

Minecraft How2Server



Agenda:

- Vorstellungsrunde
- Technische Vorbereitung
- Was ist eigentlich ein Server?
- Was ist Crafty?
- Crafty Installation
- Minecraft Java Server
- Minecraft Bedrock Server
- Backups
- Grundlagen zur Sicherheit





I DO

Ich führe die Schritte vor.
Du schaust zu.



WE DO

Wir gehen die Schritte
gemeinsam durch.



YOU DO

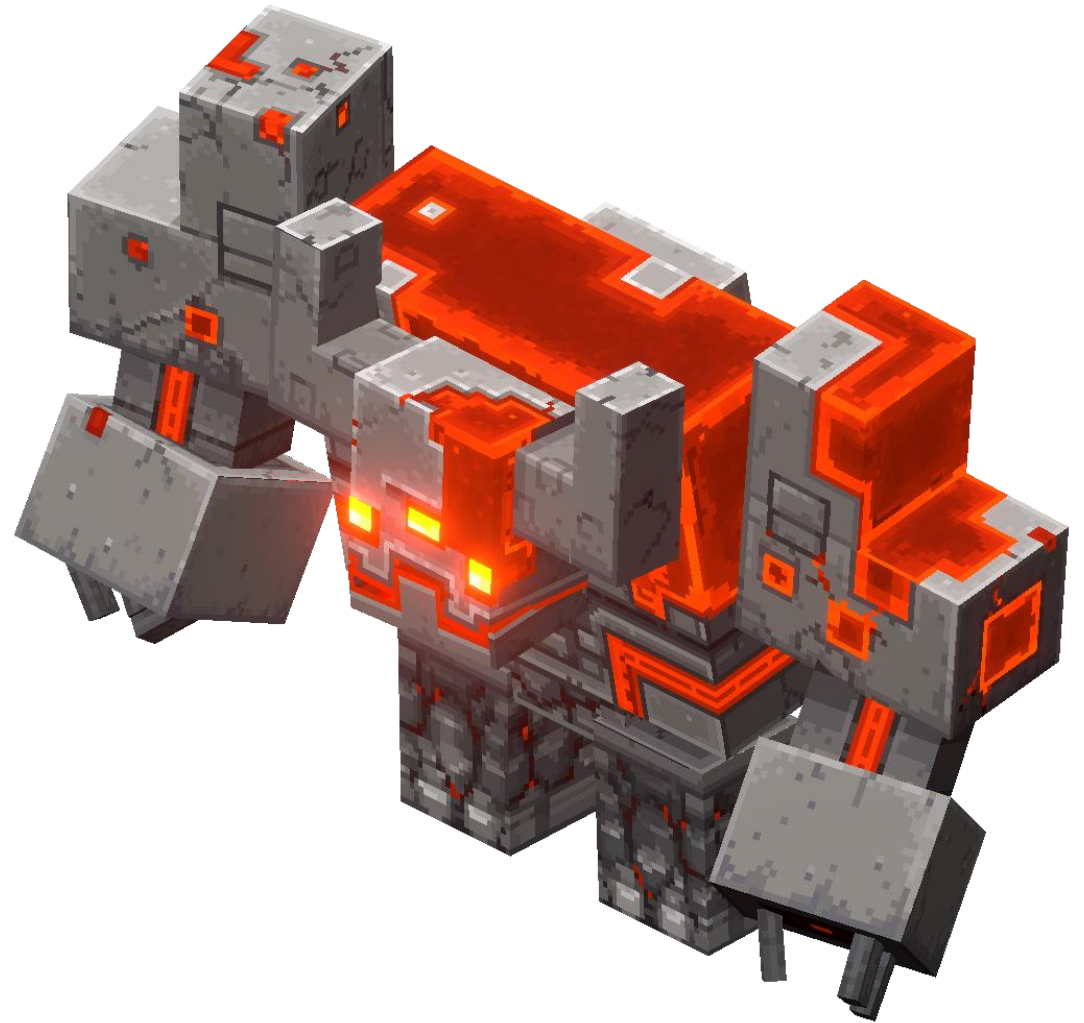
Du gehst die gelernten
Schritte selbstständig.

