

Boost Your Operational Efficiency with Scheduler



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Scheduler

Streamline. Automate. Optimize

Our resource management tool is designed to enhance efficiency and precision across your digital infrastructure, making it ideal for environments with high demands such as e-commerce sites and critical financial services. With this tool, users can plan and execute resource allocation effectively, ensuring resources are utilized at the right time for optimal performance.

This automation simplifies workflows, integrates smoothly with existing systems, and is great for IT managers and system admins handling complex environments. It enhances operational efficacy and strategic decision-making for organizations aiming to optimize digital operations.

Key Features



Dynamic Power Management

Automatically control the activation and deactivation of your virtual machines to align with your operational schedule, ensuring efficient management of power states based on your predefined settings.



Time Alignment

Ensure your operations are synchronized across multiple time zones. This tool lets you adjust activity schedules to match local business hours anywhere in the world.



Resource Flex Scaling

Enable dynamic resource allocation with scalable patterns to meet operational demands, adjusting resources up or down across multiple virtual machines based on current needs.



Snapshot Management

Schedule and execute data backups with control over frequency and timing, setting up snapshots according to your data protection strategy to ensure backups are executed as planned.



Proactive Notifications

Stay informed with email alerts and detailed logs for scheduling activities. Receive updates on power adjustments, resource scaling, and snapshot management.

Enhance Scheduling Precision with Insights Hub

Following the robust features of our Scheduler, the Insights Hub acts as your strategic partner in refining these capabilities to their fullest potential. Available on Rapid's self-service provisioning portal, the Insights Hub is a cutting-edge analytics platform that transforms complex data on resource usage and system performance into clear, actionable insights. This invaluable tool is especially useful for those new to resource management, as it breaks down operational demands into digestible information that allows precise customization of scheduling strategies to suit actual needs. With the Insights Hub, you gain the power to make informed decisions that enhance operational efficiency and elevate performance, ensuring your resource management strategies are both proactive and responsive to your organization's evolving requirements.



Maximizing the Strategic Benefits of Scheduler



Cost Efficiency

The Scheduler optimizes resource management by aligning it with usage patterns, enhancing cost efficiency. This approach ensures resources are conserved and used economically, without incurring additional costs.



Improved Performance

The Scheduler executes scheduling patterns with pinpoint accuracy, deploying resources precisely when needed, significantly enhancing system performance and reliability.



Enhanced Security

Regular, automated volume snapshots by the Scheduler maintain data integrity and enable swift recovery, enhancing overall security and protecting against data loss to ensure continuity.



Operational Flexibility

The Scheduler offers significant control over infrastructure management, allowing detailed customization of resource utilization. This flexibility is crucial for adapting to specific business needs, enhancing operational efficiency and responsiveness to market conditions.

Activation Process

To activate scheduling for virtual machines, please initiate a request through your Account Manager. On the other hand, Volume Snapshot Scheduling is available by default and can be immediately accessed through your user interface, enabling you to manage and schedule snapshots as needed.

1

Contact your account manager

To activate scheduling for virtual machines, please initiate a request through your Account Manager



2

Login to your self-service portal

Login to the self-service portal to access the scheduler interface



3

Create your schedule policy

Define the necessary information such as start/stop pattern and scale up/scale down pattern



4

Attach your schedule policy to your VM

Pick your desired virtual machine and attach the relevant policy to it. You'll receive a confirmation once it's attached successfully



You Can Now Schedule Your Snapshots Too!



Create your snapshot schedule policy

Define the essential information such as frequency (daily, weekly, or monthly), execution time, and maximum snapshots to keep

Attach your snapshot policy to your volume

Pick your desired volume and attach the relevant snapshot policy to it. You'll receive a confirmation email once it's attached successfully

Unlock Exceptional Operational Efficiency with Advanced Scheduling

Picture your organization running as smoothly and effectively as major players in the business world. Here's why you can't afford to miss out on integrating our advanced scheduling capabilities:



Media

We adjust server capacity in real-time to match viewer demand, ensuring a smooth viewing experience even during peak traffic. This cutting-edge technology guarantees flawless service, enhancing customer satisfaction and loyalty.



