



# discord.gg/ahAEzaB

### <u>Patreon</u>

Big thanks to those who helped assist in not only coding this whole fucking thing but also in debugging. You guys are the <u>real fucking heroes</u>.

> Alex/Clodan Chomp CWX Fin JustNU Lua

# Zindae

# The following options are currently present as of v1.7.0 in Valens-AIO.

# DebugMode

Boolean: True/False Default: False Enables logging in the server. By Default is False. <u>!!Warning!!</u> Will fill the server with a log for

everything you've changed from default.

# Ammo

### Stacks

Number: Amount

### Grenades

Default: 1 Sets the Max Stacks of Grenades (shot from GL40 or

### M32A1).

.338 Lapua Magnum Default: 30 Sets the Max Stacks of .338 Lapua Magnum rounds.

12.7×55mm
Default: 30
Sets the Max Stacks of 12.7×5mm rounds.

7.62×54mm
Default: 40
Sets the Max Stacks of 7.62×54Rmm rounds.

7.62×51mm
Default: 40
Sets the Max Stacks of 7.62×51mm rounds.

9×39mm Default: 50 Sets the Max Stacks of 9×39mm rounds.

.366 TKM Default: 50 Sets the Max Stacks of .366 TKM rounds. 7.62×39mm
Default: 60
Sets the Max Stacks of 7.62×39mm rounds.

7.62×35mm (.300 BLK) Default: 60 Sets the Max Stacks of 7.62×35mm (.300 BLK) rounds.

5.56×45mm Default: 60 Sets the Max Stacks of 5.56×45mm rounds.

5.45×39mm Default: 60 Sets the Max Stacks of 5.45×39mm rounds.

5.7×28mm
Default: 60
Sets the Max Stacks of 5.7×28mm rounds.

4.6×30mm Default: 70 Sets the Max Stacks of 4.6×30mm rounds. 9×33R (.357 Mag) Default: 30 Sets the Max Stacks of .357 Mag rounds.

1143×23ACP (.45 ACP) Default: 50 Sets the Max Stacks of .45 ACP rounds.

7.62×25mm Default: 50 Sets the Max Stacks of 7.62×25mm rounds.

#### 9×21mm

Default: 50 Sets the Max Stacks of 9×21mm rounds.

#### 9×19mm

Default: 50 Sets the Max Stacks of 9×19mm rounds.

#### $9 \times 18$ mm

Default: 50 Sets the Max Stacks of 9×18mm rounds. 23×75mm Default: 15 Sets the Max Stacks of 23×75mm (KS-23) shotgun shells.

12 Gauge
Default: 20
Sets the Max Stacks of 12 Gauge shotgun shells.

20 Gauge Default: 20 Sets the Max Stacks of 20 Gauge shotgun shells.

30×29mm VOG Default: 1 Sets the Max Stacks of 30×29mm VOG grenades which are shot from VOG-30 launchers.

26×75mm Flare Default: 1 Sets the Max Stacks of the Pistol caliber flares cartridges (red, white, yellow, green).

### Armor

Remove Gear Restrictions Boolean: True/False Default: False Removes all gear restrictions. Enabling the ability to wear both body armor, and armored tactical vests at the same time as well as many other gear/equipment pieces.

### Armor Materials

See the wiki <u>here</u> for more info and how to calculate, and adjust these values.

#### UHMWPE

"destructibility": 0.45, "minRepairDegradation": 0.01, "maxRepairDegradation": 0.03, "explosionDestructibility": 0.4, "minRepairKitDegradation": 0.005, "maxRepairKitDegradation": 0.025

### Aramid

"destructibility": 0.25,
"minRepairDegradation": 0.03,
"maxRepairDegradation": 0.07,
"explosionDestructibility": 0.2,

"minRepairKitDegradation": 0.025, "maxRepairKitDegradation": 0.065 Combined "destructibility": 0.5, "minRepairDegradation": 0.1, "maxRepairDegradation": 0.15, "explosionDestructibility": 0.4, "minRepairKitDegradation": 0.09, "maxRepairKitDegradation": 0.14 Titan "destructibility": 0.55, "minRepairDegradation": 0.06, "maxRepairDegradation": 0.1, "explosionDestructibility": 0.5, "minRepairKitDegradation": 0.055, "maxRepairKitDegradation": 0.09 Aluminium "destructibility": 0.6, "minRepairDegradation": 0.06,