Vorstellungsrunde

- Wie lange spielst du schon Minecraft?
- Was interessiert dich so am Thema Server?
- Hast du Bereits Erfahrungen mit Minecraft Servern gemacht?
- Was möchtest du heute lernen?
- Was ist dein Lieblingstier in Minecraft?



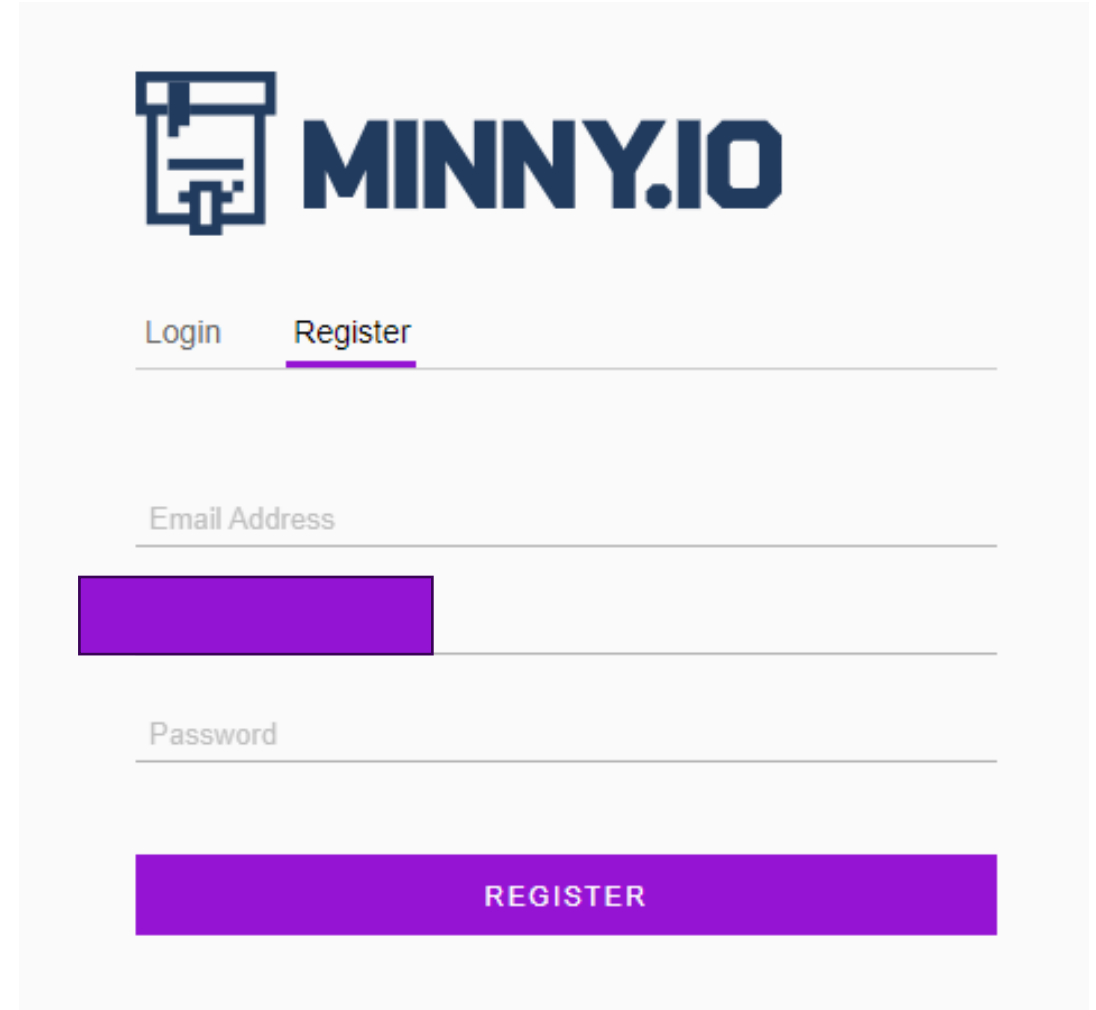
Technische Vorbereitungen



Geht bitte mit einem Chromium Basierten Browser
auf:

