How to Manage Fail2ban on CloudPanzer Servers?

Adding Fail2ban jails to your server helps enhance security by automatically blocking malicious IP addresses attempting to access your system. Fail2ban monitors logs and enforces bans or restrictions based on predefined rules called jails.

How to install a Server

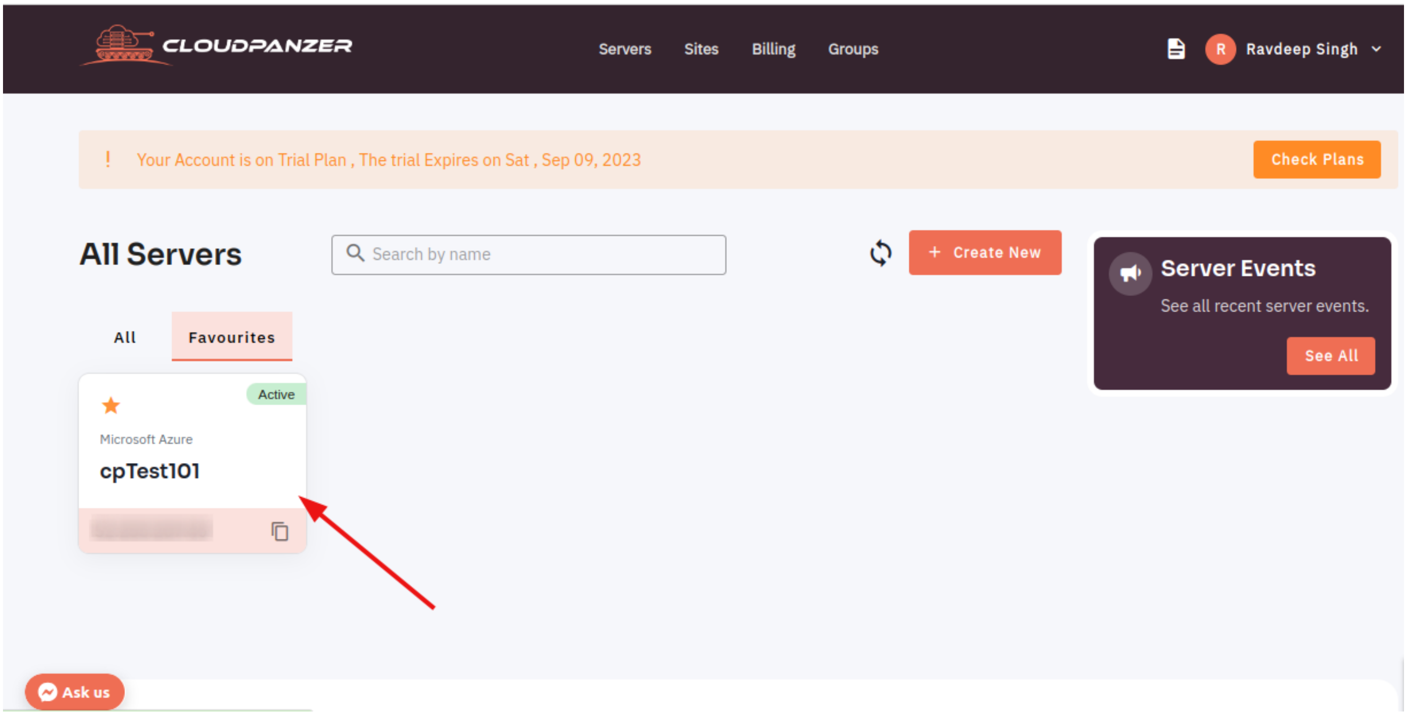
Tutorial :

You can watch the Video or Continue reading the post.

https://www.youtube.com/embed/3pzI-vMFSMA

Follow the steps below to add Fail2ban Jails to the server.

1: Once you are logged in, look for a "Server" and click on it.



! Your Account is on Trial Plan , The trial Expires on Sat , Sep 09, 2023

All Servers

Search by name

Server Events

See all recent server events.

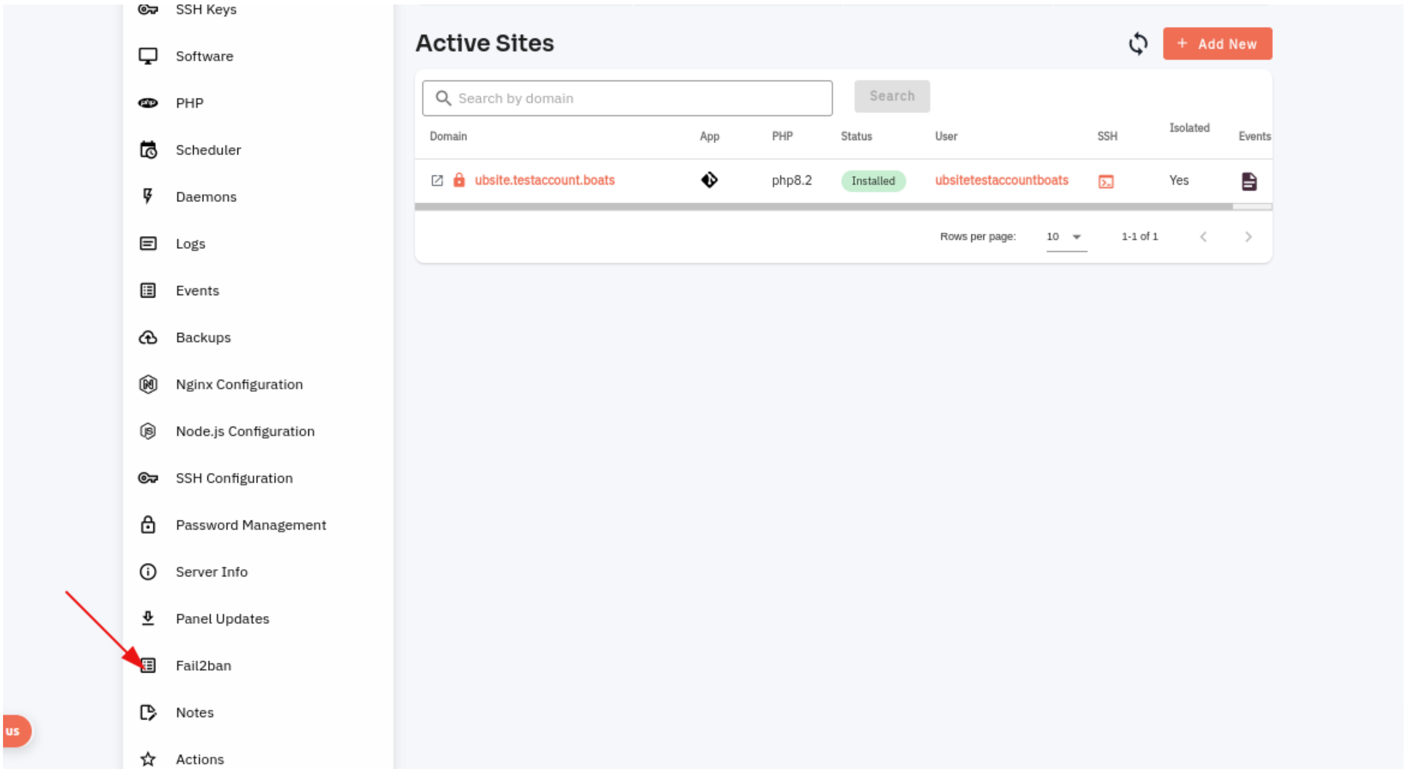
★

Microsoft Azure

cpTest101

[redacted]

