



# Server shutdown, 4th floor

## DEPOSIT

Start with **Deposit** in the server room in 4th floor.

In the rack there is four groups of harddrives: Rd2, Ra3, Ra2, Ra1, the computer **Deposit** and in the bottom the UPS (emergency power).

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Check the small screens on the harddrives, to see if there is anything going on. A row of 1s indicates ongoing job. If the row contains any letters it can indicate an error.  
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Start the screen, if it stays black hit the key SHIFT (do not use ENTER).

1. Log in:                    Username: eiscat  
                                 Password: clue "käbbel"
2. Check the windows that are open in the screen. Close the two with graphical interfaces, by their menus.
3. You should have two command line windows open next. Check which user is logged in and close the who is not the user eiscat by typing **exit**.
4. In the last command line window, check the status by typing **sudo dmesg -T**. If nothing has happend recently it is okay to shut down.
5. To shutdown, type **shutdown -h**. Deposit will shutdown in 60 sec.

. . = quick press  
? = press and hold for 2 sec.

Now shutdown the harddrives.

1. On the small screen in the left corner. Press the button **ent** in right bottom corner. The screen will tell you to press for two sec. do that
2. When the menu shows. Press the down arrow all the way to the bottom of teh menu
3. Press the up arrow until you find **System functions**
4. Select **shutdown start** and press **ent**
5. When the text **Reset ctrl ?** appear, it is ok.
6. Continue with all the black harddrives.
7. When all the black ones are shutdown you have to disconnect the power on the back. On the back you have on/off buttons. Two on the first, one on the second, two on the third an one on the fourth.
8. The fourth one, the blue, can only be shutdown by the on/off button on the back.
9. When all light has gone out you are done

If things dont go as planned, you may need to pull the plug.

**N. B.!** Never pull the contact connected to the device.

Allways pull the ent that is connected to the power socket.

# Server shutdown, 2nd floor

Shut down in correct order.

## dbbackup

Start with **dbbackup** in the server room in 2nd floor.

Start the screen, if it stays black hit the key SHIFT (do not use ENTER).

Select **dbbackup** on the switch (black box with green and orange lights), check on the screen that you have connected to the right server.

1. Log in: Username: eiscat  
Password: clue "käbbel"
2. Check the status by typing **sudo dmesg -T**. Check the dates. If nothing has happened recently it is okay to shut down. If the list gets very long, press **ctrl c** to stop. Then type **sudo dmesg -T | tail** instead. Then you get the last 10 lines.
3. If nothing looks weird, type **sudo shutdown-h**
4. The server will shutdown in 60 sec.

Continue to the next server on the list.

1. dbbackup
2. megasen
3. data1
4. arch
5. eiscathqold (stängs av via eiscathq)
6. eiscathq
7. fire

Weird messages?  
Google it

## megasen

Select **megasen** on the switch. Hit SHIFT (not ENTER) if the screen stays black.

1. Log in: Username: eiscat  
Password: clue "käbbel"
2. Check the status by typing **sudo dmesg -T**. Check the dates. If nothing has happened recently it is okay to shut down. If the list gets very long, press **ctrl c** to stop. Then type **sudo dmesg -T | tail** instead. Then you get the last 10 lines.
3. If nothing looks weird, type **sudo shutdown-h**
4. The server will shutdown in 60 sec.

Continue to the next server on the list.

## data1

Select **data1** on the switch. Hit SHIFT (not ENTER) if the screen stays black.

1. Log in: Username: eiscat  
Password: clue "käbbel"
2. Check the status by typing **sudo dmesg -T**. Check the dates. If nothing has happened recently it is okay to shut down. If the list gets very long, press **ctrl c** to stop. Then type **sudo dmesg -T | tail** instead. Then you get the last 10 lines.
3. If nothing looks weird, type **sudo shutdown-h**
4. The server will shutdown in 60 sec.

Continue to the next server on the list.