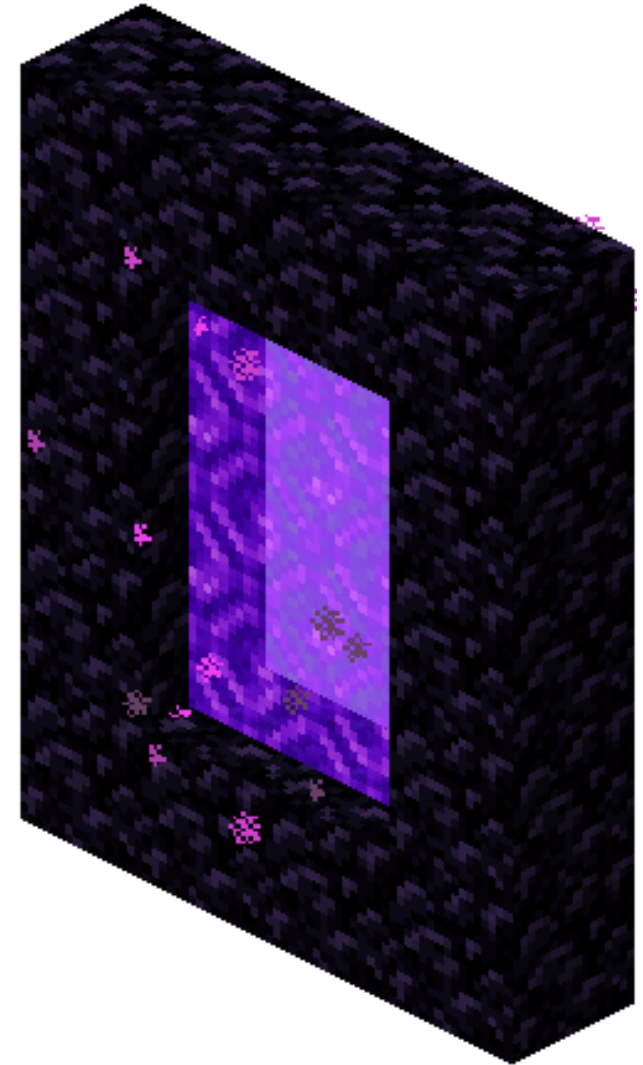
=> <https://training.minny.io>

Dort registriert ihr euch bitte mit dem Access Code
*****. Anschließend bitte direkt anmelden.



