
Marimba App For Home

Version: 9.0.00

November, 2015

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Marimba version 9.0.00 is released. This document provides information about a new Marimba application, which allows registered Marimba Cloud consumers to backup/restore important data from their machines to multiple devices.



NOTE

- Marimba App for home is required to be installed in order to access the user interface for doing backup/restore using Marimba Cloud.
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Contents

Marimba App For Home

Introduction	3
Getting started with "Marimba App For Home"	3
Launching Marimba App For Home	5
Automatic launch in browser	5
System Tray icon	5
Desktop shortcut	5
OS Limitation for launching Marimba App For Home	6
Marimba App for Home: The Start Page	6
Home Page	7
Navigation Menu	8
Backups/Restores page	10
Quick link to change settings	11
Info boxes for cloud provider	11
Settings on the Backups/ Restores page	12
View your available Backups	13
Add a Backup Task	14
Steps to Add Backup Task	14
Backup Tasks	15
Working of Backups and Restores	16

Marimba App For Home

Introduction

Marimba App For Home is an app that provides Marimba Cloud consumers the capability to backup/restore important data/content from their machines and share those contents across multiple devices, while providing key points of information pertaining to the consumer's device, app usage and account information.

A Marimba Cloud consumer is provided Marimba App For Home automatically when a Marimba Cloud agent is installed on a device. The app is pre-configured with the Marimba Cloud consumer details, and is thus able to synchronize information/settings with Marimba Cloud whenever the app is running. The consumer can interact with this app via a browser-based interface on devices. Marimba App For Home can be used to perform backups to most of the popular cloud providers (at present, this includes Box, Dropbox and Google Drive). In addition to these cloud providers, a consumer can also choose to backup their data directly to Marimba Cloud servers, providing them all the benefits of Marimba's optimized file distribution protocol.

Getting Started with "Marimba App for Home"

When browsing to Marimba Cloud for the first time, you must follow the steps below to gain access to "Marimba App for Home".

- To Start navigate to <http://www.marimbacloud.net>
- Click on "Try Marimba For Home"
- Click the "Subscription" page
- Select one of the options from the below "Marimba Cloud Subscriptions" :
 - Basic - The free package
 - Advanced
 - Premium

Note: Read the details from the package in order to find what is there on each page.

- When you click on one of them, the registration form opens up.
Enter your personal details: change your subscription type if needed, limited personal details, etc.
In addition, you need to enter the following:

Choose a “profile” name; this is a “unique” identifier for your organization. Choose a profile name that’s closely associated with your organization, i.e. “acmecorp”

- a. Choose a username and password. You will eventually use this wherever you log into Marimba Cloud.
 - b. Enter a valid email address for correspondence with Marimba Cloud representatives.
- Review the license agreement, and **click** register.
 - You receive an email with a verification link to click. Once you do that, your registration is completed. Eventually, you will receive another email when your registration is “approved”. This email is called the “**welcome kit**”.

The “welcome kit” arrives with a list of multiple items of information that is required for proceeding with the Marimba App For Home feature:

1. URLs for downloading the installer for Marimba App For Home depending on the targeted operating system. At present, you can get an installer for Marimba App For Home for Windows, Linux and Mac.
 2. Link to the cloud-based console (called MMS) for getting summary information about your endpoints.
 3. Link to the online wiki where you can get more information about Marimba Cloud as a knowledge resource.
 4. More information about how to access Marimba Cloud support, etc.
- The user will be able to access the UI once, the Marimba App For Home is installed..

Launching Marimba App For Home

Automatic launch in browser

When the Marimba Cloud endpoint is installed successfully, you will see the default Internet browser (e.g. Internet Explorer, Chrome, Safari, etc.) launch, and the start page will be displayed.

System Tray icon

On Windows machines, you will see an icon representing Marimba App For Home in the system tray:



When you Right click this icon, it will give you a context menu options to either “**launch**” Marimba App For Home (which will accordingly open up in the browser) or to “**stop**” the Marimba App For Home app.

Note: In the unlikely event of your browser failing to launch, you can access Marimba App For Home by opening your Internet browser, typing: <http://localhost:8585> in the browser and pressing Enter.