"minRepairDegradation": 0.06,
"maxRepairDegradation": 0.1,
"explosionDestructibility": 0.6,
"minRepairKitDegradation": 0.055,
"maxRepairKitDegradation": 0.09

#### Armored Steel

"destructibility": 0.7, "minRepairDegradation": 0.01, "maxRepairDegradation": 0.03, "explosionDestructibility": 0.6, "minRepairKitDegradation": 0.005, "maxRepairKitDegradation": 0.025

### Ceramic

"destructibility": 0.8, "minRepairDegradation": 0.17, "maxRepairDegradation": 0.22, "explosionDestructibility": 0.7, "minRepairKitDegradation": 0.155, "maxRepairKitDegradation": 0.2

### Glass

"destructibility": 0.8, "minRepairDegradation": 0.23, "maxRepairDegradation": 0.42, "explosionDestructibility": 0.8, "minRepairKitDegradation": 0.21, "maxRepairKitDegradation": 0.38

### Bots

Boss Chance Activated Boolean: True/False Default: False Sets Boss Chance to be enabled with True or disabled with False

#### Chance

Number: 0-100 | Percent Default: 100 Sets the chance% that boss(es) will spawn on any given map. Loops through \*ALL\* bosses.

### Max Bot Cap

Number: Amount Default: 20 Sets the maximum amount of bots that are able to spawn at any given time.

### PMC

Chance Same Side Is Hostile Number: 0-100 | Percent Default: 50 Chance that the same PMC side as you (BEAR/USEC) will be hostile to you in-raid. Containers On PMCs Boolean: True/False Default: True Enables <u>common</u> and <u>secure</u> containers to spawn on PMC bots.

You can adjust the likelihood of them spawning by increasing the pmc.lootNValue. 1.1 nValue on pmc would be the "best" loot you could find.

Higher values = worse loot. Use this <u>tool</u> to find out more by adjusting 4 in const n =4;

Warning: If set to True (it is by default) then you will also need to ensure that Items.removeBackpacksRestrictions is also set to True (it also is by default).

#### Is USEC

Number: 1-100 | Percent Default: 50 Chance that when a PMC is spawned they will be USEC. Live statistics have USEC at about 63% so 63 would be "live-like" spawning more USEC than BEAR. Default is 50. PMC lootNValue Number: 1-? Default: 3 NValue determines what spawns when you loot a corpse. The function sets the lootNValue of PMCs to the value configured. Higher numbers skew towards worse loot, while lower numbers skew towards an even distribution. Decimals skew towards both (1.1 for example would skew towards rare/expensive loot being common).

Use this <u>tool</u> for your own perusal regarding how NValue works.

Max Backpack Loot Total Rub Value Number: 1-? Default: 150,000 Sets the max loot value, in rubles, that can spawn in a backpack for PMC bots. It can spawn any item in the game including REAP-IR, etc. however, once that total value is reached it will no longer spawn anything and must fit in whatever inventory slot it is trying to spawn in. It also does **NOT** have to spawn the Ruble value every time you loot a PMCs backpack.

Max Pockets Loot Total Rub Value Number: 1-? Default: 50,000 Same as the Backpack.

Max Vest Loot Total Rub Value Number: 1-? Default: 50,000 Same as Pockets/Backpack.

### Difficulty Weights

Difficulty

String: "easy", "normal", "hard", "impossible", "asonline" Default: "asonline" Sets the difficulty of every PMC bot that is generated to the value set. As Online is "Random".

Use Weights Boolean: True/False Default: False Enables the use of the Weights function for difficulty. You can view the weighting system <u>here</u> and copy the code for your own use if you desire.

```
Weights
Number: 1-?
Defaults ||
"Easy": 0,
"Normal": 40,
"Hard": 30,
"Impossible": 30
```

Refer to this <u>chart</u> for the percentages that the weighting system equates to and use the code if you desire to have your own sheet to manipulate.

By Default	it equa	tes to the following
Difficulty	Weight	Percentile Chance
Easy	0	0%
Normal	40	40%
Hard	30	30%
Impossible	30	30%

Convert Into PMC Chance: BotType : min/max Number: 1-100 | Percent Assault: 15/40 CursedAssault: 15/40 PMCBot: 15/30 exUsec: 5/20

Sets the chance that botType will convert into a PMC bot. Can be set for Assault (Scav), CursedAssault (Scav when Cursed/Tagged), PMCBot (Raider), and ExUSEC (Rogue).