2. Select the Fail2ban option.



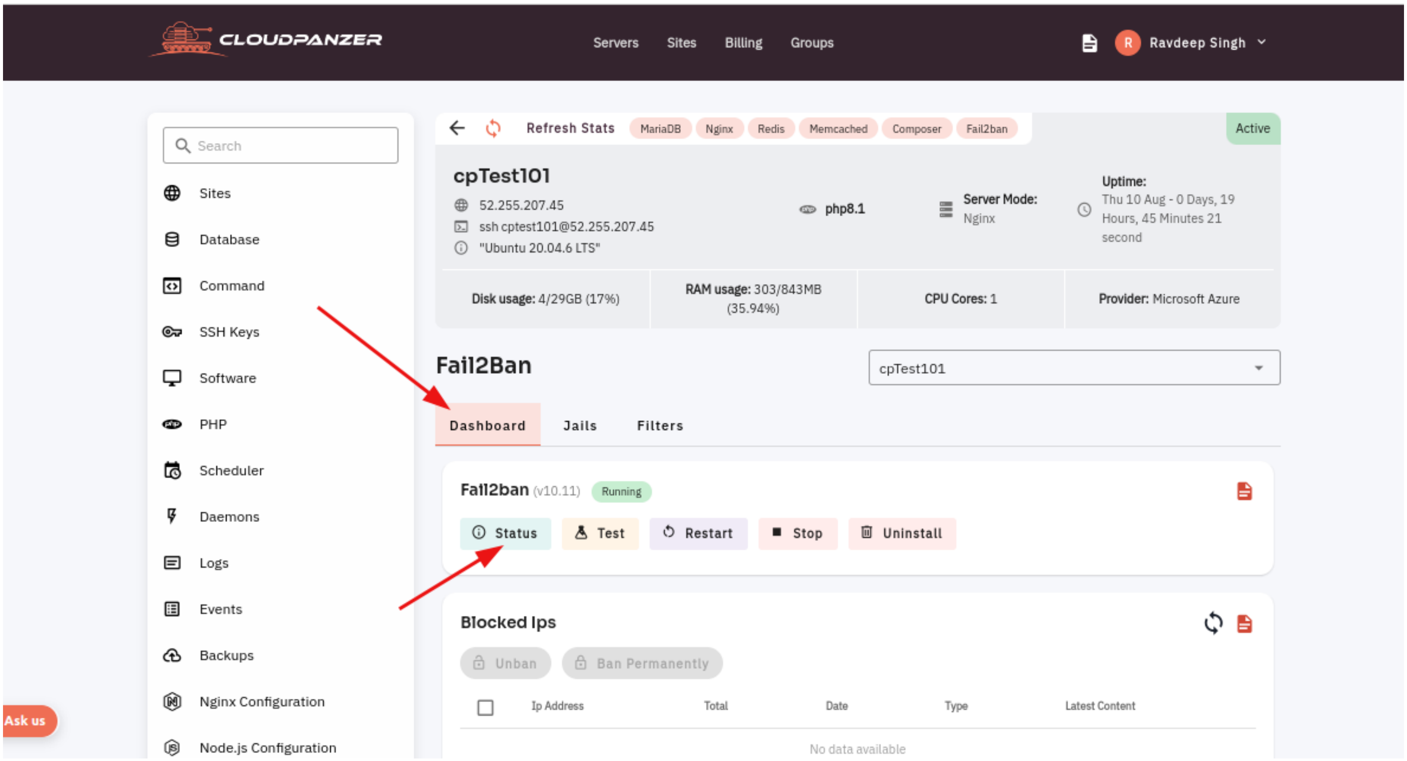
Active Sites

Search by domain

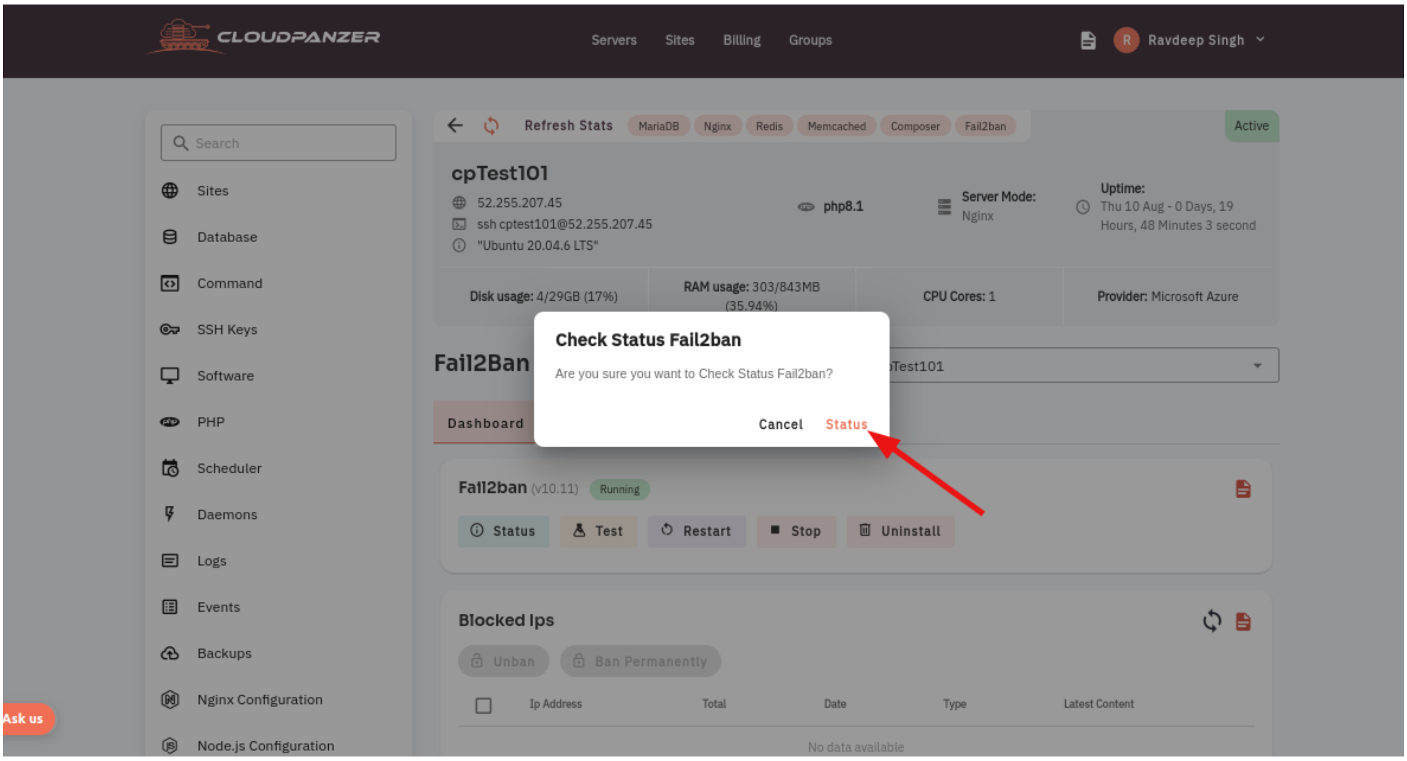
Domain	App	PHP	Status	User	SSH	Isolated	Events
ubsite.testaccount.boats		php8.2	Installed	ubsitetestaccountboats		Yes	