Desktop shortcut

On Windows machine, you will also see a desktop shortcut representing Marimba App For Home. A Click on this will also start up Marimba App For Home (in the browser).



OS Limitations for launching Marimba App For Home

As you may have noticed, some of the options to launch Marimba App For Home are only available on Windows. In case you are unable to use any of the available options to launch Marimba App For Home, you can do so by typing: <http://localhost:8585> and pressing Enter..

Marimba App For Home: The Start Page

The Marimba Client start page, also known as the Home page, is the first screen that is visible in the browser when the app is launched. It's main purpose is to provide important information about the device the app is running on, details of the consumer and details of the underlying Marimba Cloud agent that is deployed on the device.

The Home Page for Marimba App For Home looks as below:

The screenshot shows the Marimba App For Home interface in a web browser. The browser address bar shows <http://localhost:8585/marimba.html>. The page has a dark blue sidebar on the left with the Marimba logo and navigation links: Home, Get More Apps, Backups/Restores, Purchase More Storage, and Access Marimba Cloud Online. The main content area is titled "Marimba App For Home" and features several status cards:

- MARIMBA CLOUD Basic Package:** Includes a "Change Package" button.
- STORAGE AVAILABLE:** Shows 26.3168 GB / 27.02 GB Free.
- BACKUPS UPLOADED:** Shows 0.7027GB with a "More Details" link.
- Note:** A message about purchasing more storage or associating free storage providers like Box, Dropbox, or Google Drive.
- Your Device Information:** A table with details about the device.

Details	Value
Device Name	IMPULWS13041A
Operating System	Windows 7,x64
IP Address	172.28.138.251
- DIFFERENT NETWORKS JOINED:** Shows 1 in the last 24 hours.
- LAST BACKUP TIME:** Shows Mon Nov 02 18:04:25 IST 2015.
- LAST MARIMBA CLOUD SYNC:** Shows Fri Nov 06 12:06:55 IST 2015.
- CHANGES IN INSTALLED APPS:** Shows 3 in the last 24 hours.

The Windows taskbar at the bottom shows various application icons and the system clock indicating 12:14 PM on 11/6/2015.

Home Page

The Home Page is the start page of Marimba App For Home. Going through each section of the UI, starting from top-left portion of the screen gives the following information/functionality available on this page:

- A “hamburger” icon for collapsing/expanding the navigation menu. Useful for saving screen space when viewing Marimba App For Home on very small screens.
- A description of the Marimba Cloud package that was purchased by the consumer during registration (e.g. Basic Package).
- A description of the “storage available” from all cloud providers who have been utilized during backup/restore operations. This will be clarified in more detail in the Backup and Restore section of this document.
- A description of the “total usage” of storage by backups performed using Marimba App For Home. This will be clarified in more detail in the Backup and Restore section of this document.
- Some rudimentary information about the device that Marimba App For Home is being viewed on (i.e. device name, operating system, etc.), along with buttons to access the Marimba Cloud, and an additional button for viewing “extended” device information. The Device Information button in particular opens up a new browser in which a “tree” like view of your device’s hardware/software information is made available.
- Information about how many networks this device has “traversed” in the last 24 hours (i.e. going from your office network to home and back).
- The last time a backup was performed in Marimba App For Home.
- The last time the device’s extended information was uploaded to Marimba Cloud servers.
- How many applications were installed/removed since the last time the device was “checked” by the Marimba Cloud agent.
- How compliant the device is in terms of OS security (i.e. number of “missing” patches, “installed” patches, etc.)
- How compliant the device is with policies configured in Marimba Cloud (i.e. number of applications/packages that are not present in the device when they should be, etc.)
- A list of all installed applications on the device. You can also use the provided button to get more such applications from the Marimba Cloud channel store, which is a web-based self-service portal for requesting applications. You can use the credentials you specified during registration in Marimba Cloud in order to access the service portal.

Navigation Menu

Tabs available on the menu:

The navigation menu is visible on all UI screens in Marimba App For Home. It refers to the vertical menu on the left-hand side of the page. The user can use the navigation links on this menu to quickly navigate to important screens of Marimba App For Home. Below is the brief description of all the tabs:

- **Home:** You can navigate to the home page by clicking the below icon on the top right hand side of the page when on any other page.



