAs.

ZeroStack Backup: Use Cases

Self-Service Backups for Developers and Project Users:	Remote Backup for Disaster Protection:	Agile Operations:
<p>Backup and restore individual VMs, small development, tooling, and production environments (e.g., LAMP/LEMP servers, DB servers, Jenkins servers, local repos). Safer, and easier to manage than snapshots, and reduces burdens on local image storage.</p>	<p>ZeroStack Backup can use any nearby or off-site NFS file store for protection against local disruptions and/or natural disasters.</p>	<p>Capture an application and its data for migration using backup and vacate VMs from specific compute nodes, enabling maintenance of physical host, storage, or networks.</p>

ZeroStack Backup: Benefits

Faster Time to Value	<ul style="list-style-type: none"> ZeroStack Backup is built-in and integrated with the ZeroStack Intelligent Cloud Platform, and fully administrable via the ZeroStack administrative WebUI. No SSL to servers, no command-line complexity required to enable or use. Given the IP address and mount point of an external NFS filestore, admins can enable ZeroStack Backup in a few minutes. Simple, self-explanatory web-based controls let anyone – even non-technical end-user project members – create backup groups and comply with simple backup workflow requirements.
Reduce CapEx	<ul style="list-style-type: none"> ZeroStack Backup – equivalent to best-in-class third-party backup solutions costing tens or hundreds of thousands of dollars, and can be enabled with no integration effort and no help from consultants. ZeroStack Backup is compatible with any industry-standard NFS file store, enabling use of low-cost commodity equipment and/or cloud services for backup storage.
Reduce OpEx	<ul style="list-style-type: none"> Simple to use, web-managed, ZeroStack Backup lets project members self-serve, reducing admin workloads.
Make Operations Resilient and Compliant. Meet SLAs and RTO/RPOs	<ul style="list-style-type: none"> Full-featured backups, stored outside local cloud failure domains (even remotely) provide enterprise-class protection for critical apps and data. Rapid, seamless, accurate restore capability provides an extra measure of assurance against data loss and downtime.



About ZeroStack

ZeroStack Intelligent Cloud Platform is a fully integrated cloud solution that delivers the simplicity and agility of a public cloud along with the performance and control of a private cloud at a fraction of the cost.