Rows per page: 10 1-1 of 1

3. Select a Dashboard tab and click on the Status button.



4. A dialog box will open and click on the Yes button to check the Status.

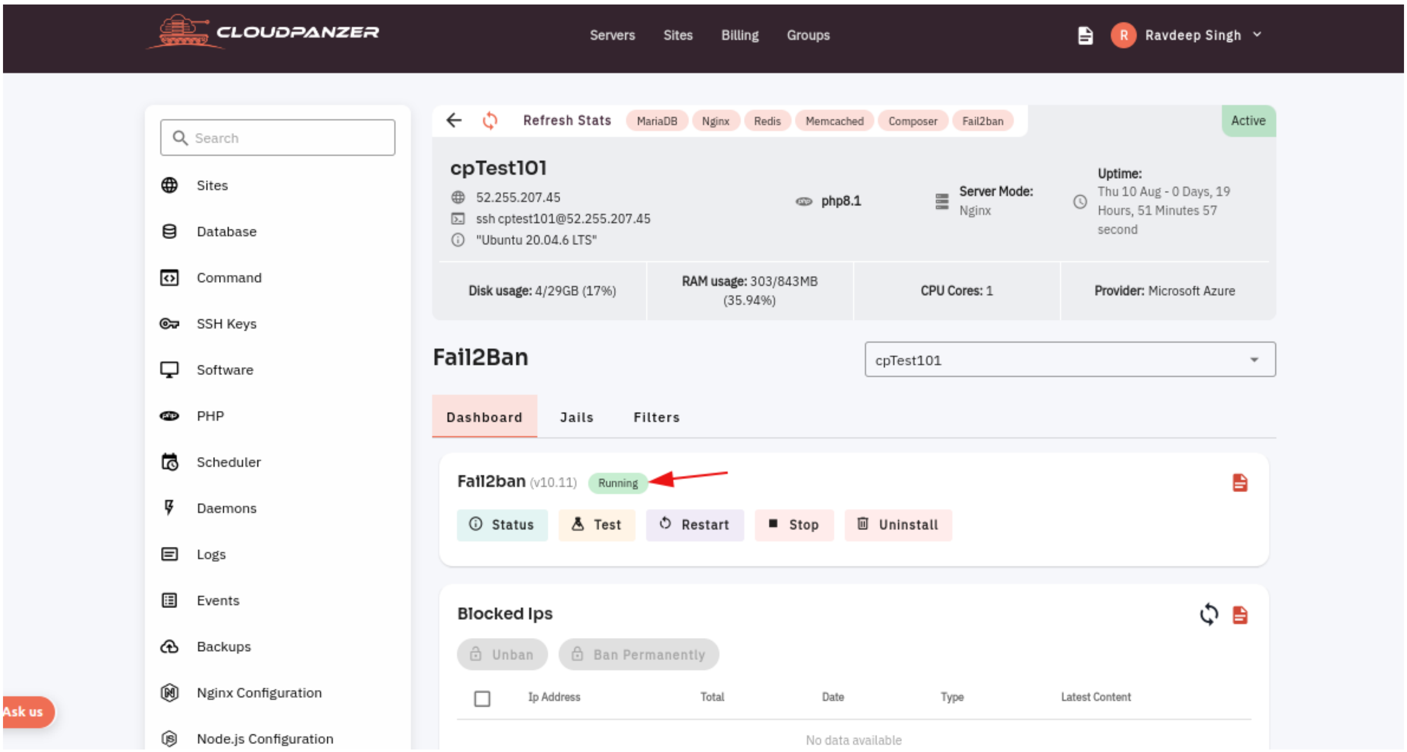


Check Status Fail2ban

Are you sure you want to Check Status Fail2ban?

Cancel Status

Here, you can see the Status checked successfully.



cpTest101
52.255.207.45
ssh cptest101@52.255.207.45
"Ubuntu 20.04.6 LTS"
php8.1
Server Mode: Nginx
Uptime: Thu 10 Aug - 0 Days, 19 Hours, 51 Minutes 57 second

Disk usage: 4/29GB (17%)	RAM usage: 303/843MB (35.94%)	CPU Cores: 1	Provider: Microsoft Azure

Fail2Ban

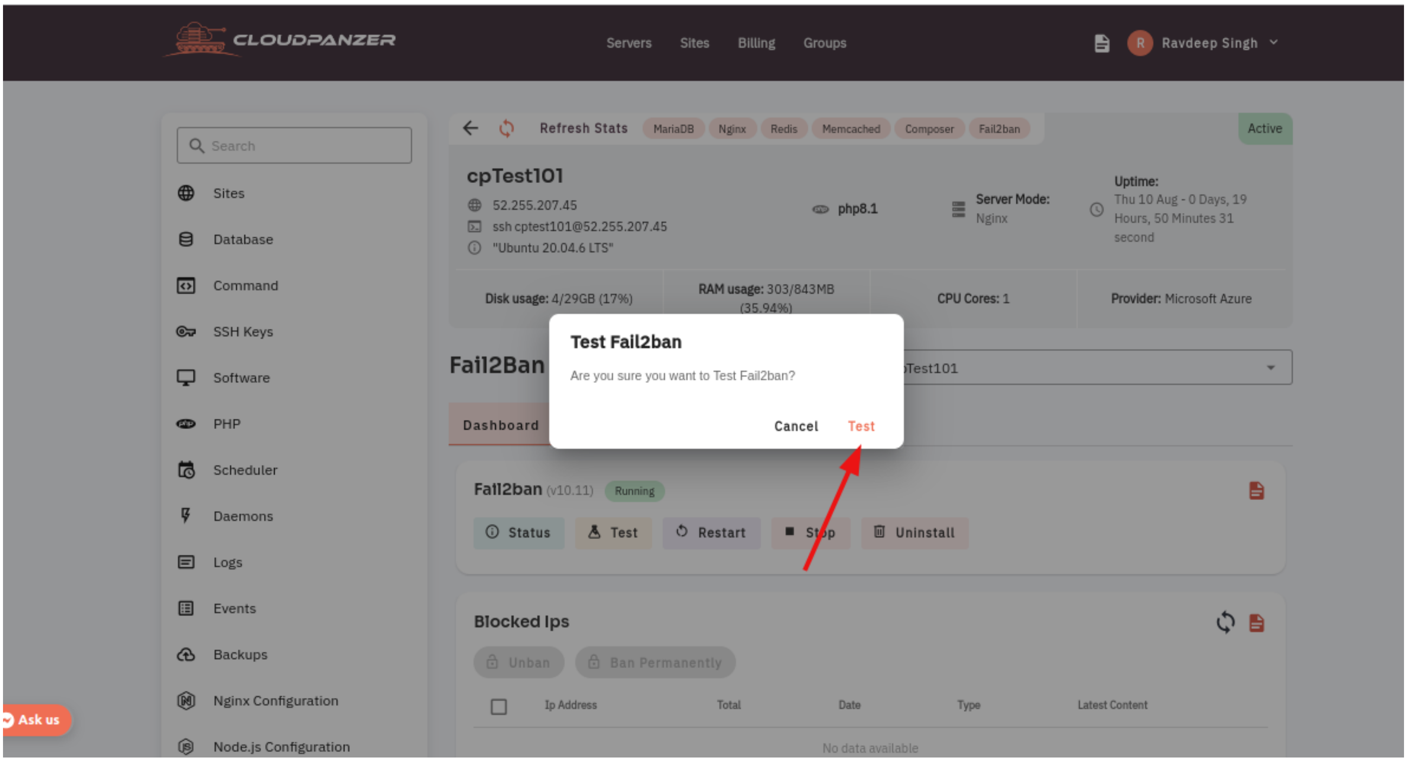
cpTest101

Fail2ban (v10.11) Running

Blocked Ips

☐	Ip Address	Total	Date	Type	Latest Content
No data available					

5. Click on the Test button to test a Fail2Ban.



cpTest101
52.255.207.45
ssh cptest101@52.255.207.45
"Ubuntu 20.04.6 LTS"
php8.1
Server Mode: Nginx
Uptime: Thu 10 Aug - 0 Days, 19 Hours, 50 Minutes 31 second

Disk usage: 4/29GB (17%)	RAM usage: 303/843MB (35.94%)	CPU Cores: 1	Provider: Microsoft Azure

Fail2Ban

Test Fail2ban

Are you sure you want to Test Fail2ban?