- **Get More Apps:** This option on the vertical menu facilitates the registered customers to view the other apps on the Marimba Online Channel Store. The customers can log into using the same user name and password that they had specified during the registration to view and download other softwares to cater their requirement.

- **Purchase More Storage :** This option takes the Marimba App consumer to a screen where he can choose to purchase more storage in Marimba Cloud for backup/restore. It enables the consumer to submit the request for additional cloud storage in terms of MB/GB/TB to suffice his need.

From this page the consumer can also submit the request to change the subscribed cloud package. Refer to Section "Portability" on page no. 9 for more information.

- **Access Marimba Cloud Online :** This option on the vertical menu on the left hand side takes you to the Marimba Management Studio. It is a lightweight cloud-based console which can be used to view compliance reports and storage related audit details for the customers account.

You can also access the Marimba Management Studio by typing the below link in the browser:

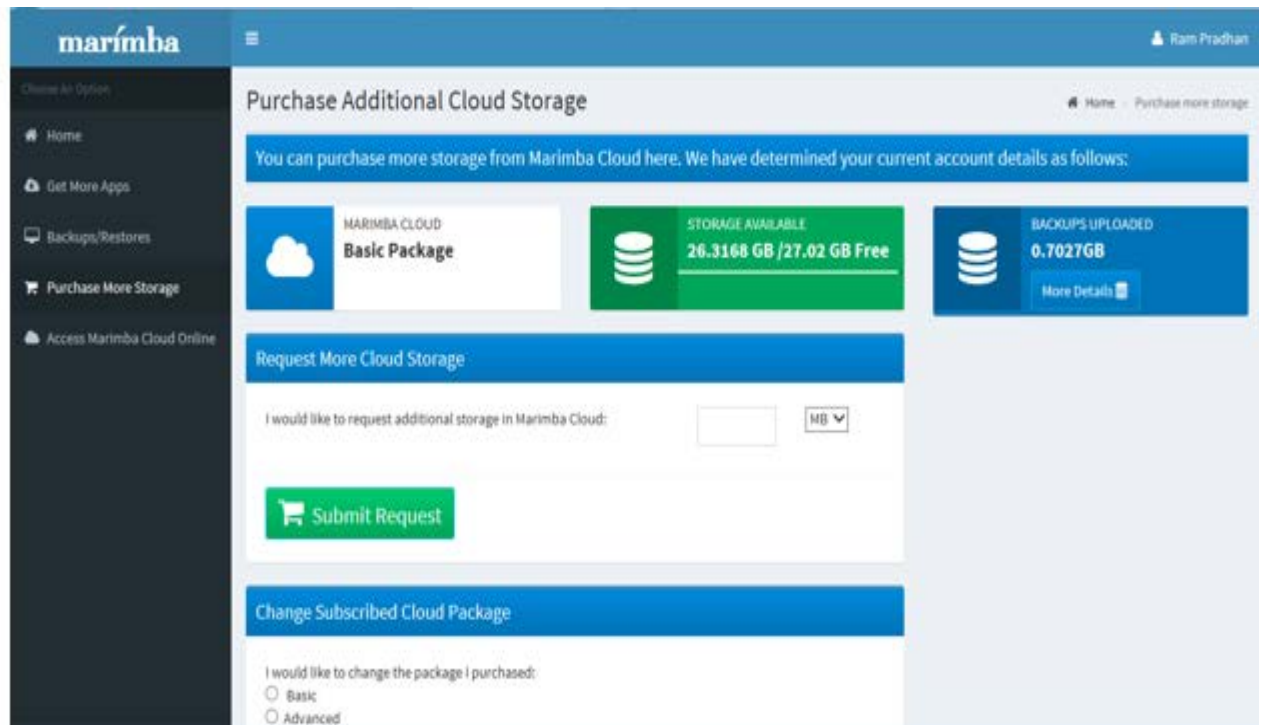
<https://console.marimbacloud.net:7788/>

Note: The customer can use the same user name and password to log into this page which they had specified during the Marimba Cloud registration process. For example: *Harman\John*.