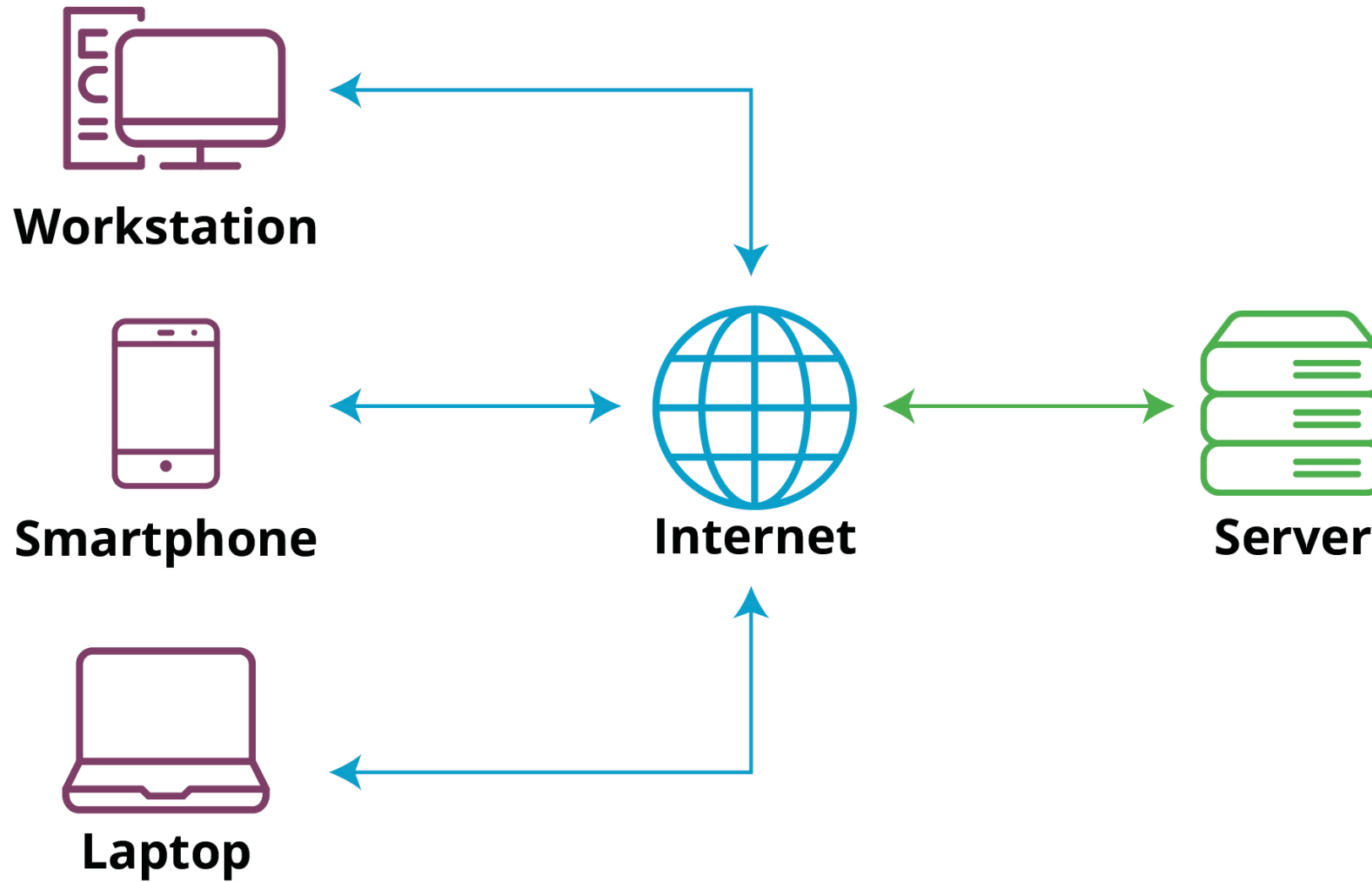
The screenshot shows the MINNY.IO registration interface. At the top, there is a logo consisting of a stylized circuit board icon and the text "MINNY.IO". Below the logo, there are two tabs: "Login" and "Register", with "Register" being the active tab. Under the "Register" tab, there is a form with two input fields. The first field is labeled "Email Address" and has a red rectangular box over it. The second field is labeled "Password". Below these fields is a large red button with the text "REGISTER" in white capital letters.

Was ist ein Server?