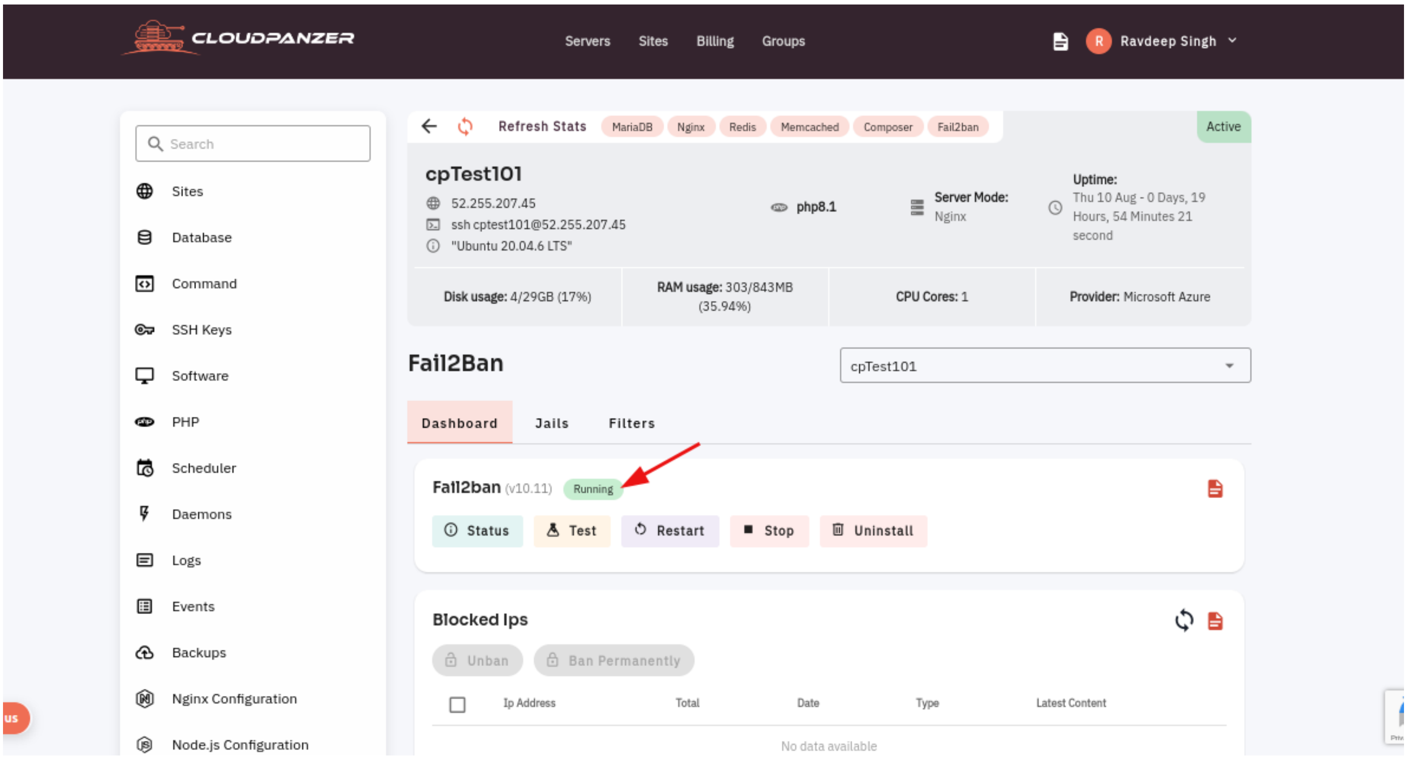
Cancel Test

Fail2ban (v10.11) Running

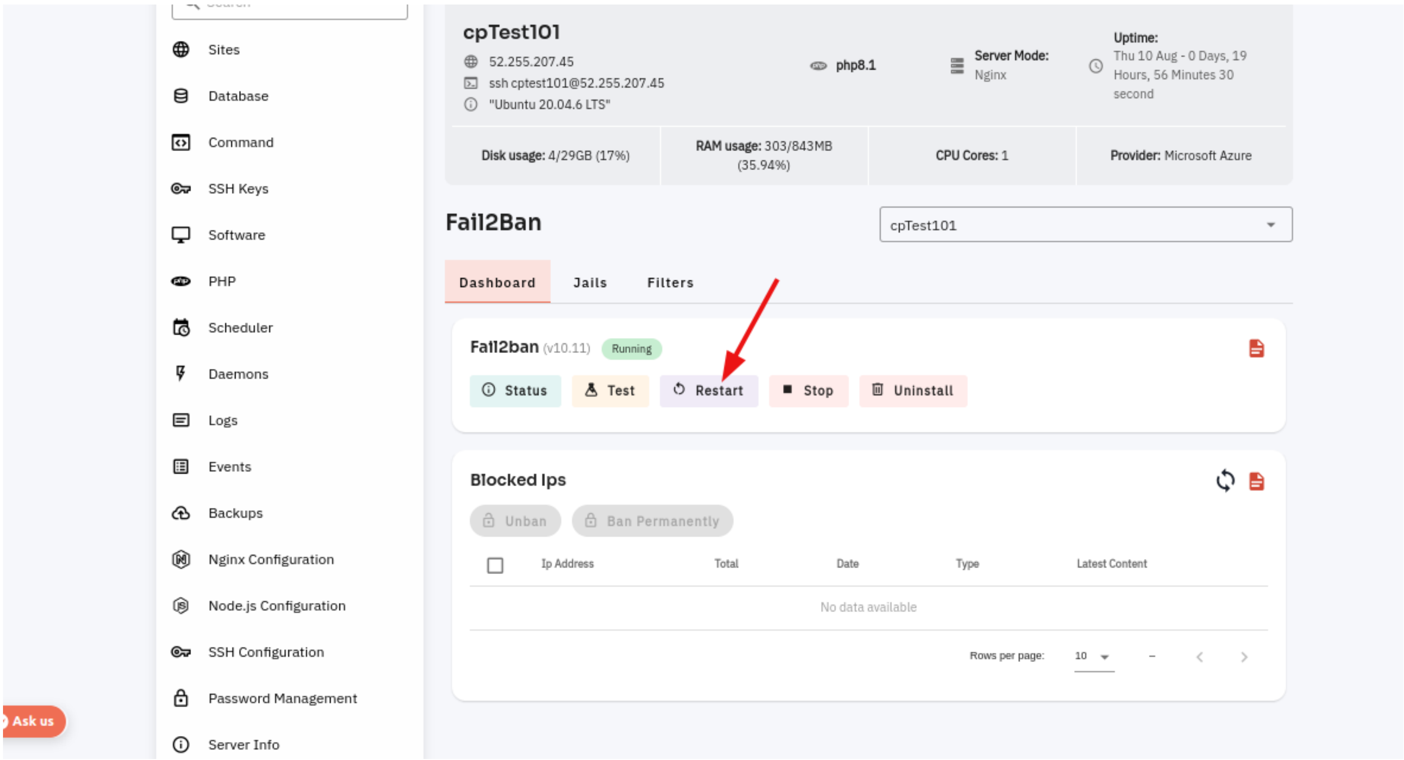
Blocked Ips

☐	Ip Address	Total	Date	Type	Latest Content
No data available					

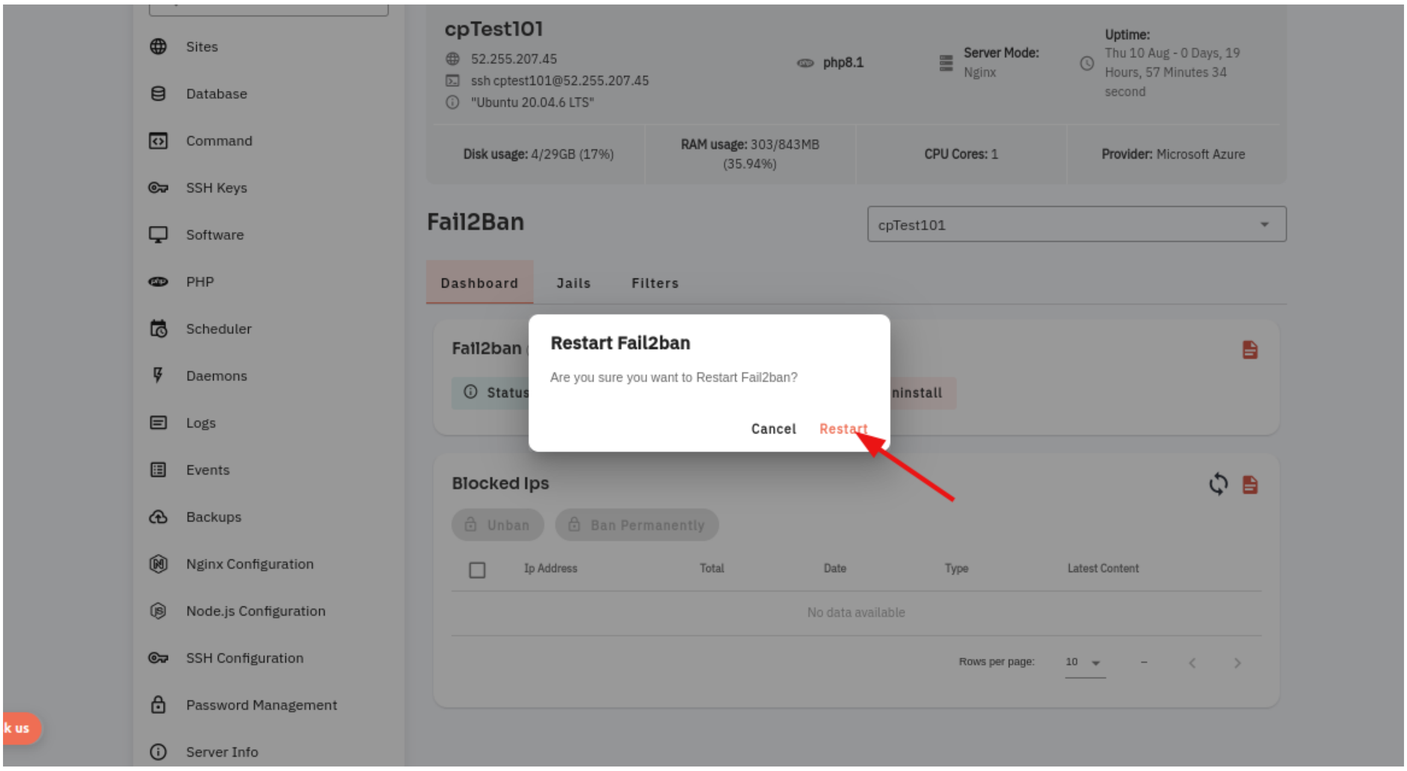
Here, you can see the server tested successfully.



6. Click on the Restart button.



7. A dialog will open, then click on the Restart button.



cpTest101

52.255.207.45

ssh cptest101@52.255.207.45

"Ubuntu 20.04.6 LTS"

php8.1

Server Mode: Nginx

Uptime: Thu 10 Aug - 0 Days, 19 Hours, 57 Minutes 34 second

Disk usage: 4/29GB (17%)