- **Backups/Restores:** This option assists the consumer to perform backup/restore on the device.

Portability:

Marimba App For Home is designed for multi-device backup/restore. For example, you can backup content from one device and then “restore” it onto another device. All that is required is to install the Marimba Cloud agent onto each device (which also brings up the Marimba App For Home app on each device). Any setting changes done from one device (i.e. setting backup schedule, or adding a backup of your emails folder to Google Drive) is applied on other devices that you host Marimba App For Home on.



From this page, you can do one of the following:

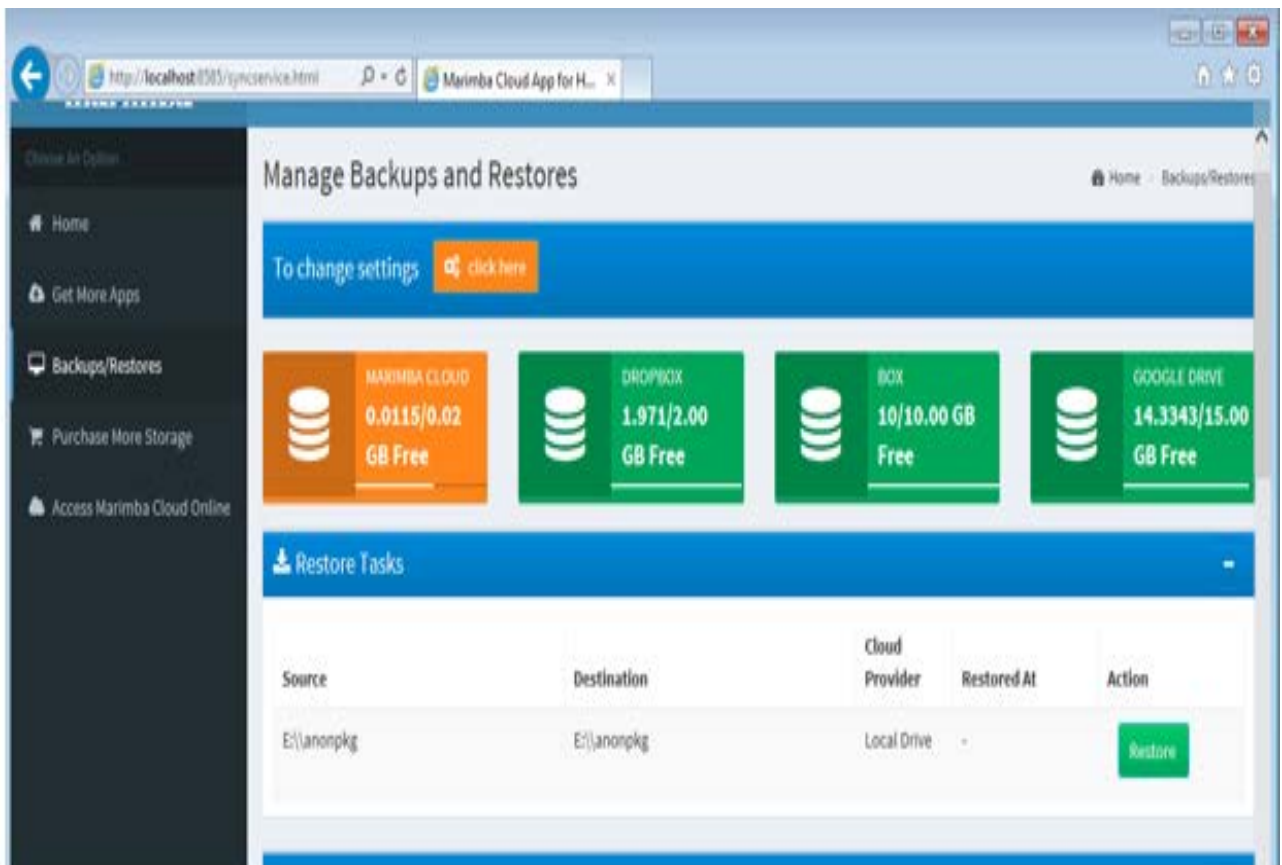
- Request an “**increase**” in the max storage of Marimba Cloud. At present, when using the Marimba Cloud storage provider, you are restricted (as of the time of writing this document) to 20GB of storage. You can request an increase in this limit from this option.

