Schedules Page

https://campus.barracuda.com/doc/17105489/

Once your Barracuda Backup appliance is installed and data sources are set up, data is collected from each data source for the first time during an initial backup period. Once the initial backup is complete, Barracuda Backup checks for changed and new data based on backup schedules you define on the **Backup > Schedules** page. Any data sources that do not have a schedule defined are, by default, backed up nightly at 8:00PM local time. When Barracuda Backup identifies new or changed information, each file is analyzed at the bit level, and only the new bit sequences in the files themselves are copied and transferred, saving both bandwidth and storage space.

Once you configure computers and data sources, create granular backup schedules. Select specific sets of data to back up and configure multiple schedules for each source, each with different sets of data selected.

In version 6.2 and higher schedules are part of data source item selection. For this reason, if you did not configure schedules in version 6.1 and earlier, a schedule is automatically created when you upgrade to version 6.2.
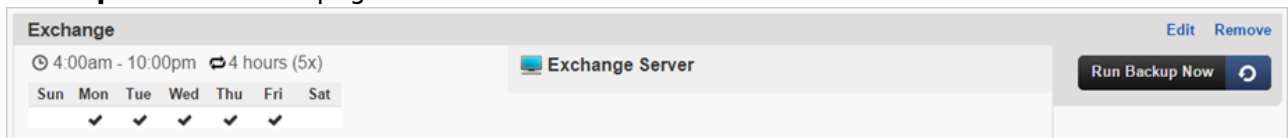
Create a Schedule

To create a backup schedule, configure computers and data sources, and then go to the **Backup > Schedules** page of the Barracuda Backup web interface.

1. Click **Add a Schedule** (or click **Edit** to edit an existing schedule):

2. Once you are satisfied with your schedule, click **Save**. The new schedule displays on the **Backup > Schedules** page:

Schedule Fields

The following table describes the **Schedules** page fields.

Table 1. Schedules page fields.

Schedule Name	Enter a label to identify the backup schedule: **Schedule name** A label to identify this backup schedule. A useful label may include information such as the type of data being backed up. Schedule name Exchange Database

Items to Back Up	In the **Items to Back Up** section, use the arrows to expand each server/source until you find the desired data or virtual machines to back up. You can select an entire server or select specific directories, databases, or virtual machines (VMs). It is possible to select and create a schedule for as many different items as required.
	For example, in the image below two schedules have been created for an Exchange source; one for the Exchange database that will repeat throughout the day, and a second for the File System and System State that will back up only once per day:
	
	Items to Back Up
	
	Identify the computers and data sources to back up with this schedule. Unselect the checkbox to display a list of all available computers and data sources from which individual ones can be selected.
	
	☐ Apply to all computers and data sources for this Backup Appliance
	▶ ☐ 🖥 Server 2008
	▶ ☐ 🖥 vCenter
	▼ ☐ 🖥 **Exchange Server**
	  ▼ ☑ **Backup Agent**
	    ▶ ☐ File Systems
	    ▼ ☑ Microsoft Exchange
	      ☑ DB1
	    ▶ ☐ System State

Schedule Timeline	Once you have selected data for backup, select the days on which this schedule is to run: **Schedule Timeline** The days on which this backup schedule is to run. In general, backups should be run on each day when the data may change. ☐ Sunday ☑ Monday ☑ Tuesday ☑ Wednesday ☑ Thursday ☑ Friday ☐ Saturday
Daily Backup Timeline	In the **Daily Backup Timeline** section, type in a **Start time**. If you want your backup schedule to repeat throughout a 24-hour period, turn on **Repeat**, and specify the time period: **Daily Backup Timeline** When the backup runs begin. Select **Repeat** to schedule multiple backups in the same day. 24 hour format. Start time 04 : 00 Repeat ☑ Every 4 Hour(s) ▼ Until 22 : 00

SQL/Exchange Backup	If the backup schedule is for Microsoft SQL Server or Microsoft Exchange Server, you must specify the type of backup to run: **SQL/Exchange Backup** *Complete* captures a complete database/information store each time. *Log* captures transaction log changes since the last backup. *Smart* automatically decides when complete or log backups are appropriate. *Recommended: Smart* Backup type Smart Minimum threshold 7 days Maximum threshold 14 days After a complete backup is performed, the Barracuda Backup Appliance performs transaction log backups until the **minimum threshold** is met. After the **minimum threshold**, the Barracuda Backup Appliance will perform a complete backup unless more than 1 GB of data is in the Cloud Transfer Queue or until the **maximum threshold** is met. • **Smart** – Automatically decides when full or log backups are appropriate. After a full backup is performed, the backup server performs transaction log backups until the **Minimum threshold** is met. After the **Minimum threshold** is met, the Barracuda Backup appliance performs a full backup unless there is more than 1 GB of data in the Cloud Transfer Queue, or until the **Maximum threshold** is met. **Smart** mode with the default thresholds is recommended. • **Complete** – Captures a complete database/information store each time. • **Log** – Captures transaction log changes since the last backup.

Schedule Options

Once you create a backup schedule, you can edit, delete, or immediately run a backup:

- Click the **Edit** link to modify the schedule, and then click **Save** at the top of the page to save your changes.
- Click the **Remove** link to delete the selected schedule, and click **Remove Schedule** in the dialog box to verify you want to remove the selected schedule.

  If you delete a schedule that a data source was schedule in, that data source does not have a schedule and therefore is not backed up:

Sources	Replication	Schedules	Exclusions	Retention Policies

  Barracuda Backup 690: Schedules   Add a Schedule

  ⚠ Note: The following data sources have no schedule applied, and will not be backed up:

  🖥 TME-AD
      ☑ Backup Agent

- Click the **Run Backup Now** icon to run the scheduled backup process immediately, and click **Run Backup Now** in the dialog box that follows to verify the selected action. Once the backup starts, allow a few minutes for the report to generate on the **Reports > Backup** page.

Additional Schedules on a Source

To create additional schedules for the same source, follow the process above selecting different data for the new schedule.

Figures

1. Sched01.png
2. Sched07.png
3. Sched02.png
4. Sched03.png
5. Sched04.png
6. Sched05.png
7. CompleteSchedule.png
8. NoSchedule.png