E-commerce

Automating tasks like data backups and batch processing boosts efficiency and data integrity. Use our schedule to cut downtime and speed up responses, making operations leaner and cost-effective.



Travel and Hospitality

We use smart scheduling to improve server and data handling for smooth user interactions. With our solutions, boost agility, scale easily, and maintain top performance.

Frequently Asked Questions

- What is the Scheduler?**
The Scheduler is a resource management tool offered by Rapid through its self-service provisioning portal. It enables precise scheduling of virtual machine operations and snapshot management, ensuring resources are utilized exactly when needed, enhancing efficiency, and reducing costs.
- Who can use the Scheduler?**
The Scheduler is ideal for any organization that requires meticulous control over its computing resources. It is particularly valuable for businesses with fluctuating resource demands, such as e-commerce sites, financial institutions, and data centers.
- Are there any team roles defining who would have access to define such schedules?**
Yes, access to define and manage schedules is initially granted only to administrative users by default. Administrators can then extend these rights to other team members based on their roles within the organization, ensuring that access aligns with internal security protocols and operational needs.
- What types of scheduling are available with the Scheduler?**
The Scheduler offers two main types of scheduling: VM (Virtual Machine) scheduling, which includes start/stop and scale up/down options, and Snapshot scheduling, which allows for automated data backups at specified intervals.
- Can I schedule different operations to occur simultaneously?**
Yes, the Scheduler allows for multiple scheduling patterns to be active simultaneously. You can set different virtual machines to scale up, scale down, or switch on/off at the same times or at different times based on your operational needs.
- Is the Scheduler suitable for managing resources in large-scale operations?**
Absolutely. The Scheduler is designed to handle large-scale operations efficiently, providing robust scheduling options that can manage numerous resources across various operations, making it ideal for large enterprises and complex infrastructures.
- Can I apply scheduling patterns to multiple resources?**
Yes, the Scheduler allows you to create scheduling patterns that can be applied to multiple resources. Once a pattern is established, it can be easily attached to various virtual machines or snapshots as required.
- Are there any limits to the number of schedules I can create?**
No, there is no limit to the number of schedules you can create with the Scheduler. This feature provides you with unparalleled flexibility to manage your resources efficiently.
- Where can I find more help or support for the Scheduler?**
For additional support or questions about using the Scheduler, you can reach out to our dedicated support team via the Rapid support portal or consult the detailed guides and documentation available in the help section of your provisioning portal.



Glossary

Resource Management Tool: A tool designed to optimize efficiency and precision in digital infrastructure, suitable for environments with high demands such as e-commerce and financial services.

Virtual Machine Scheduling: A feature allowing users to set specific start/stop times and scaling options for virtual machines.

Volume Snapshot Scheduling: Enables users to schedule snapshots of volumes on daily, weekly, or monthly frequencies, with retention management for snapshots.

Dynamic Power Management: Automatically controls virtual machine activation and deactivation based on operational schedules.

Time Alignment: Adjusts scheduling activities across different time zones to synchronize with local business hours.

Resource Flex Scaling: Allows dynamic adjustment of resource allocation across multiple virtual machines.

Snapshot Management: Facilitates scheduling and execution of data backups with customizable timing.

Proactive Notifications: Sends email alerts and application logs for significant scheduling activities.

Insights Hub: An analytics platform that provides actionable insights into resource usage and system performance.

Cost Efficiency: Aligns resource usage with actual patterns to optimize operational cost management.

Improved Performance: Ensures optimal deployment of resources to enhance system performance.

Enhanced Security: Maintains data integrity with automated volume snapshots and swift recovery options.

Operational Flexibility: Provides customization options for managing infrastructure resources.

Activation Process: Steps to initiate scheduling for virtual machines and volume snapshots.

Virtual Machine Scheduler Setup: Detailed steps to create, configure, and manage virtual machine schedules.

Volume Snapshot Scheduler Setup: Steps to set up and attach snapshot schedules to storage volumes.

Deleting Schedules: Process to remove schedules from the Rapid Portal.

Real-World Applications: Examples of how companies like Netflix, Amazon, and Airbnb use similar scheduling technologies.