Loose Weapon In Backpack Chance Number: 1-100 | Percent Default: 15 Chance that a PMC will spawn with a weapon as backpack loot.

### Min/Max

Number: 1-? Default: 1,1 Minimum and Maximum number of weapons that will spawn in a PMC backpack.

### Scav

Scav lootNValue
Number: 1-?

Default: 4

NValue determines what spawns when you loot a corpse.

The function sets the lootNValue of Scavs to the value configured. Higher numbers skew towards worse loot, while lower numbers skew towards an even distribution. Decimals skew towards both (1.1 for example would skew towards rare/expensive loot being common).

Use this <u>tool</u> for your own perusal regarding how NValue works.

# Containers

Common Containers Enabled Boolean: True/False Default: False "Container": { Width: Width of the Container. Height: Height of the Container. CellsH: Width of the inside of the Container. CellsV: Height of the inside of the Container. } You can see the default values for all Containers <u>here</u>. Secured Containers

```
Secured containers
Enabled
Boolean: True/False
Default: False
"SecuredContainer":
{
    Width: Width of the Container.
    Height: Height of the Container.
    CellsH: Width of the inside of the Container.
    CellsV: Height of the inside of the
Container.
}
You can see the default values for all Secured
Containers here.
```

### Flea

Min User Level Number: 1-Max level Default: 15 Sets the user level required to access the flea market.

### Blacklist

Enable BSG List Boolean: True/False Default: True Enables the BSG Blacklist for the Flea market.

#### Enable Quest List

Boolean: True/False Default: True Enables the BSG Blacklist for Quests.

### Condition

Condition Chance Decimal: 0.0-1.0 Default: 0.2 (or 20%) Sets the chance that an item listed on the Flea Market will have a degraded condition.

#### Min

Decimal: 0.0-1.0 Default: 0.6 (or 60%) Sets the minimum condition an offer can be generated/listed with on the Flea market for you to buy.

#### Max

Decimal: 0.0-1.0 Default: 1.0 (or 100%) Sets the maximum condition an offer can be generated/listed with on the Flea market for you to buy.

Currencies Roubles Number: 1-100 | Percent Default: 78 The chance that offers generated for you to buy on Flea Market will be in Roubles. All 3 (Roubles, Dollars, and Euros) should equal up to 100%.

#### Dollars

Number: 1-100 | Percent Default: 20 The chance that offers generated for you to buy on Flea Market will be in Dollars. All 3 (Roubles, Dollars, and Euros) should equal up to 100%.

#### Euros

Number: 1-100 | Percent Default: 2 The chance that offers generated for you to buy on Flea Market will be in Euros. All 3 (Roubles, Dollars, and Euros) should equal up to 100%.

### Offer Item Count

Min Number: 1-100 Default: 8 Minimum amount of offers per item on flea.

#### Max

Number: 1-100 Default: 15 Maximum amount of offers per item on flea.

### Reputation

Gain Decimal: 0.002 Default: 0.0000002 Rep gain per item sold on flea.

### Loss Decimal: 0.002 Default: 0.0000002 Rep loss per item not sold on flea.

### Time

```
Base Sell Time
Number: 1-? | Minutes
Default: 15
Base time to sell an item on the flea market. A
setting of 0 on all 3 will sell items instantly.
```

```
Minimum Sell Time
Number: 1-? | Minutes
Default: 5
```

Minimum time to sell an item on flea.

```
Maximum Sell Time
Number: 1-? | Minutes
Default: 15
Maximum time to sell an item on flea.
```

# Globals

Damage Per Meter Number: 1-? Default: 9 Sets the damage per meter when falling.

### Safe Height

Number: 1-? Default: 3 Sets the safe height with which falling from will result in no damage.

### Max Loyalty Traders

Boolean: True/False Default: False Sets traders to max loyalty level.

### **Time Before Deploy Local**

Number: 1-100 | Seconds Default: 10 The amount of time it takes to deploy on the Raid Found screen.

### Match End Settings Survived EXP Requirement Number: 1-? Default: 200 Sets the amount of EXP requirement to have Survived status.