RAM usage: 303/843MB (35.94%)

CPU Cores: 1

Provider: Microsoft Azure

Fail2Ban

cpTest101

Fail2ban

Restart Fail2ban

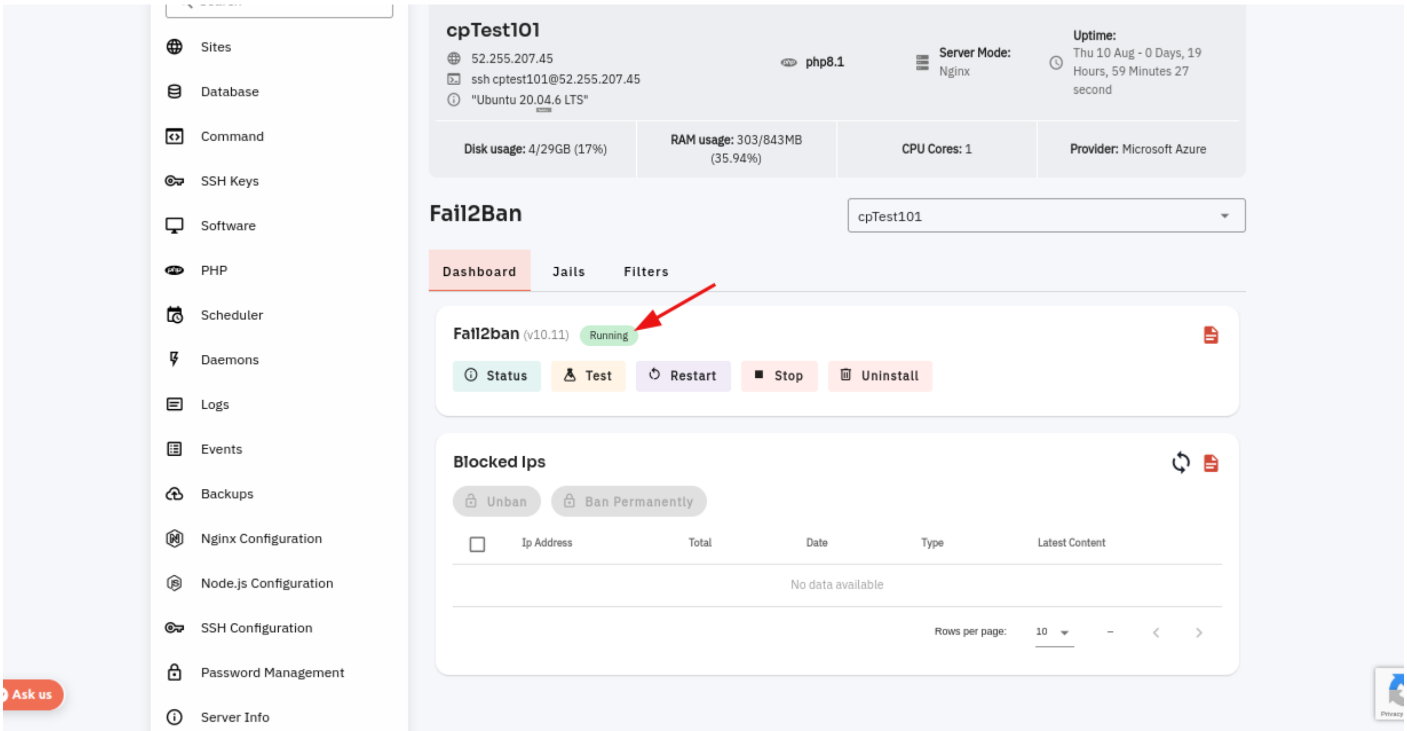
Are you sure you want to Restart Fail2ban?

Blocked Ips

☐	Ip Address	Total	Date	Type	Latest Content
No data available					

Rows per page: 10 – ‹ ›

8. Here, you can see Fail2Ban restarted successfully.



cpTest101

52.255.207.45

ssh cptest101@52.255.207.45

"Ubuntu 20.04.6 LTS"

php8.1

Server Mode: Nginx

Uptime: Thu 10 Aug - 0 Days, 19 Hours, 59 Minutes 27 second

Disk usage: 4/29GB (17%)

RAM usage: 303/843MB (35.94%)

