Opt in to run AVS

Multi-Prover AVS is in PoA mode during its initial launch phase. Make sure that your ECDSA address is in the allowlist. ```

Copy ./run.shopt-in

```

If you findexecution revert inside the logs, please contact us to add your operator ECDSA key to the whitelist.

The following logs confirm that you opt-in the Multi-Prover AVS successfully:

```

Copy 2024/04/11 09:38:13 [avsregistry.(*AvsRegistryChainWriter).RegisterOperatorInQuorumWithAVSRegistryCoordinator:writer.go:196][INFO] registering operator with the AVS's registry coordinator avs-service-manager=0x4665Af665df5703445645D243f0FD63eD3b9D132 operator=0x78FDDe7a5006cC64E109aeD99cA7B0Ad3d8687bb quorumNumbers=[0] 2024/04/11 09:38:15 [txmgr. (*SimpleTxManager).queryReceipt:txmgr.go:143][INFO] Transaction not yet mined txID=0x49a75b6f1b1f5a0df7176e74866e183cd5f35726c7f5b1dc851c14da00eed947 2024/04/11 09:38:17 [txmgr. (*SimpleTxManager).queryReceipt:txmgr.go:143][INFO] Transaction not yet mined txID=0x49a75b6f1b1f5a0df7176e74866e183cd5f35726c7f5b1dc851c14da00eed947 2024/04/11 09:38:19 [txmgr. (*SimpleTxManager).queryReceipt:txmgr.go:143][INFO] Transaction not yet mined txID=0x49a75b6f1b1f5a0df7176e74866e183cd5f35726c7f5b1dc851c14da00eed947 2024/04/11 09:38:21 [txmgr. (*SimpleTxManager).queryReceipt:txmgr.go:143][INFO] Transaction not yet mined txID=0x49a75b6f1b1f5a0df7176e74866e183cd5f35726c7f5b1dc851c14da00eed947 2024/04/11 09:38:23 [txmgr. (*SimpleTxManager).queryReceipt:txmgr.go:143][INFO] Transaction not yet mined txID=0x49a75b6f1b1f5a0df7176e74866e183cd5f35726c7f5b1dc851c14da00eed947 2024/04/11 09:38:25 [txmgr. (*SimpleTxManager).queryReceipt:txmgr.go:143][INFO] Transaction not yet mined txID=0x49a75b6f1b1f5a0df7176e74866e183cd5f35726c7f5b1dc851c14da00eed947 2024/04/11 09:38:27 [txmgr. (*SimpleTxManager).queryReceipt:txmgr.go:143][INFO] Transaction not yet mined txID=0x49a75b6f1b1f5a0df7176e74866e183cd5f35726c7f5b1dc851c14da00eed947 2024/04/11 09:38:29 [txmgr. (*SimpleTxManager).queryReceipt:txmgr.go:143][INFO] Transaction not yet mined txID=0x49a75b6f1b1f5a0df7176e74866e183cd5f35726c7f5b1dc851c14da00eed947 2024/04/11 09:38:31 [txmgr. (*SimpleTxManager).queryReceipt:txmgr.go:143][INFO] Transaction not yet mined txID=0x49a75b6f1b1f5a0df7176e74866e183cd5f35726c7f5b1dc851c14da00eed947 2024/04/11 09:38:33 [txmgr. (*SimpleTxManager).queryReceipt:txmgr.go:143][INFO] Transaction not yet mined txID=0x49a75b6f1b1f5a0df7176e74866e183cd5f35726c7f5b1dc851c14da00eed947 2024/04/11 09:38:35 [txmgr. (*SimpleTxManager).queryReceipt:txmgr.go:143][INFO] Transaction not yet mined txID=0x49a75b6f1b1f5a0df7176e74866e183cd5f35726c7f5b1dc851c14da00eed947 2024/04/11 09:38:37 [txmgr. (*SimpleTxManager).queryReceipt:txmgr.go:143][INFO] Transaction not yet mined txID=0x49a75b6f1b1f5a0df7176e74866e183cd5f35726c7f5b1dc851c14da00eed947 2024/04/11 09:38:39 [avsregistry.(*AvsRegistryChainWriter).RegisterOperatorInQuorumWithAVSRegistryCoordinator:writer.go:258][INFO] successfully registered operator with AVS registry coordinator txHash=0x49a75b6f1b1f5a0df7176e74866e183cd5f35726c7f5b1dc851c14da00eed947 avs-service-manager=0x4665Af665df5703445645D243f0FD63eD3b9D132 operator=0x78FDDe7a5006cC64E109aeD99cA7B0Ad3d8687bb quorumNumbers=[0] 2024/04/11 09:38:39 [main.(*OprToolOptIn).FlaglyHandle:main.go:74][INFO] Registered operator with avs registry coordinator 2024/04/11 09:38:39 [main.(*OprToolOptIn).FlaglyHandle:main.go:81][INFO] operatorID: 9f018fa5c580cce497c54832c0e955baae268cd2b279c40fc155f37cadcf3df6

```

Run the operator node

☐ Make sure the ECDSA key holds at least 2 holETH, which will be used to pay gas fee for verifying attestation