Survived Seconds Requirement Number: 1-? | Seconds Default: 420 Sets the amount of time required to have survived in Raid before extracting to not have Run Through status.

Survived EXP Reward Number: 1-? Default: 300 The EXP reward for having Survived status upon successful exfil from a Raid.

MIA EXP Reward Number: 1-? Default: 200 The EXP reward for having failed to exil from a Raid but haven't died. Runner EXP Reward Number: 1-? Default: 200 The EXP reward for having ran through a Raid.

Left Multiplier Decimal: 0-? Default: 0 The EXP Multiplier for having Left/Disconnect status from a Raid.

MIA Multiplier Decimal: 0-? Default: 1 The EXP Multiplier for having gone MIA in a raid.

```
Survived Multiplier
Decimal: 0-?
Default: 1.3
The EXP Multiplier for having survived a raid.
```

Runner Multiplier Decimal: 0-? Default: 0.5 The EXP Multiplier for having run through a raid.

Killed Multiplier Decimal: 0-? Default: 1 The EXP Multiplier for dying in a raid.

Headshot Multiplier Decimal: 0-? Default: 1.2 The EXP Multiplier for a headshot completed in a raid.

EXP On Damage All Health Number: 1-? Default: 50 The EXP Reward for dealing damage to all health in a raid.

## Hideout

Air Filter Flow Rate Decimal: 0-? Default: 0.00472222222222 Sets the Air Filter consumption rate.

### Construction Time Multiplier Decimal: 0-? Default: 1

Multiplier for the time it takes to construct a piece of the hideout (Workbench for example). 1 is 100%, 0.5 is 50%, etc.

### **Generator Fuel Flow Rate**

Decimal: 0.001319444444444 Default: 0.001319444444444 Sets the Generator Fuel Consumption rate.

### **GPU Boost Rate**

Decimal: 0.015 Default: 0.015 Sets the rate at which Bitcoin farm pumps out Bitties.

### **Production Time Multiplier**

Decimal: 0.0-? Default: 1 Sets the hideout production multiplier for time required when crafting item(s).

### Scav Case Time Multiplier

Decimal: 0.0-? Default: 1 Sets the return time of the Scav Case.

# Insurance

### **Blacklisted Equipment**

String
Default: ["Scabbard", "SecuredContainer",
"Compass", "ArmBand"],
Allows you to configure the blacklist for
equipment that cannot be insured. The following
categories are allowed.

"ArmBand" "ArmorVest" "Backpack" "Earpiece" "Eyewear" "FaceCover" "FirstPrimaryWeapon"

"Headwear"

"Holster"

"Scabbard"

"SecondPrimaryWeapon"

"TacticalVest"

```
For example:
```

```
["ArmorVest", "TacticalVest",
"FirstPrimaryWeapon"],
```

would allow you to insure Scabbard, Secure Container, Compass, and Armband but disallow you from insuring Armor vests, Tactical vests, and your primary weapons.

```
Prapor
minHr
Number
Default: 24
The minimum amount of hours before insurance is
returned from the specific trader.
```

maxHr Number Default: 36 The maximum amount of hours before insurance is returned from the specific trader.

### storageMaxHr

Number

### Default: 96

The maximum of hours before retrieved, and available to collect, insurance is discarded by the trader.

### priceCoef

Number Default: 0.16 The price coefficient of the traders insurance cost.

### returnChance

Number Default: 80 The % chance that your insurance will be returned by the trader.

Therapist minHr Number Default: 10 The minimum amount of hours before insurance is returned from the specific trader.

#### maxHr

Number

### Default: 20

The maximum amount of hours before insurance is returned from the specific trader.

#### storageMaxHr

Number Default: 144 The maximum of hours before retrieved, and available to collect, insurance is discarded by the trader.

### priceCoef

Number Default: 0.25 The price coefficient of the traders insurance cost.

### returnChance

Number Default: 85 The % chance that your insurance will be returned by the trader.

### Items

Standard Stash
Vertical: 28
Horizontal: 10
Sets the vertical and horizontal cell size of
the Standard edition stash or Stash level 1.
Both Vertical and Horizontal work however, you
will need to use the scroll bar to the
left/right for horizontal changes.