CPU Cores: 1

Provider: Microsoft Azure

Fail2Ban

cpTest101

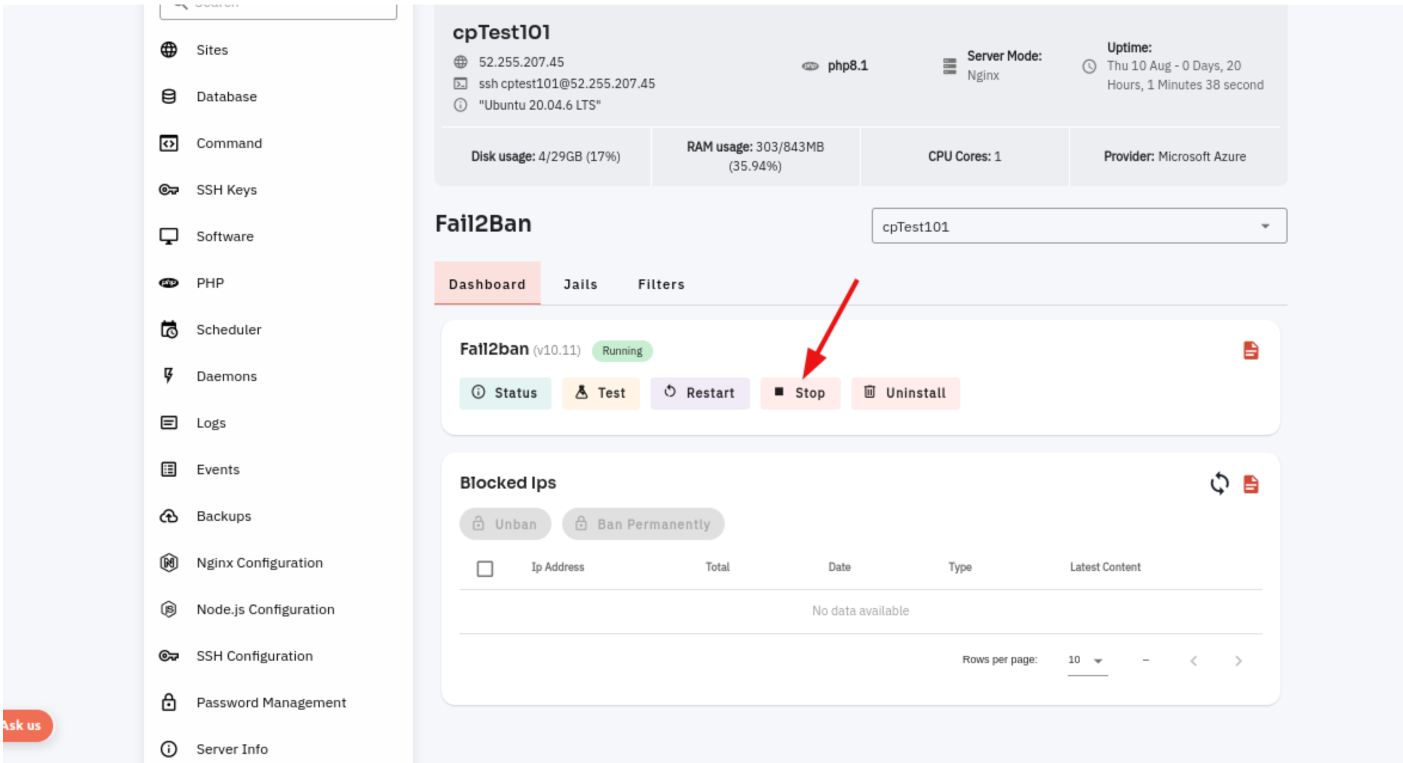
Fail2ban (v10.11) Running

Blocked Ips

☐	Ip Address	Total	Date	Type	Latest Content
No data available					

Rows per page: 10 – ‹ ›

9. Click on the stop button.



cpTest101

52.255.207.45

ssh cptest101@52.255.207.45

"Ubuntu 20.04.6 LTS"

php8.1

Server Mode: Nginx

Uptime: Thu 10 Aug - 0 Days, 20 Hours, 1 Minutes 38 second

Disk usage: 4/29GB (17%)

RAM usage: 303/843MB (35.94%)

CPU Cores: 1

Provider: Microsoft Azure

Fail2Ban

cpTest101

Fail2ban (v10.11) Running

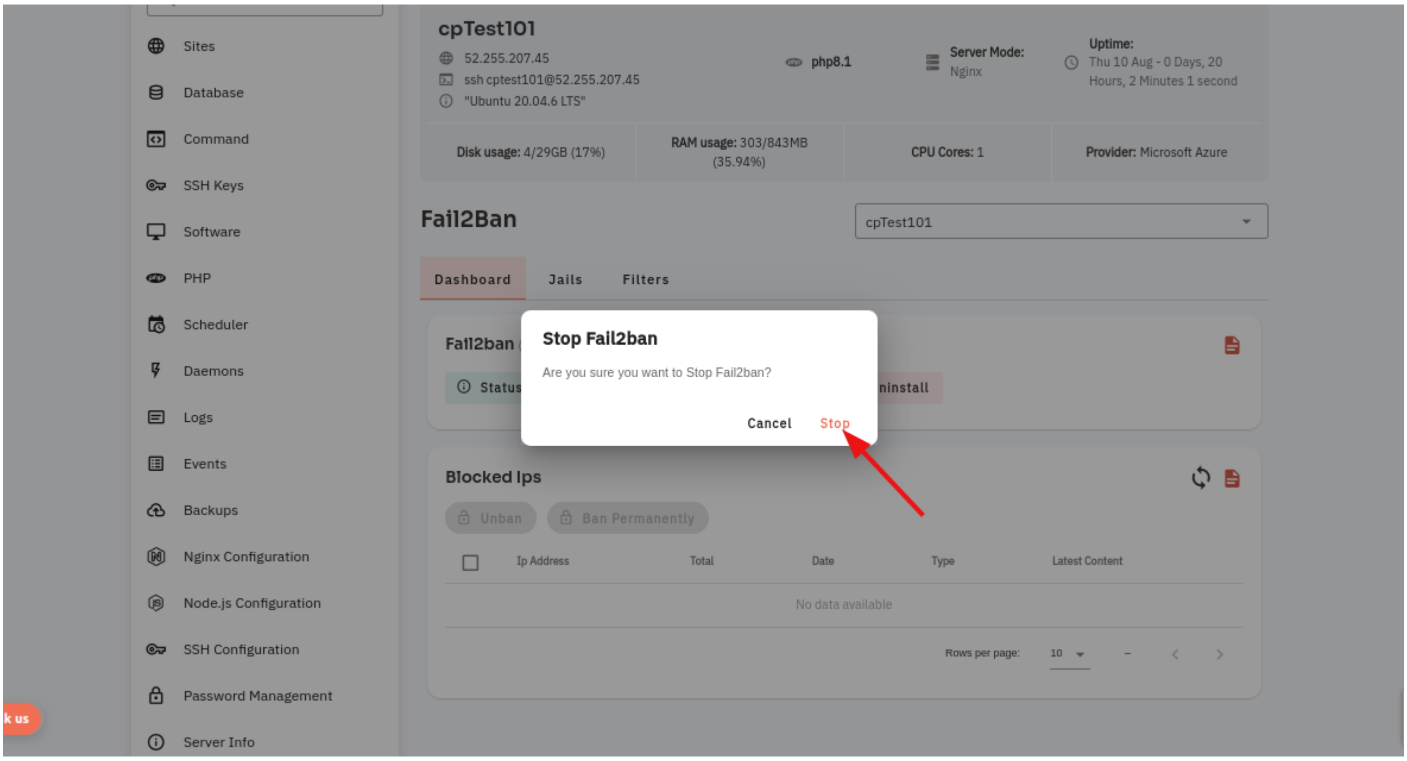
Blocked Ips

☐	Ip Address	Total	Date	Type	Latest Content

No data available

Rows per page: 10

10. A dialog will open and click on the stop button.



cpTest101

52.255.207.45

ssh cptest101@52.255.207.45

"Ubuntu 20.04.6 LTS"

php8.1

Server Mode: Nginx

Uptime: Thu 10 Aug - 0 Days, 20 Hours, 2 Minutes 1 second

Disk usage: 4/29GB (17%)

RAM usage: 303/843MB (35.94%)

CPU Cores: 1

Provider: Microsoft Azure

Fail2Ban

cpTest101

Stop Fail2ban

Are you sure you want to Stop Fail2ban?