```

Copy ./run.shoperator

```

To check the status of the operator node, you can usedocker compose ps to check the status

```

Copy dockercomposeps

```

You will see that themulti-prover-operator is already running

```

Copy NAME IMAGE COMMAND SERVICE CREATED STATUS PORTS multi-prover-operator ghcr.io/automata-network/multi-prover-avs/operator:v0.1.0 "operator -c /config…" operator 7 seconds ago Up 6 seconds

```

Usedocker compose logs to check the logs of operator node

```

Copy dockercomposelogs

```

The following logs confirm that the operator node is running:

```

Copy multi-prover-operator | 2024/04/11 10:43:47 [operator.(*Operator).RegisterAttestationReport:operator.go:428][INFO] Operater has registered on TEE Liveness Verifier multi-prover-operator | 2024/04/11 10:43:47 [operator.(*Operator).Start:operator.go:309][INFO] Start Operator... operator info: operatorId=9f018fa5c580cce497c54832c0e955baae268cd2b279c40fc155f37cadcf3df6, operatorAddr=0x78FDDe7a5006cC64E109aeD99cA7B0Ad3d8687bb, operatorG1Pubkey=E([17272839535451540985101994971264887424902045713917022194344894638723325891184,7681852807937705470578904330559505013628557319515589040414004928[operatorG2Pubkey=E([9315467493058496604862195381240282780757838291463523924997720226534255124911+304591385302274266839855221136103425028325455583712887140920554 multi-prover-operator|runtracerid:operator-log-tracer multi-prover-operator | 2024/04/11 10:43:47 [operator.(*Operator).proverGetPoe:operator.go:392][INFO] fetching poe for batch 0x1c25a0073bab4b32ffa221a8f1841a65f6e844e9bf18271e994493e246a54284 multi-prover-operator|2024/04/1110:48:32[operator.(*Operator).OnNewLog:operator.go:274][PRETTY] { multi-prover-operator|"identifier":"0x1", multi-prover-operator | "metadata": "0x7b2273746172745f626c636b223a313839323830312c22656e645f626c636b223a313839323833347d", multi-prover-operator | "state": "0x7b2262617463685f686173683223a22307835663636303037636462653936306430653346636336436437666632323564383433333261663338387643762643864376166662333339353133363338366565373032373232326[multi-prover-operator|"quorum_numbers":"0x00", multi-prover-operator|"quorum_threshold_percentages":"0x00", multi-prover-operator|"reference_blocknumber":1324845 multi-prover-operator|} multi-prover-operator | 2024/04/11 10:48:38 [operator.(*LogTracer).Run:log_trace.go:134][INFO] [operator-log-tracer] scan 18862681 -> 18862781, logs: 14

```

Usedocker compose down if you want to stop the operator node

```

Copy dockercomposedown

```

Opt-out from Multi-Prover AVS

Run the following command if you want to opt-out from the Multi-Prover AVS:

```

Copy ./run.shopt-out

```

The following logs confirm that you opt-out from the Multi-Prover AVS successfully:

```

Copy 2024/04/11 09:45:55 [avsregistry.*(AvsRegistryChainWriter).DeregisterOperator:writer.go:312][INFO] deregistering operator with the AVS's registry coordinator 2024/04/11 09:45:58 [txmgr. *(SimpleTxManager).queryReceipt:txmgr.go:143][INFO] Transaction not yet mined txID=0x013e6e9b99a12367c166d9744071ec6c3287e626b6a2bbb7d6785bbd8c3d5c05 2024/04/11 09:46:00 [txmgr. *(SimpleTxManager).queryReceipt:txmgr.go:143][INFO] Transaction not yet mined txID=0x013e6e9b99a12367c166d9744071ec6c3287e626b6a2bbb7d6785bbd8c3d5c05 2024/04/11 09:46:02 [avsregistry.*(AvsRegistryChainWriter).DeregisterOperator:writer.go:325][INFO] succesfully deregistered operator with the AVS's registry coordinator txHash=0x013e6e9b99a12367c166d9744071ec6c3287e626b6a2bbb7d6785bbd8c3d5c05 2024/04/11 09:46:02 [main.(*OprToolOptOut).FlaglyHandle:main.go:110][INFO] Tx: 0x013e6e9b99a12367c166d9744071ec6c3287e626b6a2bbb7d6785bbd8c3d5c05, Succ: true

```

Previous Deposit strategies Next FAQ Last updated10 hours ago On this page * Run the operator node * Opt-out from Multi-Prover AVS

Was this helpful?