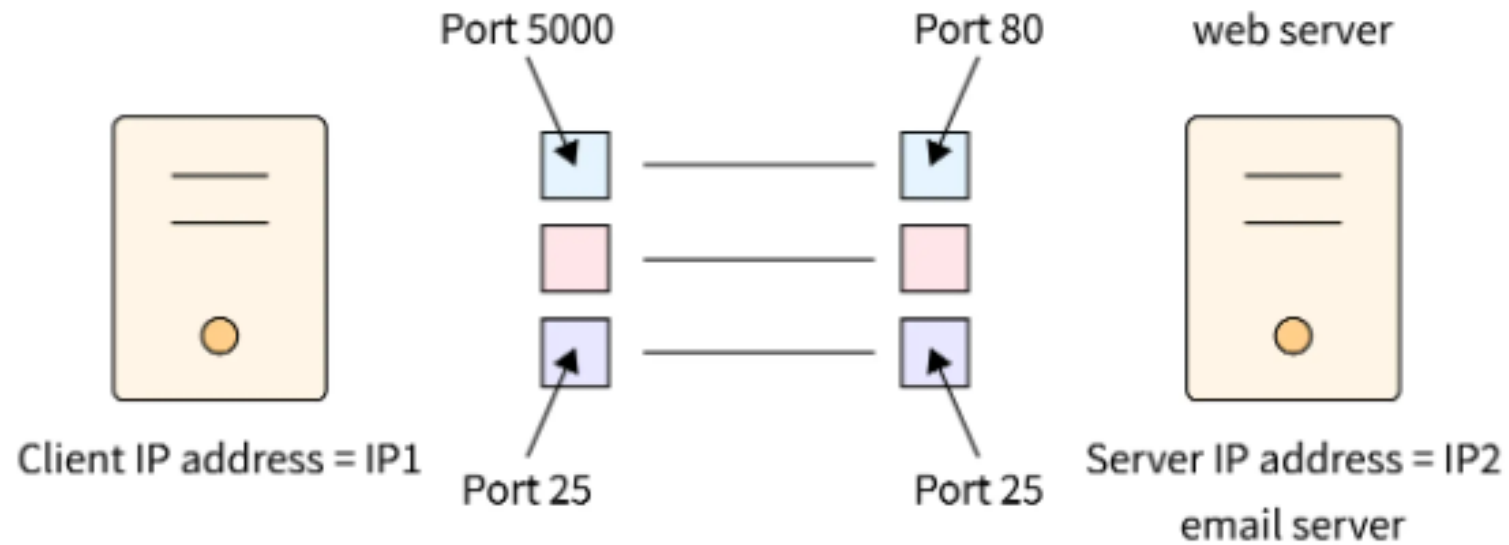


Was wisst ihr bereits über Server?





TCP/IP Port And Sockets





Was ist Crafty?



<https://craftycontrol.com>

Was ist Crafty?

- Webinterface zum Steuern von Minecraft Servern
- Eine Benutzerverwaltung für deine Server
- Ein Werkzeug zum für die Überwachung deiner Server
- Die Steuerungszentrale für deine Backups
- Sammelstelle für Log Daten deiner Server



Navigation

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Host

CPU Usage: 0.5
Memory Usage: 33.7%

Servers

2

2 online
0 offline

Players

0

30 Max

Storage



/

5.9GB / 74.8GB

All Servers

Create New Server

Search:

Server	Actions	CPU Usage	Memory Usage	Server Dir Size	Players	Status
Mein Server	⏏️ ↺ ☠️	<div><div></div></div> 2.0%	<div><div></div></div> 23.0% - 1.7GB	104.2MB	0 / 20 Max A Minecraft S 1.20.4	🟢 Online
Bedrock Server	⏏️ ↺ ☠️	<div><div></div></div> 0%	<div><div></div></div> 3% - 208.5MB	459.3MB	0 / 10 Max MCPE 1.20.51	🟢 Online

Showing 1 to 2 of 2 entries

Server Details - Mein Server

UUID: b24764ca-c288-4a27-835b-a814ee601b0c

Server Status: Online
Server Started: 2023-12-26 22:14:46
Server Uptime: 1 day, 11 hours, 25 minutes and 29 seconds
Server Time Zone: Etc/UTC

CPU Usage: 3 %
Memory Usage: 1.7GB
Players: 0/20

Version: 1.20.4
Description: A Minecraft Server
Server Type: minecraft-java

- Terminal
- Logs
- Schedule
- Backup
- Files
- Config
- Player Management
- Metrics
- Webhooks

```
[21:15:32] [Worker-Main-1/INFO]: Preparing spawn area: 0%
[21:15:32] [Worker-Main-1/INFO]: Preparing spawn area: 0%
[21:15:33] [Worker-Main-1/INFO]: Preparing spawn area: 0%
[21:15:33] [Worker-Main-1/INFO]: Preparing spawn area: 0%
[21:15:34] [Worker-Main-1/INFO]: Preparing spawn area: 0%
[21:15:34] [Worker-Main-1/INFO]: Preparing spawn area: 0%
[21:15:35] [Worker-Main-1/INFO]: Preparing spawn area: 0%
[21:15:35] [Worker-Main-1/INFO]: Preparing spawn area: 0%
[21:15:36] [Worker-Main-1/INFO]: Preparing spawn area: 0%
[21:15:36] [Worker-Main-1/INFO]: Preparing spawn area: 0%
[21:15:37] [Worker-Main-1/INFO]: Preparing spawn area: 0%
[21:15:37] [Worker-Main-1/INFO]: Preparing spawn area: 0%
[21:15:38] [Worker-Main-1/INFO]: Preparing spawn area: 0%
[21:15:38] [Worker-Main-1/INFO]: Preparing spawn area: 0%
[21:15:39] [Worker-Main-1/INFO]: Preparing spawn area: 0%
[21:15:39] [Worker-Main-1/INFO]: Preparing spawn area: 0%
[21:15:40] [Worker-Main-1/INFO]: Preparing spawn area: 0%
[21:15:40] [Worker-Main-1/INFO]: Preparing spawn area: 0%
[21:15:41] [Worker-Main-1/INFO]: Preparing spawn area: 0%
[21:15:41] [Worker-Main-1/INFO]: Preparing spawn area: 36%
[21:15:42] [Worker-Main-1/INFO]: Preparing spawn area: 39%
[21:15:42] [Worker-Main-1/INFO]: Preparing spawn area: 70%
[21:15:43] [Server thread/INFO]: Time elapsed: 38878 ms
[21:15:43] [Server thread/INFO]: Done (48.325s)! For help, type "help"
[03:15:36] [Server thread/INFO]: ServerSeeker (/141.98.11.60:57172) lost connection: Disconnected
[08:20:25] [Server thread/INFO]: ServerSeeker_net (/109.123.240.84:59608) lost connection: Disconnected
```