Or,

- You can request a “**change**” in your subscribed package (i.e. you can upgrade to an Advanced or Premium Package in case you earlier opted for the Basic Package).

Backup/Restore Page

The Backup/Restore page is the screen from which Marimba Cloud consumers can perform backups and restores of important content on the device. Before we delve into how this can be achieved, let us take a look at the screen and get an idea of the options and information available in the UI:



Quick link to change settings

A bar on top half of screen takes you to the section for changing Backup/Restore settings. This section is further explained in this document.

“Info” boxes for cloud provider information

You can use Marimba App For Home to perform backups to the following cloud providers:

- Dropbox
- Box
- Google Drive
- Marimba Cloud (the cloud based service that Marimba Cloud consumers get access to)
Local backups (where the backup location can be a local folder, or net share)

Except for the “local backups” category, all backups done to the other cloud providers are tracked in terms of storage use; the info boxes at the top of the screen provide information about how much free space is available in each individual cloud provider.

- The storage specific information is available in info boxes only if the storage provider is enabled in Backups/Restores settings. If it is not enabled then the info box will display "Not Available" . Refer to section "Settings" on page no.12 for more information on enable/disable cloud storage provider.
- The information in storage provider's info box will be refreshed only when you attempt 'backup' to that particular storage provider.
- If the size of backup is very less i.e. in bytes or KBs the size of backup uploaded may not show up in info boxes on Backups/Restores page. However, on home page if you click on "More Details" button in "Backups uploaded" info box there you can see the actual size of backups uploaded to each of the storage providers.
- The color of the info boxes represent availability of storage space to backup data. This gives clear indication to the user to decide if there is enough space to backup data on the storage provider.
 - If the available storage space to backup data on a storage provider is **less than 30%** of the total storage space then the info box will show up in '**Red**' color.
 - If the available space is between **30-60%** it will show up in '**Orange**' color.
 - If the available space is **more than or equal to 60%** it will show up in '**Green**' color.

Settings

This section at the end of the Backups/Restores page gives the consumers the readiness to choose the options as per their requirement.

Add Cloud Providers: This setting gives the Marimba cloud customer the flexibility to choose the providers that can be used as a repository. In case the customer is interested to allow the Dropbox and Google Drive account only to be used as repository, he can disable the check box against the 'Allow your Box account to be used as a repository' and keep the other two options enabled.

Schedule Backups: The customer can also configure Marimba App For Home to remind him about the backup to be performed on fixed intervals specified in minutes in the UI. He can check the box against "Allow scheduled backups to happen" and it will notify the customer of the scheduled backup. When it's "time" to backup:

- On Windows platforms, a balloon notification opens up in the system tray icon, informing you of the need to backup. Rightclicking the icon, you will see a new context menu item which says "Time To Backup!"; clicking this button brings up the Scheduled Backup page, from where you can trigger a backup.
- On non-Windows platforms (i.e. Linux/Mac), due to the absence of icons, you will see the browser open up.

Local Drive Backup: The customer can specify the location of the local network drive where he wants the backup to be restored.

After entering all the fields, click on the "**Save Settings**" to save all the settings made.

View Your Available Backups

Any backups that you have performed are available to you in the Restore Tasks section:

Restore Tasks				
Source	Destination	Cloud Provider	Restored At	Action
E:\\anonpkg	E:\\anonpkg	Local Drive	-	<button>Restore</button>

You can press the Restore button in order to trigger a restore of the folder/file that you backed up. The process of restoring of backed up content can vary depending on the cloud provider that was used. Refer to Page no. 16 for more information.

Add a Backup Task

In this section, you can specify the details for “configuring” a backup task in Marimba App For Home:

You can choose one of the cloud providers from the options available, and click the Add Backup Task button, which should automatically save the task in the available Backup Tasks section.

Steps to Add Backup Task:

Step 1 (mandatory)

Enter the full path of the location of folder or file that you want to backup.

Note: The new backup task can not be added to an existing source. Eg. If you have added a backup task to backup at "C:\ReleaseDocs" then you cannot add any other backup task whose Source folder is "C:\ReleaseDocs".

