MBS for Windows 6.0

Release Notes

**January 31, 2019**

These release notes provide information about the latest release of the MBS desktop client for Windows (6.0).

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About MBS desktop client 6.0

MBS 6.0 is a major release, featuring new functionality and enhanced performance. See **New and Updated features** to get a closer look at the novelties. MBS is a cross-platform, cost-effective, flexible, and versatile backup and recovery solution that enables businesses and ordinary users to perform automatic backups to various cloud storage services. Advanced features like encryption, compression, and synthetic backups facilitate more efficient, swift, and secure file transfer between your local computer and the cloud. Ultimately, the result is an unmatched conflation of reliable backup, automatic scheduling, and highly customizable backup configuration.

Key benefits

* Cloud backup to Amazon S3, Glacier, Microsoft Azure, Google Cloud, OpenStack, Rackspace, and various other cloud storage services.
* Local backup to hard drives and NAS-like storage solutions.
* Image-based backup.
* Encryption and compression for more secure and swift backups.
* Flexible backup & restore plans.
* Restoration of image-based backups as instances of Amazon EC2 and Microsoft Azure VM.
* Easy setup of backup plans with the ability to configure schedule, retention policy, and email notifications.
* Synthetic and block-level backup for expedited upload.

New and Updated Features

New and updated features in MBS desktop client 6.0.

Resuming Image-Based Backup

Prior to release 6.0, MBS desktop client would completely re-upload the entire image if an image-based backup failed due to user intervention or internet connection outage. This proved to be extremely inefficient, especially when the estimated upload time was close to several days. Imagine that you're backing up a 4-terabyte SSD, and midway through the execution your internet connection falls off. Those two terabytes that are already in the cloud are not reusable and will have to be re-uploaded again during the next execution. In release 6.0, however, we've implemented upload resumption for image-based backups, letting you upload only the remaining data in case the plan was prematurely terminated.

Storage-Specific Retention Policy in Hybrid Backup

In previous versions of MBS desktop client, if you configured a hybrid backup plan, the retention policy of this plan applied to both the local and the cloud storage. In other words, you couldn't configure individual retention policies for each storage. That's no longer the case, as MBS desktop client 6.0 enables you to configure an individual retention policy for each storage.

Support for S3 Intelligent-Tiering

Amazon has recently announced its latest S3 storage class — **S3 Intelligent-Tiering**. It's primarily aimed at customers who want to automatically optimize storage costs when data access patterns change. For example, if you store some data under **Intelligent-Tiering** and you don't access that data within 30 days, Amazon will automatically move it from the default frequent access tier to the infrequent access tier. This approach is convenient if at the time of backup you don't know if the data will be frequently accessed. MBS desktop client 6.0 brings support for S3 Intelligent-Tiering and you can enable it in the MBS Web Console.

Direct Upload to Glacier

Another S3-related improvement is the ability to back up data directly to the Glacier storage class instead of the previous approach where data would first be uploaded to S3 and then moved to Glacier. To back up data directly to Glacier, indicate the **Glacier** storage class in the MBS Web Console.

Expedited Image-Based Backup

Another key feature of MBS desktop client 6.0 is the significantly reduced restore time of image-based backups. We all know that restore time is critical when it comes to disaster recovery, and the faster you can recuperate your malfunctioning hardware, the better.  With this in mind, we've implemented a few tweaks in MBS desktop client 6.0 to give a significant boost to the image-based restores.

**Resolved Issues**

In MBS 6.0

The following table illustrates issues addressed in release 6.0.

|  |  |
| --- | --- |
| Resolved Issue | Issue ID |
| Incorrect restore limit calculation in Hyper-V image-based backup | 6675 |
| No notification when the backup service stops | 4600 |
| Inability to perform item-level restore | 5710 |
| Inability to start the backup service when switching the edition to desktop | 6022 |
| The app tries to create an Azure Disk of size lower than 50 GBs. | 6472 |
| The app would list incorrect subscriptions for the corresponding Azure tenant | 6582 |
| Repetitive OpenStack 412 error code | 6617 |
| Inability to import B2 accounts from CloudBerry Explorer | 6893 |
| The app wouldn’t display the container name of the existing Auro accounts | 6858 |
| Ability to change buckets when modifying the account’s credentials | 6861 |
| Selected virtual disks are reset when going back and forth inside the Backup Wizard (VMWare) | 6888 |
| Ability to change the plan’s name despite it being forbidden by the Advanced Rebranding options | 6797 |

**Known Issues**

The following table displays known issues that are to be addressed in the future releases of MBS desktop client.

|  |  |
| --- | --- |
| Issue | Issue ID |
| Delayed first scheduled execution | 5679 |
| Discrepancy between the reported and the actual backup size | 5681 |
| Excessive number of requests to OneDrive and OneDrive Business | 5680 |
| Failure to select Exchange 2016 databases | 4303 |
| Identical prefixes for multiple servers | 5650 |
| Enable backup of files with unsupported characters in filenames to Azure | 3274 |

**System Requirements**

Before installing MBS 6.0, ensure that your computer meets the following minimum software and hardware requirements.

Hardware requirements:

* 1.4 GHz 64-bit processor;
* 512 MB RAM;
* 100 MB of free disk space;
* Internet connection.

Software requirements:

* Windows 7/8/10 or Windows Server 2003/2008/2012/2016.

**Getting Started**

Installation Instructions

1. Get the installer on the MBS [Web console](http://www.mspbackups.com/).
2. Double-click on the **.exe** file to launch the Windows installer. If some required software frameworks are missing, the installer will prompt you to fix it.
3. On the first launch, enter the user’s credentials that were generated on the MBS Web console beforehand.
4. After launching the program, you can begin configuring backup & restore plans. Be sure check out our [Help section](https://mspbackups.com/Admin/Help.aspx?c=Contents/help_get_started.html) that exhaustively explains all the pitfalls of setting up the MBS desktop client.