Enter your command

Send command

Start

Restart

Stop

 CRAFTY
CONTROLLER

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Create New Server

Server Type

Server Type (Vanilla, Servers, Modded, etc.)

Server Select

Select a Server

Server Version

Select a Version

Server Name

My New Server

Quick Settings - Don't worry, you can change these later

Minimum Memory - Size in GB

Maximum Memory - Size in GB

Server Port - 25565 default

1

2

25565

Add Server to Existing Role(s) - If none are selected Crafty will make one!

Build Server!Reset Form

Import from a Zip File

Server Name

My New Server

Server Path Absolute path to your server

/var/opt/server.zip

Select Archive Root Dir Please click the button below to select your server's root dir inside of the archive

Click here to select Root Dir

Import an Existing Server

Server Name

My New Server

Server Path Absolute path to your server

/var/opt/server

Server Executable File

paper.jar

Quick Settings - Don't worry, you can change these later

Minimum Memory - Size in GB

Maximum Memory - Size in GB

Server Port - 25565 default

1

2

25565

Add Server to Existing Role(s) - If none are selected Crafty will make one!

Import Server!Reset Form

Upload Zip File For Server Import

Server Name

My New Server


Upload Zipped Server

Choose your Zip File

Browse

Upload

Import Server!Reset Form

 MINNY.IO
SPIELEND LERNEN · LERNEND SPIELEN

Crafty Installation

Crafty Installation

Wir fangen damit an Crafty zu installieren

[▶ START SCENARIO](#) [🖨️ PRINT](#)

Crafty Installation

Wir fangen damit an Crafty zu installieren

name	id	template	status	public ip	private ip	hostname
minecraft	dynamic-4uck65gapc-2cf6eb34	vmt-p2r7pl7rvf	✓ running	91.107.227.233	91.107.227.233	dynamic-4uck65gapc-2cf6eb34

CANCEL


BEGIN SCENARIO






Java Server



 Minecraft-Java

 Minecraft-Bedrock

Create New Server



Server Type

Server Type (Vanilla, Servers, Modded, etc.)



Server Select

Select a Server



Server Version

Select a Version



Server Name

My New Server

Quick Settings - Don't worry, you can change these later

Minimum Memory - Size in GB

1

Maximum Memory - Size in GB

2

Server Port - 25565 default

25565

▼ Add Server to Existing Role(s) - If none are selected Crafty will make one!

Build Server!

Reset Form

Server Type

Server Type (Vanilla, Servers, Modded, etc.)

Server Type (Vanilla, Servers, Modded, etc.)

Modded

Proxies

Servers

Vanilla

Server Select

mohist

mohist

fabric

forge

catserver

Server Type

Servers

Server Select

paper

paper

purpur

sponge



Java Installation

Java Instanz

Hier werden wir die erste Java Instanz anlegen

[▶ START SCENARIO](#) [🖨️ PRINT](#)

Java Instanz

Hier werden wir die erste Java Instanz anlegen

name	id	template	status	public ip	private ip	hostname
minecraft	dynamic-4uck65gapc-2cf6eb34	vmt-p2r7pl7rvf	✓ running	91.107.227.233	91.107.227.233	dynamic-4uck65gapc-2cf6eb34

