

# Backup Appliance

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## Overview

Backups of the appliance are made daily at 04.00. This document covers how to manually make backups. To make a backup of the appliance and PINsafe using the internal database, the Apache Tomcat process is first stopped and while the backup is taking place users will not be able to authenticate. when a MySQL database or other external type is used then Tomcat does not need to be stopped. To restore data to an appliance see [Restore Appliance](#) and [Retrieving PINsafe backup files using Webmin, Automated FTP Backups and Automated SCP Backups](#).

## Prerequisites

Swivel appliance with CMI

## Symptoms

Backup required

## Backup

On the Appliance

Login as admin either on the console or SSH and select:

```
"Backup & Restore"  
"Full Backup, including appliance config and PINsafe"
```

The system will prompt for a backup reason. Enter a reason, or press enter to ignore

Expected results:

Master (Primary Appliance in a HA Pair)

```
#####  
Backup Started : Fri Oct 17 10:18:27 GMT 2014  
#####  
  
Copying network configuration  
Copying Keystore, ssh, snmp and /etc/profile  
Backing up Webapps & MySQL DB...  
Copying MySQL: "mysql" DB  
Copying MySQL: "pinsafe" DB  
Copying Tomcat webapps and log files  
Copying DRBD  
Copying Webmin  
Copying MON  
Copying Heartbeat  
Copying scripts  
  
#####  
Backup Finished : Fri Oct 17 10:18:39 GMT 2014  
#####
```

Press Return to continue

## Changing the purge schedule

On the CMI at the Main Menu, select Backup and Restore, then Define Backup purge schedule.

## Troubleshooting

Ensure that the "Copying MySQL: "pinsafe" DB" line correctly reflects the name of the MySQL DB in use. This may be checked by looking on the DB page within PINsafe

[Backups take a long time on appliance](#)