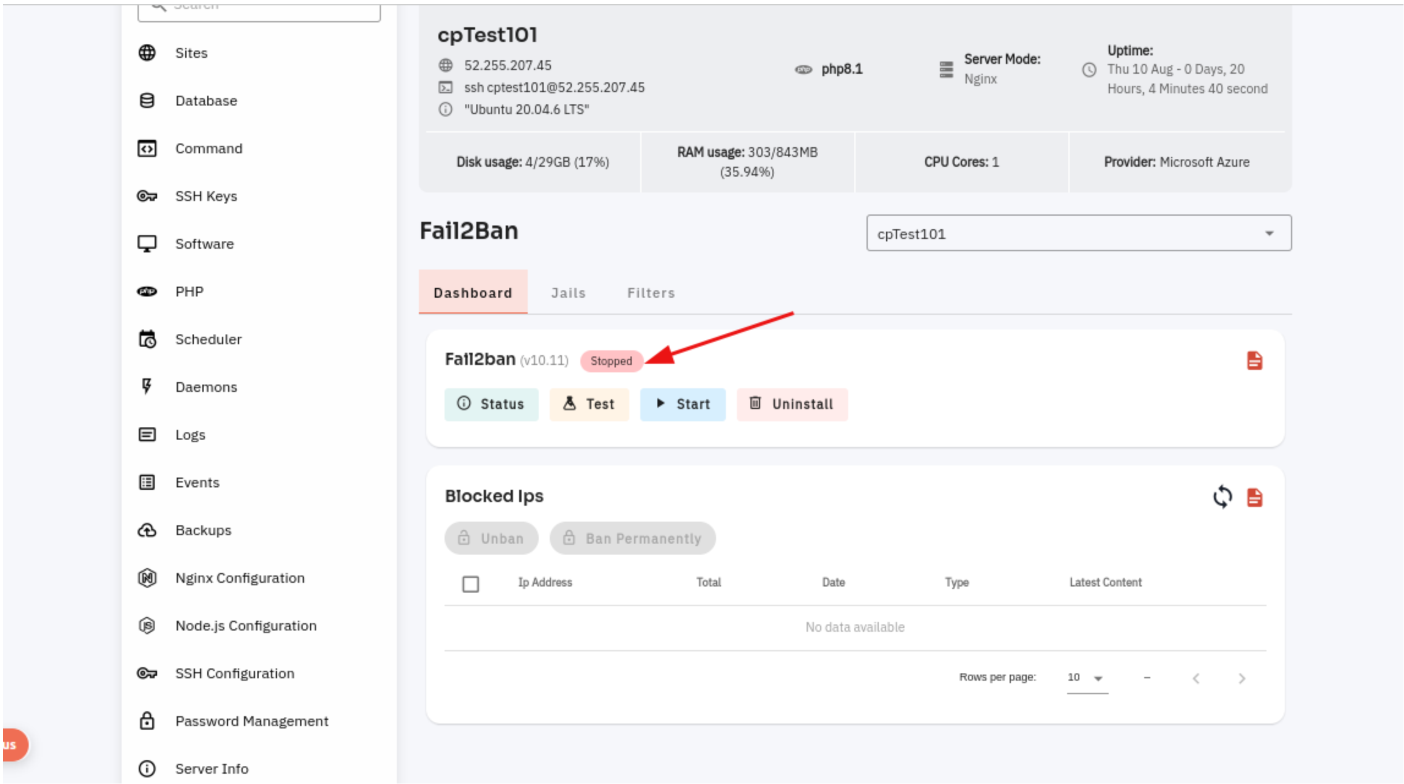
Blocked Ips

☐	Ip Address	Total	Date	Type	Latest Content

No data available

Rows per page: 10

Here, you can see that Fail2Ban stopped successfully.



cpTest101

52.255.207.45

ssh cptest101@52.255.207.45

"Ubuntu 20.04.6 LTS"

php8.1

Server Mode: Nginx

Uptime: Thu 10 Aug - 0 Days, 20 Hours, 4 Minutes 40 second

Disk usage: 4/29GB (17%)	RAM usage: 303/843MB (35.94%)	CPU Cores: 1	Provider: Microsoft Azure

Fail2Ban

cpTest101

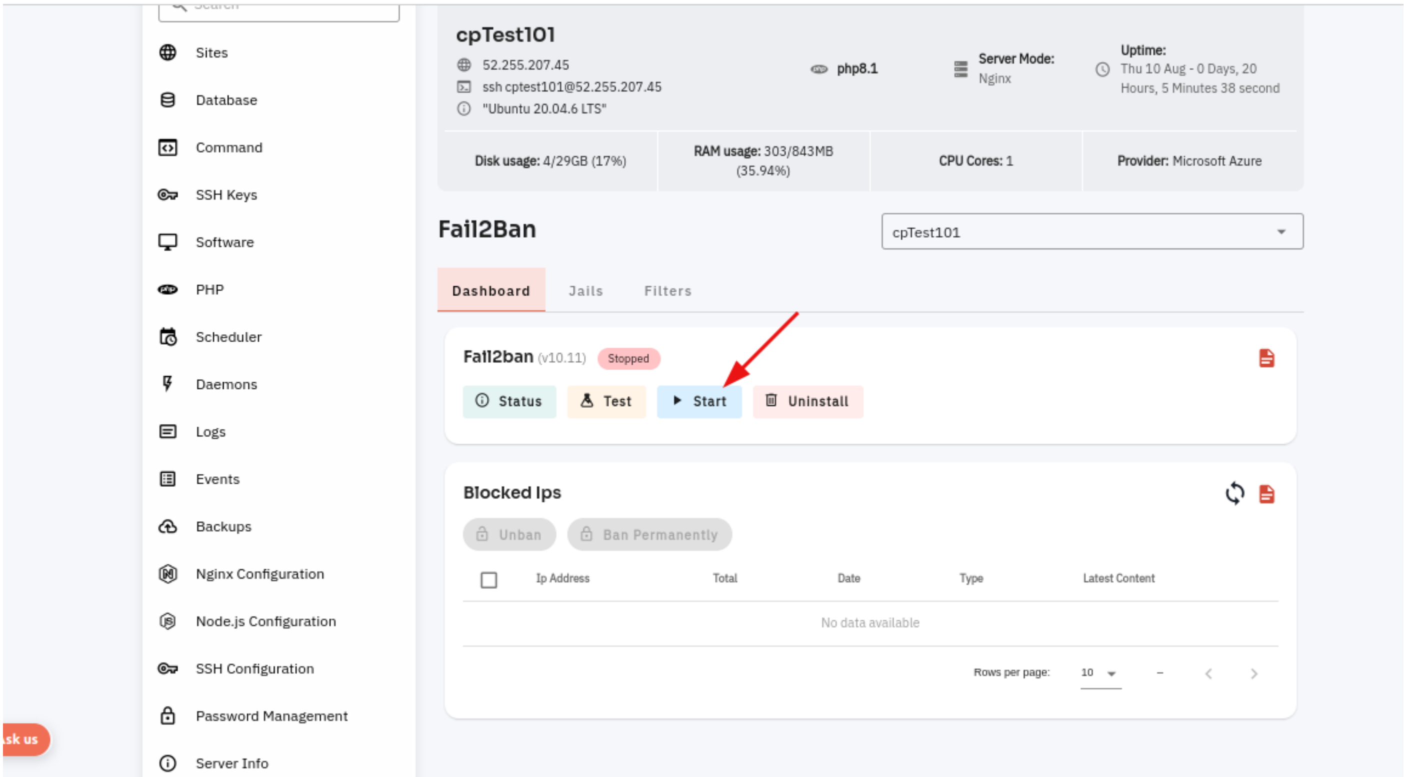
Fail2ban (v10.11) Stopped

Blocked Ips

☐	Ip Address	Total	Date	Type	Latest Content
No data available					

Rows per page: 10 –

11. Click on the Start button.



cpTest101

52.255.207.45

ssh cptest101@52.255.207.45

"Ubuntu 20.04.6 LTS"

php8.1

Server Mode: Nginx

Uptime: Thu 10 Aug - 0 Days, 20 Hours, 5 Minutes 38 second

Disk usage: 4/29GB (17%)	RAM usage: 303/843MB (35.94%)	CPU Cores: 1	Provider: Microsoft Azure