# Server shutdown, 2nd floor

## arch

Select **arch** on the switch. Hit SHIFT (not ENTER) if the screen stays black.

1. Log in: Username: eiscat  
Password: clue "käbbel"
2. Check the status by typing **sudo dmesg -T**. Check the dates. If nothing has happend recently it is okay to shut down. If the list gets very long, press **crtl c** to stop. Then type **sudo dmesg -T | tail** instead. Then you get the last 10 lines.
3. If nothing looks weird, type **sudo shutdown-h**
4. The server will shutdown in 60 sec.

Continue to the next server on the list.

1. dbbackup
2. megasen
3. data1
4. arch
5. eiscathqold (stängs av via eiscathq)
6. eiscathq
7. fire

## eiscathqold

*eiscathqold is controlled via eiscathq*

Select **eiscathq (!)** on the switch. Hit SHIFT (not ENTER) if the screen stays black.

1. Log in: Username: eiscat  
Password: clue "käbbel"
2. Connect to **eiscathqold** by typeing **ssh eiscathqold**, (same user and password)
3. Check the status by typing **sudo dmesg -T**. Check the dates. If nothing has happend recently it is okay to shut down. If the list gets very long, press **crtl c** to stop. Then type **sudo dmesg -T | tail** instead. Then you get the last 10 lines.
4. If nothing looks weird, type **sudo shutdown-h**
5. The server will shutdown in 60 sec.

Continue to the next server on the list.

## eiscathq

When eiscathqold is shutdown you can shutdown eiscathq (you are already logged in)

1. Check the status by typing **sudo dmesg -T**. Check the dates. If nothing has happend recently it is okay to shut down. If the list gets very long, press **crtl c** to stop. Then type **sudo dmesg -T | tail** instead. Then you get the last 10 lines.
2. If nothing looks weird, type **sudo shutdown-h**
3. The server will shutdown in 60 sec.

Continue to the shutdown the firewall.

# Server nedstängning, plan 2

## fire

When all other servers are shutdown. Select **fire** on the switch. Hit SHIFT (not ENTER) if the screen stays black.

1. On the screen a menu appears. Hit enter a few times to refresh the menu and check for error messages.
2. Select no. 6 halt. (shutdown with halt)
3. The device starts to shutdown.

1. dbbackup
2. megasen
3. data1 (datasrkiv)
4. arch (Hogia)
5. eiscathqold (stängs av via eiscathq)
6. eiscathq (Webserver och mail)
7. fire (Brandvägg)

# Server restart, 2nd floor

Important to restart in correct order.

Select **the server** on the switch.

Hit SHIFT (not ENTER) if the screen stays black.

1. Press the on/off button on the device, in the front. wait about 90 sec. before you continue with the next on the list.

1. fire (firewall)
2. eiscathq (Webserver and mail)
3. eiscathqold
4. arch (Hogia)
5. data1 (data archive)
6. megasen
7. dbbackup

Always start with **fire**.

# Server restart, 4th floor

When all servers on 2nd floor is up and running restart **Deposit** on 4th floor.

1. Turn on the power to the harddrives one by one, by the on/of buttons on the back. The device is up and running when a white light is lights and a biip sounds. Start with Rd2.
2. Do the same procedure with Ra3
3. Do the same procedure with Ra2
4. Restart Ra1. If power failiur occurs, pull the plug and try again.

When all harddrives are up, restart **Deposit**.

1. Press the on/off button on the back.
2. Log in
3. Start up a command line window
4. Type **cat raidconfig.txt**
5. Follow the instructions in the file
6. When you are done you should have two command line and the two programs: **Notification Manager** and **Global-Net 2**

## **Notification manager**

- Connection view
- Add host
- Put in IP
- Connect

## **Global-Net 2**

- Mark
- Log in

**N. B.!** Never pull the contact connected to the device.

Always pull the ent that is connected to the power socket.