

Redis Cluster Maker - miniCache

[Go to Monitor](#)[Go to Manager](#)[Go to Maintenance](#)

 **Cluster Status:** No cluster exists. Ready to create a new cluster.

0 - Download/Upload Redis Package

Choose a Redis tarball from local machine or download from redis.io

[Upload local file](#)

OR

[Download from redis.io](#)[redis-7.4.0.tar.gz](#)[Extract & Compile Package](#)[redis-7.4.0.tar.gz](#)

Redis 7.4.0 Compiled Successfully

Redis version 7.4.0 has been extracted and compiled successfully.

- ✓ Extracted: redis-7.4.0.tar.gz
- ✓ Compiled: redis-7.4.0
- ✓ Copied to: /Users/alper/Projects/reBin/redis-7.4.0
- ✓ Binary location: /Users/alper/Projects/reBin/redis-7.4.0/src/

Deploy Redis Binary to Remote Servers

Compile Redis on remote servers with different CPU architectures:

[Deploy to Remote Servers](#)[7.4.0](#)

Binary Distribution Summary

Total unique servers: 2

Local servers (skipped - already compiled): 1

Remote servers compiled: 1

Successfully processed: 1 servers

Failed: 0 servers

Details:

▶ Skipping local server 192.168.1.17 - binaries already compiled locally

🔧 Compiling Redis 7.4.0 on remote server 192.168.1.29...

✓ Successfully compiled Redis 7.4.0 on 192.168.1.29

1 - Check Cluster Status

Check if a Redis cluster already exists and view current status.

Check Status

ℹ Ready for Cluster Creation

No existing cluster detected. You can proceed with cluster creation.

2 - Validate Nodes

Validate all configured nodes before cluster creation. Checks server reachability and configuration.

Validate All Nodes

✓ All Validations Passed

Total Nodes in Config: 9

Active Nodes: 9

Inactive Nodes: 0

Reachable Servers: 2

Unreachable Servers: 0

3 - Preview Cluster Configuration

Preview how the cluster will be configured with your current settings.

Replication Factor:

2 replicas - requires 9 nodes

[Preview Configuration](#)

Cluster Configuration Preview

Total Active Nodes:	9
Master Nodes:	3
Replica Nodes:	6
Replication Factor:	2
Slots per Master:	~5461
Unique Servers:	2
Redis Version:	7.4.0

Node Distribution:

#	IP Address	Port	Max Memory	CPU Cores	Expected Role
1	192.168.1.17	6373	50mb	1,2	Master (likely)
2	192.168.1.17	6375	50mb	1,2	Master (likely)
3	192.168.1.17	6377	50mb	1,2	Master (likely)
4	192.168.1.17	6379	50mb	1,2	Replica (likely)
5	192.168.1.17	7373	50mb	1,2	Replica (likely)
6	192.168.1.17	7375	50mb	1,2	Replica (likely)
7	192.168.1.17	7377	50mb	1,2	Replica (likely)
8	192.168.1.17	7379	50mb	1,2	Replica (likely)
9	192.168.1.29	7379	50mb	1,2	Replica (likely)

Note: Redis Cluster automatically distributes masters and replicas. The actual role assignment may differ from the preview to optimize for fault tolerance.

4 - Create Redis Cluster

Create New Redis Cluster

Current Configuration:

Configured Redis Version:	7.4.0
Cluster Mode:	on
Authentication:	Enabled
Auto Compile:	Yes
Auto Start Nodes:	Yes
Active Nodes:	9

Redis Version:

Select the Redis version to use. Use section "0 - Download/Upload Redis Package" to add more versions.

Replication Factor:

Active nodes available: 9

Skip compilation
(use existing
binaries)

Skip starting
nodes (assume
already running)

 Create Cluster

 **Redis Cluster Created Successfully!**

Step 1: Creating directories...

✓ Created directories and config files for 9 nodes on 2 server(s)

Step 2: Compiling Redis 7.4.0...

✓ Redis 7.4.0 compiled successfully (local)

✓ Binaries copied to 1 local server(s)

⌚ Compiling on 1 remote server(s) (different architecture)...

✓ Redis compiled successfully on 192.168.1.29

Step 3: Starting Redis nodes...

✓ Started 9 Redis nodes

Step 4: Creating Redis Cluster...

✓ Redis Cluster created successfully with 2 replica(s) per master

Summary:

Active Nodes: 9

Unique Servers: 2

Replication Factor: 2

Redis Version: 7.4.0

Marker File: paredicma.done created

▼ Log Messages (7)

```
:: redis-7.4.0.tar.gz was extracted.  
:: Redis 7.4.0 compiled successfully.  
:: 192.168.1.29 :: Starting remote Redis compilation...  
:: 192.168.1.29 :: Copying Redis tar file...  
:: 192.168.1.29 :: Extracting and compiling Redis...  
:: 192.168.1.29 :: Redis compiled and binary verified.  
:: Cluster create string: /Users/alper/Projects/reBin/redis-7.4.0/src/redis-cli  
--cluster create 192.168.1.17:6373 192.168.1.17:6375 192.168.1.17:6377  
192.168.1.17:6379 192.168.1.17:7373 192.168.1.17:7375 192.168.1.17:7377  
192.168.1.17:7379 192.168.1.29:7379 --cluster-replicas 2 --cluster-yes -a  
u3**x5**sRE
```