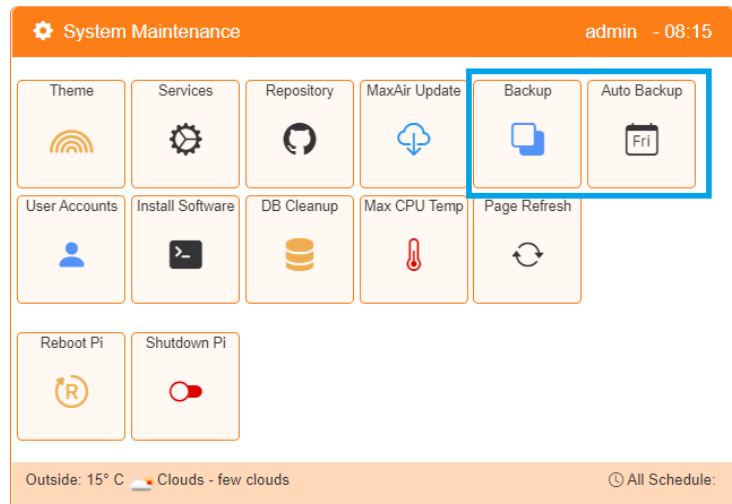


MaxAir – Database Backup

A backup of the current MaxAir database can be created and Emailed to any chosen recipient.

In order to use this feature, an Email account must already have been configured.

There are two types of backup available, the first provides an immediate backup and the second allows scheduled backups to be configured.



Immediate Backup

Select the Backup option from the Settings/System Maintenance menu.

If required enter a new Email address or update an existing Email address for where to send the database backup. Click on 'Save' to update the address.

A red 'Confirmation' dialog box with the text 'Update Email Address' and two buttons: 'Confirm' and 'Cancel'.A 'Database Backup' configuration screen. It contains the following text: 'By default Backups are stored in the folder `/var/www/MySQL_Database/database_backups`, or the Destination Folder set for `Auto Backup` (if it has been configured).', 'Full database backup takes quite a while to complete, once started the process will run in the background.', and 'Backup will be sent to the below email address.' Below this is a text input field for 'Email Address' with the value 'somebody@xyz.com'. At the bottom right are three buttons: 'Close', 'Save', and 'Start Backup'.

Once the Email address is set, click on 'Start Backup'.

A compressed copy of the database will be created in either in directory `/var/www/MySQL_Database/database_backups` or, if it has been configured, in the directory set for use by 'Auto Backup'. The name of the file will be of the form `'maxair_2021-12-19_18:34:20.sql.gz'`, where the current date and time are included in the filename.

A copy of this file will be sent to the Email address set above and stored in the appropriate folder.

Scheduled Backup

Scheduled Backups use the 'Job Scheduler' to perform database backups on a periodic basis, aged archives are deleted after a set period and the destination location for the archive must be selected.

Select the Auto Backup option from the Settings/System Maintenance menu.

Select to enable the automatic backup, select if an email copy of the archive file is required and also if a confirmation email is required (the email option will only be selectable if an email address has already been configured, as described earlier).

Set how often to perform the backup and also how long to retain the archives before deletion.

Finally set the destination folder for storage of the archive file (this can be a network attached device).

Click 'Save' to store the configuration.

Auto Backup

Set Frequency and Rotation Period
Choose to Email copy of Backup if Required

☒ Enabled ☒ Email Backup ☒ Email Confirmation

Frequency (Set How Often Backups will be Created.)
2 DAY

Rotation (Set the Period After Which Backup Files Will Be Deleted.)
2 WEEK

Destination (Set the Folder Path for where the Backup File will be Saved.)
/home/pi/NetDrive/MaxAir_Backups/

Close Save

By default, the check for scheduled backups will take place at 01:00 hours each day, this is determined by the Scheduled Job 'auto_backup' and can be changed if required.

Schedule Jobs					
Job Name	Script Name	Enabled	Log Job	Run Every	
controller	/var/www/cron/c	<input checked="" type="checkbox"/>	<input type="checkbox"/>	60	
db_cleanu	/var/www/cron/c	<input checked="" type="checkbox"/>	<input type="checkbox"/>	02:00	
check_gw	/var/www/cron/c	<input checked="" type="checkbox"/>	<input type="checkbox"/>	60	
system_c	/var/www/cron/s	<input checked="" type="checkbox"/>	<input type="checkbox"/>	300	
weather_uj	/var/www/cron/v	<input checked="" type="checkbox"/>	<input type="checkbox"/>	1800	
reboot_wifi	/var/www/cron/r	<input checked="" type="checkbox"/>	<input type="checkbox"/>	120	
check_ds1	/var/www/cron/c	<input checked="" type="checkbox"/>	<input type="checkbox"/>	60	
sw_install	/var/www/cron/s	<input checked="" type="checkbox"/>	<input type="checkbox"/>	10	
update_cor	/var/www/cron/l	<input checked="" type="checkbox"/>	<input type="checkbox"/>	00:00	
check_gp	/var/www/cron/c	<input type="checkbox"/>	<input type="checkbox"/>	60	
notice	/var/www/cron/r	<input checked="" type="checkbox"/>	<input type="checkbox"/>	60	
console2	/var/www/cron/l	<input checked="" type="checkbox"/>	<input type="checkbox"/>	60	
auto_backu	/var/www/cron/e	<input checked="" type="checkbox"/>	<input type="checkbox"/>	01:00	

Add Job Apply Close