Step 2 (optional)

Enter the full path location of folder where you want to restore the backed up content. This option can be used only if the restore location is different from the location from where content was backed up. In order to enable this option you need to select the checkbox "Move to a different folder during restore" .

Step 3 (mandatory)

Select the cloud provider from the drop down list where you want to backup content.

Note: "Marimba Cloud" and "Local Storage" will always be listed in the dropdown. The other cloud storage providers (i.e. Dropbox, Box and Google Drive) will be listed in the dropdown only if you have selected them in Backups/Restores. If any of these are not selected in the "Settings", they will not be listed in the "Cloud Provider" list under "Add Backup section" .

After you have provided necessary information click on "Add Backup Task" button to create new backup task. After clicking this button you will see a model appearing on the screen that displays the information that you had provided for the backup task. When you click on the 'close' button, you can see this backup task will be listed under "Backup Tasks" section.

Backup Tasks

Tasks can be added using the "Add Backup Task" button shown as below:



The screenshot shows a window titled "Backup Tasks" with a table containing two backup tasks. Each task has a Source, Destination, Backup To location, and Action buttons (Remove and Backup).

Source	Destination	Backup To	Action
C:\\Users\\jnnitiwari\\AppData\\Local\\Microsoft\\Outlook	C:\\Users\\jnnitiwari\\AppData\\Local\\Microsoft\\Outlook	Marimba Cloud	<button>Remove</button> <button>Backup</button>
E:\\anonpkg	E:\\anonpkg	Local Drive	<button>Remove</button> <button>Backup</button>

You can remove the backup task if you no longer need it. A Click on "Backup" triggers the backup process. The behavior of the app during this process depends on which cloud provider was selected for the backup. Refer to "Working of Backups and Restores" for more information on Page 16.

Once a backup task is added, it can be executed "n" number of times to create backup. The latest version of the content will always be backed up to the storage provider. During restore the last content which was backed up will indeed be restored.

Working of Backups and Restores

Depending on which cloud provider is selected, the process can differ slightly when the backup is triggered:

Backup/Restores on Dropbox, Box and Google Drive:

The following points have to be noted about these cloud providers:

- You will require a “token” in order to perform a backup to one of these cloud providers. A token is the term given to a particular phrase/word that “unlocks” the ability to interact with the cloud provider in any way (i.e. uploading files as part of a backup, or downloading files as part of a restore).
- In order to get this token, clicking Backup will first bring up a dialog in which a button called “Get Token” is available. Clicking this button will do one or both of the following:
 - A new browser tab/window opens up, which takes you to a login page hosted by the cloud provider (i.e. the Google Drive login page). You are then required to enter your credentials and press the login button, after which a page opens up with the “token” string visible. You are required to take a copy of this token for the next step
 - If the browser doesn’t open, the dialog will change to show you some additional information about what is happening, and will also contain a likeable link that takes you to the same cloud provider login page described above. In this way, you can perform the steps necessary to get the token even if the new browser window doesn’t open up.
- Armed with the “token”, back at the original dialog you will see a text box where you are supposed to enter the token. Paste the token you saved from the previous step here, and click the backup button. A similar process happens when you do a restore.
- So why the extra requirement for the token? The “get token and paste” mechanism is required by these cloud providers; it is the way that they ensure that you don’t provide your credentials to Marimba App For Home or similar apps; since you enter your credentials directly in the cloud provider site and then get the token, only the token is what gets passed to Marimba App For Home.
Note: These tokens “expire” after a predetermined amount of time, so no one can re-use them to “access” your cloud provider in an unauthorized manner, ensuring your cloud provider account’s security.

Backup/Restores on Marimba Cloud, Local Drive:

- In contrast to public cloud providers like Box, Dropbox and Google Drive, backup to either Marimba Cloud or the Local Drive is a one step process: you get a button which when clicked triggers the process of backup. A similar scenario happens with a restore operation.
- In case of Local Drive, you are required to configure a folder path in the settings portion of the Backup/Restore page before you can attempt a backup.

In the case of all backup storage types (with the exception of Local Drive backup), you will be able to see statistics about size of backups uploaded, free space available, etc.