Fail2Ban

cpTest101

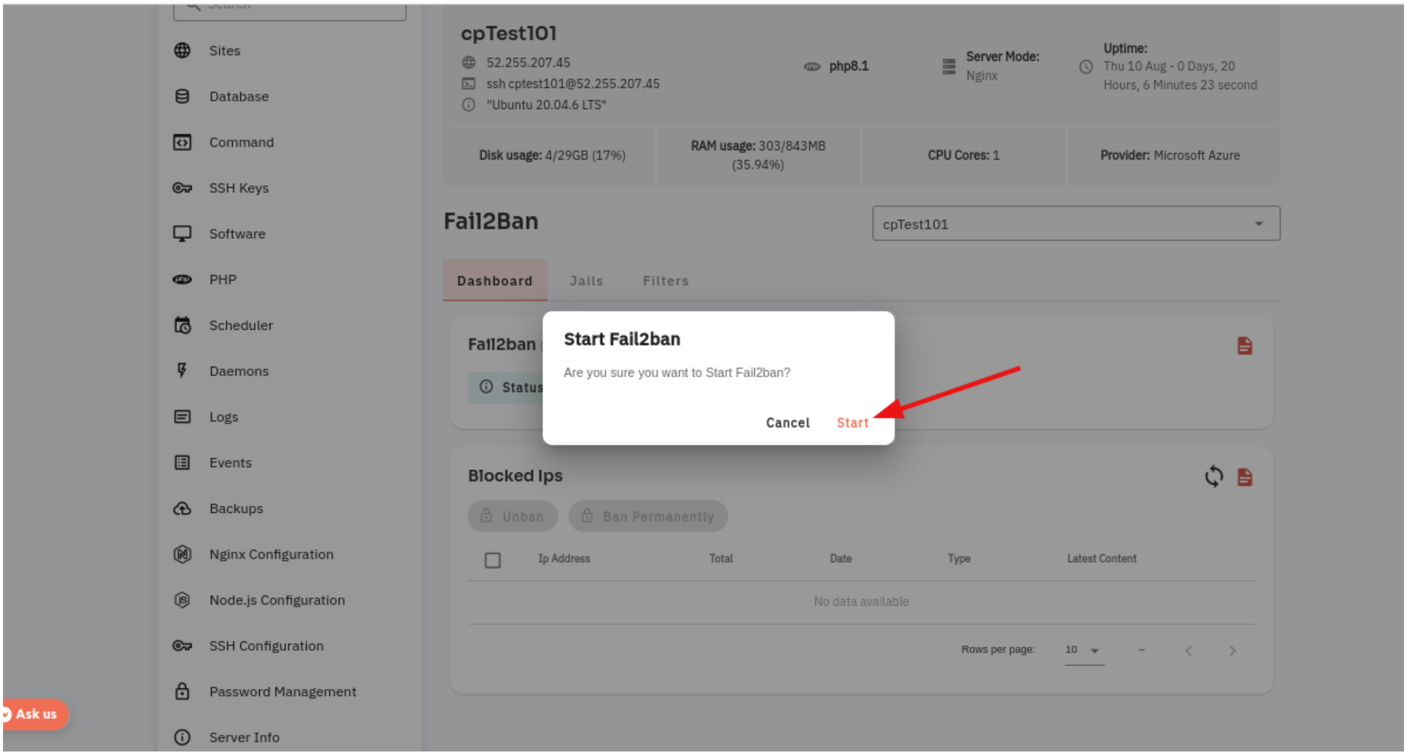
Fail2ban (v10.11) Stopped

Blocked Ips

☐	Ip Address	Total	Date	Type	Latest Content
No data available					

Rows per page: 10 –

12. A dialog box will open, then click on the start button.



cpTest101
52.255.207.45
ssh cptest101@52.255.207.45
"Ubuntu 20.04.6 LTS"
php8.1
Server Mode: Nginx
Uptime: Thu 10 Aug - 0 Days, 20 Hours, 6 Minutes 23 second
Disk usage: 4/29GB (17%)
RAM usage: 303/843MB (35.94%)
CPU Cores: 1
Provider: Microsoft Azure

Fail2Ban

cpTest101

Start Fail2ban

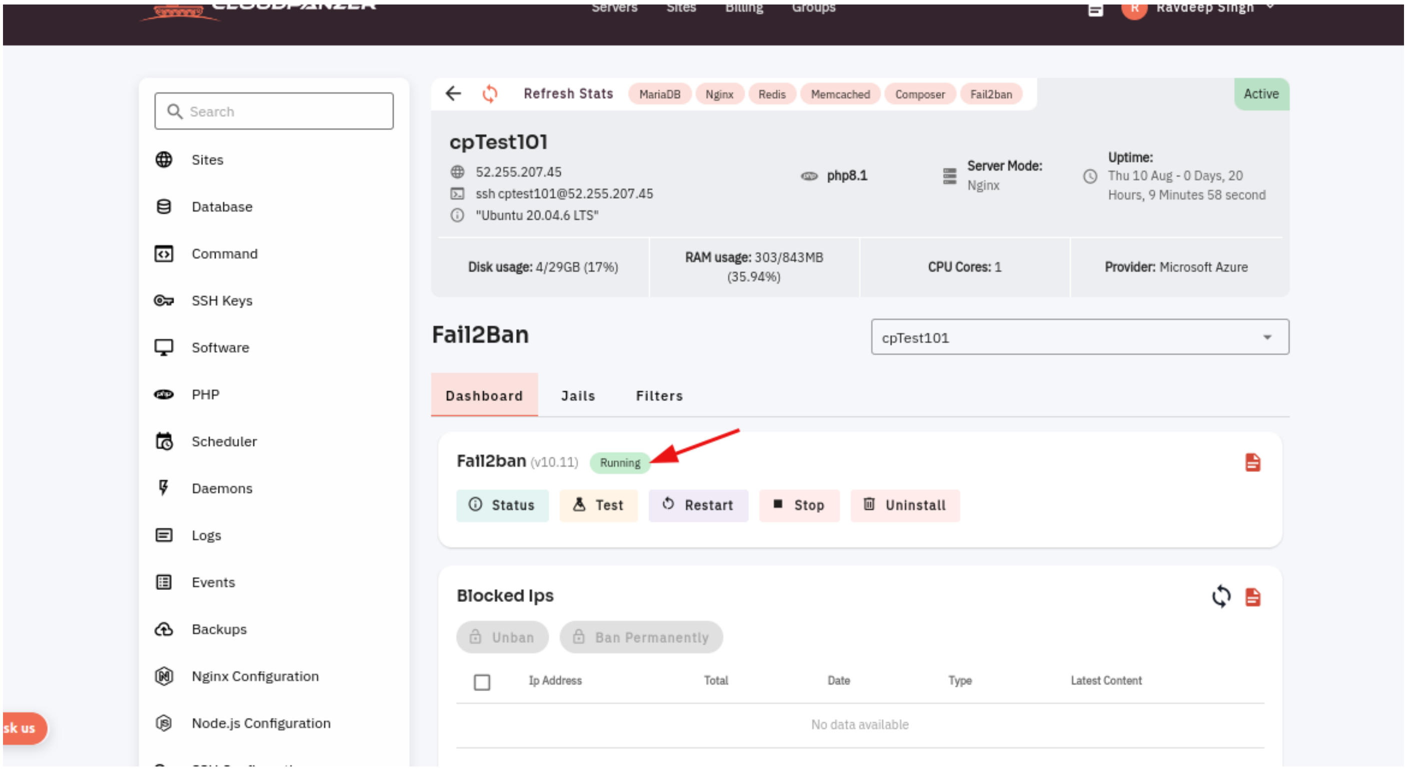
Are you sure you want to Start Fail2ban?

Blocked Ips

Ip Address	Total	Date	Type	Latest Content
No data available				

Rows per page: 10

13 . Here, you can see Fail2Ban Started Successfully.



cpTest101
52.255.207.45
ssh cptest101@52.255.207.45
"Ubuntu 20.04.6 LTS"
php8.1
Server Mode: Nginx
Uptime: Thu 10 Aug - 0 Days, 20 Hours, 9 Minutes 58 second
Disk usage: 4/29GB (17%)
RAM usage: 303/843MB (35.94%)
CPU Cores: 1
Provider: Microsoft Azure

Fail2Ban

cpTest101

Fail2ban (v10.11) Running

Blocked Ips

Ip Address	Total	Date	Type	Latest Content
No data available				

Looking for mobile app Instructions?

Available at: https://kb.cloudpanzer.com/books/mobile-app/page/how-to-manage-the-fail2ban-configuration-of-cloudpanzer-through-the-mobile-application

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