

# Create and change pool configs

## Overview

Machines use pool configs to mine coins in a specified pool. Configs are created during customer onboarding and can be changed any time thereafter. This article describes how to set up a new customer configuration, and how to change an existing configuration for individual machines, as well as for Avalon machines connected through an Avalon controller.

## Create and apply a new pool config

### Step 1: Create a new pool config

When a customer is onboarded, a config must be created before their machines will start mining.

#### To create a new config

1. Go to **ADMIN > Configuration**, and then click **Add A Config**.
2. Enter the **Basic Info** (see table below) in the corresponding drop downs, and then specify the pool URLs and other pool settings in **Pool 1, 2 and 3**.

#### NOTE

##### About Watcher Links

At the pool, a watcher is a read-only view of a sub-account's data. If the pool allows the user to generate a watcher link to share with others, we allow Minder users to provide that shared pool watcher link.

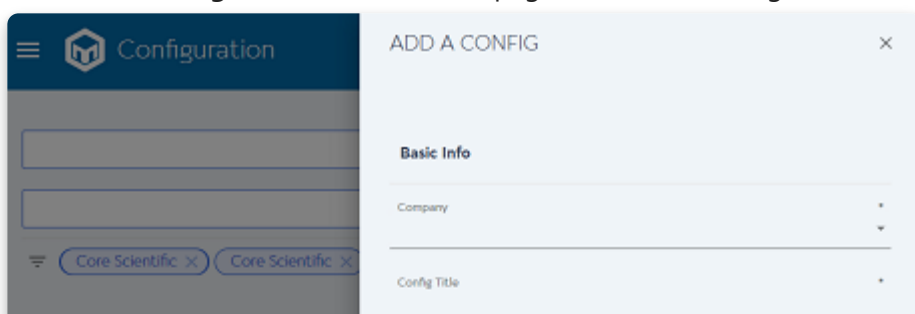
3. Choose either **Host** or **Tag** from the **Worker Info** drop down menu, and then select **Remove Dashes**, if appropriate.

#### NOTE

##### About Worker Info

Worker Info controls how machine worker names get configured, and ultimately how they will be reporting mining work to the pool. By default, Minder will always configure customer machines with the format `{pool_user}.{asset_tag}`, where the pool user is the one provided, and the asset tag is Minder's asset identifier. This can be controlled by setting the preferred Worker Info to **Host**, which will use the fully formatted asset tag with the site location included in the worker name, such as `{pool_user}.{site}-{asset_tag}`, with the **remove dashes** flag, it would look like, `{pool_user}.{site}{asset_tag}`.

4. Click **Save Config** at the bottom of the page to save the configuration.



Id

Company

Customer

109	Core Scientific	Core Scientific
84	Core Scientific	Core Scientific
29	Core Scientific	Core Scientific
66	Core Scientific	Core Scientific
37	Core Scientific	Core Scientific
85	Core Scientific	Core Scientific
68	Core Scientific	Core Scientific
67	Core Scientific	Core Scientific
69	Core Scientific	Core Scientific
86	Core Scientific	Core Scientific
26	Core Scientific	Core Scientific
39	Core Scientific	Core Scientific
3	Core Scientific	Core Scientific
51	Core Scientific	Core Scientific
49	Core Scientific	Core Scientific
76	Core Scientific	Core Scientific
80	Core Scientific	Core Scientific
77	Core Scientific	Core Scientific
81	Core Scientific	Core Scientific
48	Core Scientific	Core Scientific
38	Core Scientific	Core Scientific
78	Core Scientific	Core Scientific
97	Core Scientific	Core Scientific
34	Core Scientific	Core Scientific
79	Core Scientific	Core Scientific
50	Core Scientific	Core Scientific
35	Core Scientific	Core Scientific
52	Core Scientific	Core Scientific
101	Core Scientific	Core Scientific
36	Core Scientific	Core Scientific
82	Core Scientific	Core Scientific
129	Core Scientific	Core Scientific
134	Core Scientific	Core Scientific

Config Description...

Miner Type

Pool 1

Pool Url

Sub Account

Password

Watcher Link

Pool 2

Pool Url

Sub Account

Password

Watcher Link

Pool 3

Pool Url

Sub Account

Password

Watcher Link

Worker Info

Worker

☐ remove dashes

Save Config

Basic Info (required)	Description
<b>Company</b>	Configs are created for particular customers. Configs can be applied to any machine, but they should only be applied to the company specified here. Companies can have multiple configs to support multiple customers, different machine types and pools.
<b>Customer</b> (hidden until you enter a company)	Companies can have multiple customers. If the company has no additional customers, choose <b>Enter the company</b> here again.
<b>Config Title</b>	This is the name of the config you are creating. This should include the name of the company and other pertinent information, like the type of machines or pools.
<b>Config Description</b>	The description should contain any additional identifying information that wasn't applicable to the title.
<b>Miner Type</b>	Each config is specific to a single miner type. Companies with more than one miner type will have a config for each type.

## NOTE

**About Pools**

Pool information is provided by the pool the customer is mining with. If they haven't set up a pool yet, they'll need to have a wallet account to do so. If they don't have a wallet account, they can head over to [bitcoin.org](https://bitcoin.org) first to set one up. Once they have a wallet and pools set up, they'll have the information you need to fill in the pool accounts in Minder. You can enter information for up to 3 pools. Following are some popular pools:

- [Slush Pool](#)
- [AntPool](#)
- [BTC.com](#)
- [KanoPool](#)
- [F2Pool](#)

## Step 2: Apply the new config

### To apply a new config

## NOTE

**About Avalon Machines**

Since Avalon machines are connected through an Avalon Controller, configurations cannot be applied to individual Avalon machines. Configurations for Avalon machines should be applied to the controllers of the machines you want to configure.

1. Go to **OPERATIONS > Servers** to select the machine(s) or Avalon Controller(s) that will use this new configuration.
2. Filter machines based on **Company**, **Customer** and **Miner Type** to select the machines to add to the Config:

1. Check the boxes of the machines to which you want to apply the config, and then click **Reconfig**.

2. On the **Choose Config** page that comes up, click the radio button next to the config you want to apply to the machine(s) you selected in step 3, and click **Change Config** to apply the configuration:

## Change an existing pool config

You may need to update existing pool information if a different pool is required. The following steps outline how to change the pool configuration and then apply it to machines.

### Step 1: Change a pool config

#### To change a config

1. Go to **ADMIN > Configuration**, and then click config you want to change.
2. In **EDIT CONFIGURATION** update the **Basic Info**, if appropriate, and then change the pool settings in **Pool 1, 2 and 3**.
3. Choose either **Host** or **Tag** from the **Worker Info** drop down menu, and select **Remove Dashes** if appropriate.
4. Click **Save Config** at the bottom of the page to save the configuration.

#### WARNING

##### About Overclocking

Overclocking (available only for Antminer S9 machines) incorrectly can result in poor performance and damage to the machine from overheating. You should not change overclocking settings unless you are very sure what you are doing.

### Step 2: Apply the changed configuration to machines

#### NOTE

##### About Avalon Machines

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#### To change a config

1. Go to **OPERATIONS > Servers** to select the machine(s) or Avalon controller(s) that will use the changed configuration.
  2. Filter machines based on **Company**, **Customer** and **Miner Type** to select the machines to add to the config.
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1. Check the boxes of the machines to which you want to apply the config, and then click **Reconfig**.
  2. On the **Choose Config** page that comes up, click the radio button next to the config you want to apply to the machine(s) you selected in step 3, and click **Change Config** to apply the configuration.