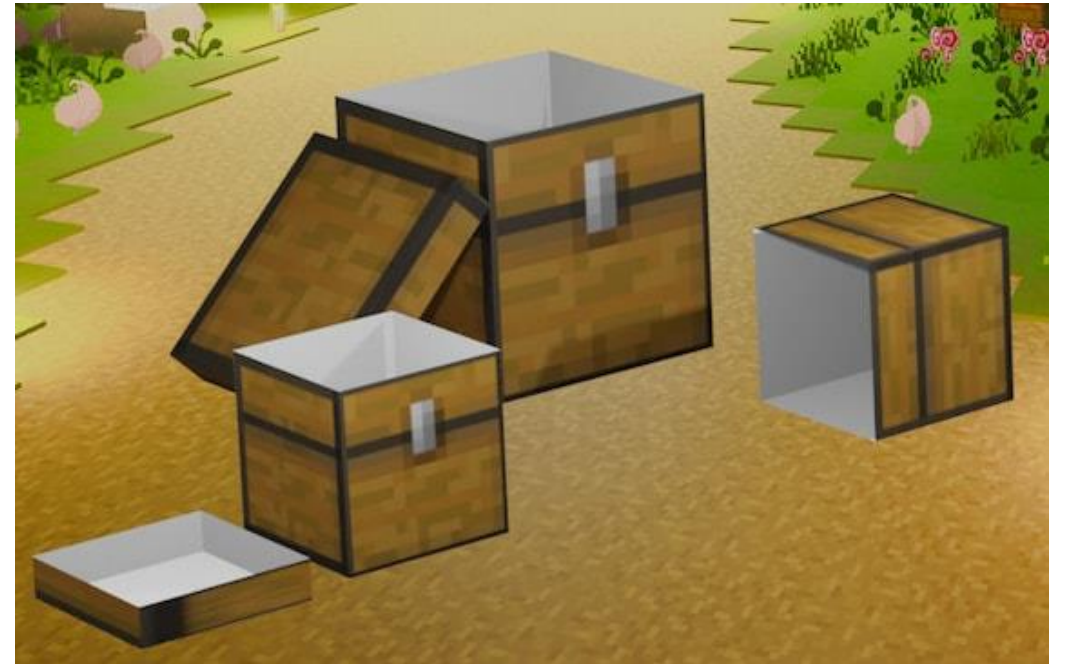
CANCEL

BEGIN SCENARIO





Backups



Backups

- Manchmal kann bei Updates etwas kaputt gehen
.
- Wenn ein „böser“ Spieler Dinge kaputt macht kann ein Backup das reparieren
- Wenn dein Server kaputt geht hast du einen Weg zurück.

[Backup Now!](#)

Storage Location - Where do you want to store backups?

Max Backups - Crafty will not store more than N backups, deleting the oldest (enter 0 to keep all)

- ☐ Compress Backup
- ☐ Shutdown server for duration of backup
- ☐ Run command before backup
- ☐ Run command after backup

Backup Exclusions - Choose the paths you wish to exclude from your backups

[Click to select Exclusions](#)[Save](#)[Cancel](#)

Current Backups

Search:

Options ↑↓

Path

↑↓

Size

↑↓

No data available in table

Showing 0 to 0 of 0 entries

Excluded Paths:

Name

Backup

Linked Child Tasks:

Basic / Cron / Chain Reaction Select

Basic

Action

Backup Server

Interval - How often do you want this schedule executed?

1

Hours

☒ Enabled☐ Delete after execution Save Cancel



Grundlagen zur Sicherheit



Sicherheit

- ◆ Updates sind immer wichtig! Sowohl von Minecraft als auch vom Betriebssystem deines Servers
- ◆ Vertraue niemandem blind!
- ◆ Mods und Plugins können deinen Server übernehmen. Lade daher bitte immer aus vertrauenswürdigen Quellen herunter und Prüfe Dinge die dir zugesendet werden ausführlich

Sicherheit

- ◆ Wenn du einen Server bereitstellst hast du Zugriff auf schützenswerte Daten von anderen. Geh immer verantwortungsvoll damit um und gib diese Daten nie ohne Zustimmung weiter.
- ◆ Sichere Passwörter sind der erste Schritt, 2 Faktor Authentifizierung sollte ebenfalls verwendet werden wenn möglich.



CHAOS CRAFT

<https://chaos-craft.io/>

<https://minny.io/>