### Left Behind Stash Vertical: 38 Horizontal: 10 Sets the vertical and horizontal cell size of the Left Behind or Stash level 2. Default is vert 38, hori 10.

Escape Stash Vertical: 48 Horizontal: 10 Sets the vertical and horizontal cell size of the Stash level 3. Default is vert 48, hori 10.

### EOD Stash Vertical: 68 Horizontal: 10 Sets the vertical and horizontal cell size of the Stash level 4. Default is vert 68, hori 10.

### **Examined By Default**

Boolean: True/False Default: False Whether or not items should be examined by default. If set to True you will not receive any EXP for the items.

### Examine Time

Enabled Boolean: True/False Default: False Determines whether or not the function should be enabled, or disabled.

### Examine Time

Number: Seconds Default: 1 Sets the amount of time, in seconds, it takes to examine all items. Remove Backpacks Restrictions Boolean: True/False Default: True Removes the filters of Backpacks.

Warning!! Required True for Containers on PMCs.

### **Remove Containers Restrictions**

Boolean: True/False Default: True Removes the filters of Containers.

### **Remove Discard Limit**

Boolean: True/False Default: True Removes the Discard Limit in raid.

### Remove In Raid Item Restrictions

Boolean: True/False Default: True Removes the In Raid Item restrictions. 4 GPUs max in inventory for example.

Remove Key Usage Max Boolean: True/False Default: True Will remove the max usage limit on all keys.

### Remove Secure Containers Restrictions Boolean: True/False Default: True

Removes the filters of Secured Containers.

### Weight Modifier

Decimal: 0.0-? Default: 1 Sets weight modifier for all items. 1 is 100%, 0.5 is 50%, etc.

### Roubles Max Stack

Number: 1-1,000,000,000 Default: 500,000 Sets the max stack for rubles.

### Dollars Max Stack

Number: 1-1,000,000,000 Default: 50,000 Sets the max stack for dollars.

### **Euros Max Stack**

Number: 1-1,000,000,000 Default: 50,000 Sets the max stack for euros.

# Locations

### All Extracts Available

Boolean: True/False Default: False Sets all extracts to be 100% chance of spawning.

### Exfil Time

Number: 1-? | Seconds Default: 8 Sets all extracts to extract in <u>8 seconds</u>.

### **Extractions Extended**

Boolean: True/False Default: False Allows you to extract at any extract regardless of where you spawned on the map.

### No Extract Restrictions

Boolean: True/False Default: False Removes all restrictions from extracts. V-Extracts you can extract without rubles, and coop extracts can extract without Scavs.

# Loot

Containers In Marked Room Boolean: True/False Default: True Adds <u>containers</u> to the marked room stash for Customs, and Reserve only.

#### Loose Loot Multiplier

Number: 1-? Default: 1 Sets the multiplier of all loose loot which spawns in the world.

### Static Loot Multiplier

Number: 1-? Default: 1 Sets the multiplier of all static loot which spawns in containers.

# Quests

Only Found In Raid Boolean: True/False Default: True If False removes the requirement for items to be Found In Raid to turn in for quests.

# Raid

Car Extract Base Standing Gain Number/Decimal: 0-? Default: 0.25 Sets the amount of Fence rep you get for the first (base) car extract. It will "degrade" for every extract after the first.

**Chompies Boss Fix** 

Boolean: True/False Default: True Fixes raider and boss spawns from switches (like D2 pwr switch on Reserve.)

Fix Open Zones

Boolean: True/False Default: True Fixes those zones which currently do not spawn bots and enables bots to spawn. Zone examples are Office in Factory, ZB-013/Scav Base/Fortress on Customs.

#### Scav Extract Gain

Number: 0.0-? Default: 0.01 Sets the amount of Fence rep you get for every successful scav extract.

### Time Limit

Number: 1-? | Minutes Default: 60 Set the raid time limit to 60 minutes or whatever value you dictate.

# Difficulty Settings

(Variable) Set the default difficulty settings on the Enable Pve screen so you don't have to adjust them every raid.

By default they are as follows. As Online simply equates to Random. aiAmount: "AsOnline", Low, Medium, High aiDifficulty: "AsOnline", Easy, Medium, Hard, Impossible bossEnabled: true, false scavWars: false, true taggedAndCursed: false, true enablePve: true, false

# Skills

Skill Endurance Weight Threshold Number Default: 0.65 The threshold at which you can level Endurance (as a multiplier) so 0.65 or 65% of weight means you'll be leveling strength at default.

# Skill Fatigue Per Point

Number Default: 0.6 How much skill fatigue per point leveled.

### Skill Fresh Effectiveness

Number Default: 1.3 How fast a skill levels up when "fresh" and not fatigued.

### Skill Fatigue Reset

Number Default: 200 How fast a skill resets from fatigued to fresh.

### Skill Fresh Points

Number Default: 1 The number of skill points achieved when fresh, and not fatigued.

# Skill Min Effectiveness

Number Default: 0.0001 The minimum effectiveness of a skill through fatigue.

## Skill Points Before Fatigue

Number Default: 1 The number of skill points needed before a skill fatigues.

### Skill Progress Rate

Number Default: 0.4 The rate at which a skill progresses.

### Weapon Skill Progress Rate

Number Default: 1 The rate at which weapon skills progress.

# **Prewipe Events**

All Bosses On Reserve Boolean: True/False Default: False Activates the All Bosses on Reserve Prewipe Event.

### All Traders Sell Cheap Items

Boolean: True/False Default: False Activates the All Traders Sell Cheap Items Prewipe Event.

### Glukhar On Labs

Boolean: True/False Default: False Activates the Glukhar On Labs Prewipe Event.

## Killa On Factory

Boolean: True/False Default: False Activates the Killa On Factory Prewipe Event.

### Make Obdolbos Powerful

Boolean: True/False Default: False Activates the Obdolbos Prewipe Event.

# Traders

UpdateTime Array: traderId (String), Seconds (Number) Default: traderId, 3600

Trader ID refers to the TPL ID of the trader. Do not change the traderId.

Sets how often traders refresh their assort in seconds.

```
Prapor = 54cb50c76803fa8b248b4571
Therapist = 54cb57776803fa99248b456e
Fence = 579dc571d53a0658a154fbec
Skier = 58330581ace78e27b8b10cee
Peacekeeper = 5935c25fb3acc3127c3d8cd9
Mechanic = 5a7c2eca46aef81a7ca2145d
Ragman = 5ac3b934156ae10c4430e83c
Jaeger = 5c0647fdd443bc2504c2d371
```

Trader Price Multiplier Number Default: 1

Sets the price multiplier for all traders.

Minimum Durability For Sale Number Default: 60

Sets the minimum durability to be able to sell an item to a trader other than Fence.

#### Fence

Partial Refresh Time Number (Seconds) Default: 240

Sets the partial refresh time of Fence (aka the new 4 minute timer that refreshes 15 percent of Fences inventory).

Partial Refresh Change Percent Number (Percent) Default: 15

Sets the percent of Fence's inventory that is changed upon the 4 min refresh.

Assort Size Number Default: 100

Sets the amount of items Fence will have in his assort.

Max Presets Percent Number (Percent) Default: 5 Sets the max amount of weapon presets Fence can have in his assort.

```
Preset Price Multiplier
Number (Multiplier)
Default: 2.5
```

Sets the price multiplier of weapon presets listed in Fence's inventory.

```
Blacklist
Array: String
Default: ["5661632d4bdc2d903d8b456b",
"543be5e94bdc2df1348b4568",
"543be6674bdc2df1348b4569",
"5448bf274bdc2dfc2f8b456a",
"543be5664bdc2dd4348b4569",
"5447bedf4bdc2d87278b4568"]
```

Sets the blacklist of Fence's assort.

# Weapons

Jam Boolean: True/False Default: False When set to True will disable the ability for weapons to Jam.

### Misfeed

Boolean: True/False Default: False When set to True will disable the ability for weapons to misfeed.

### Misfire

Boolean: True/False Default: False When set to True will disable the ability for weapons to misfire.

### **Overheat**

Boolean: True/False Default: False When set to True will disable the ability for weapons to overheat.

### Slide

Boolean: True/False Default: False When set to True will disable the ability for weapons to slide.

#### **Recoil Tweaks**

Boolean: True/False Default: True Implements some recoil tweaks to make it more realistic compared to shootin' birds in the sky.

### SMG In Holsters

Boolean: True/False Default: False When set to True will enable the ability for SMGs to also occupy the Holster slot as well as Primary Weapon.