CONFIGURATION GUIDES › DATABASES

Redis Monitoring

Applicare 10.0 · Updated December 24, 2025 · redis · **Pending technical review**

Create a new user account and designate the relevant permissions in Redis.

Step 1: Open the **redis.conf** file, Add the following line to the file to create a **read-only** user, and save it.

```
TEXT
user <readonly_user> on ><readonly_password> ~* +@read +info +slowlog
```

Substitute `<readonly_user>` and `<readonly_password>` with the newly username and password you have just created.

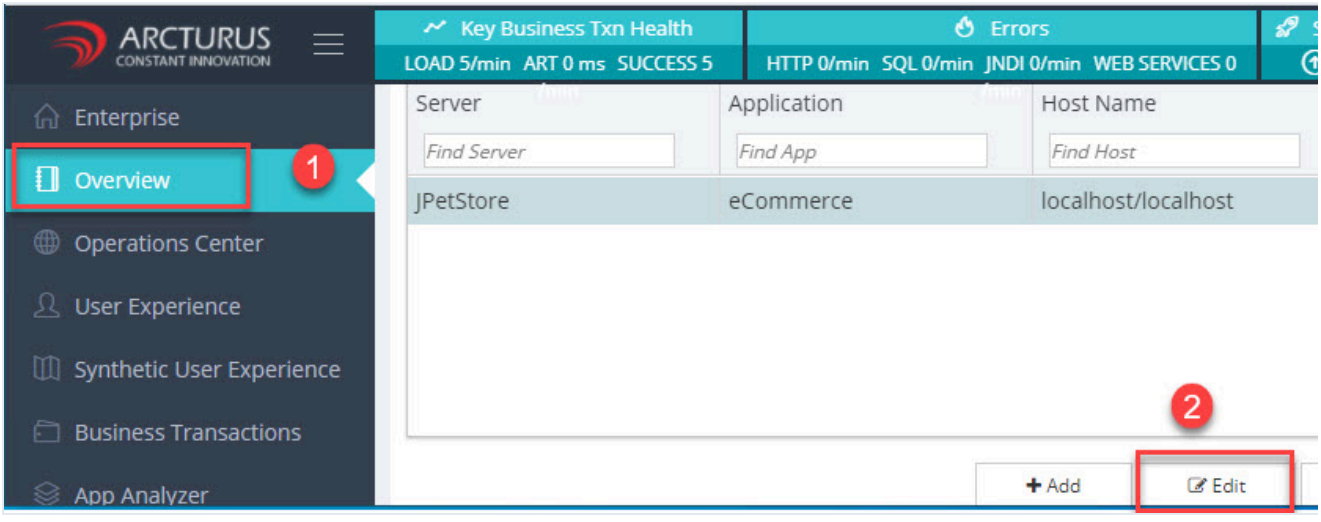
Example: If the newly created username is **appuser** and the password is **appuserpass**, use these details in place of `<readonly_user>` and `<readonly_password>`."

```
TEXT
user appuser on >appuserpass ~* +@read +info +slowlog
```

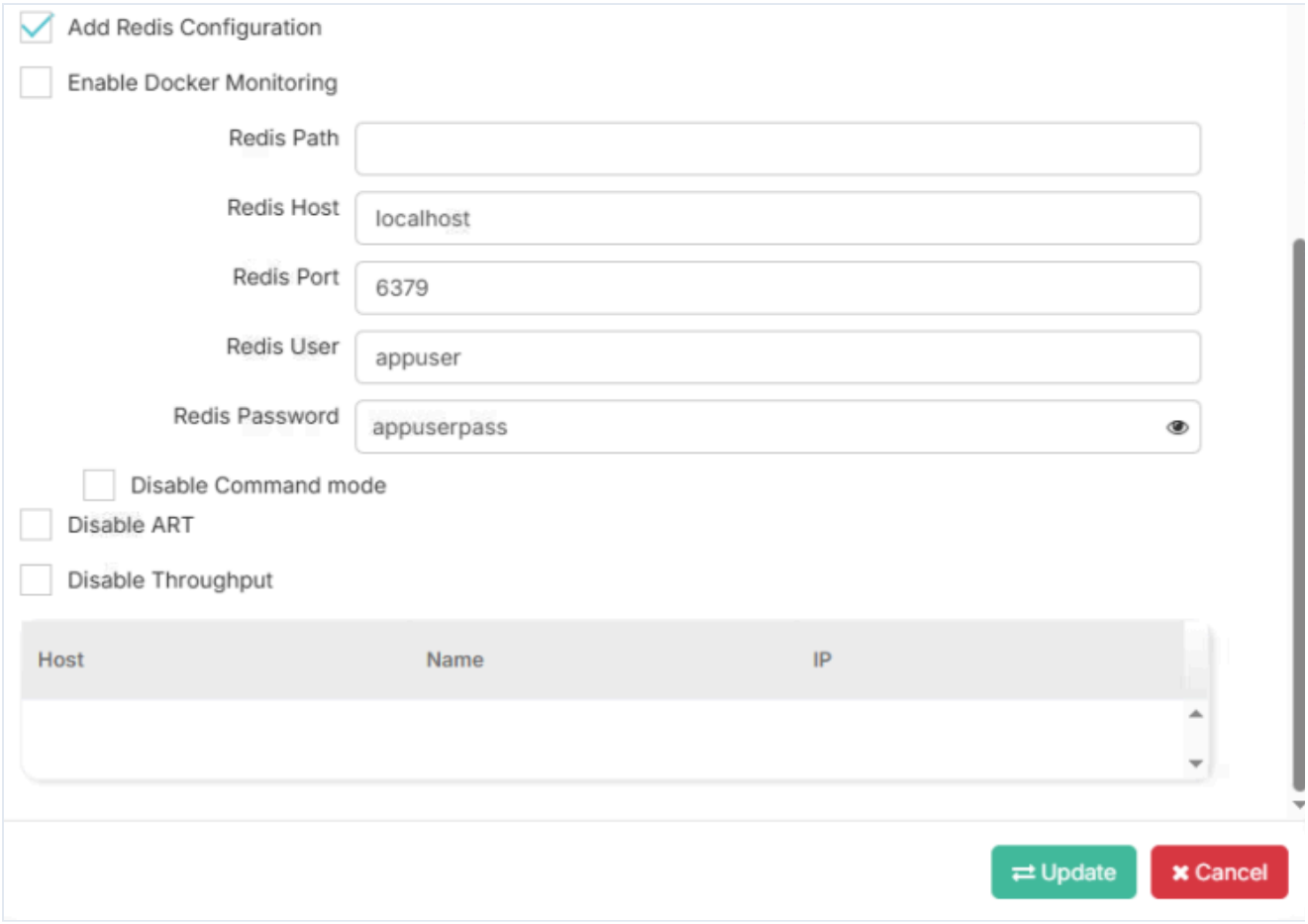
Step 2: Once the file is saved, **Restart Redis**.

Step 3: Install Applicare SingleAgent in the machine where **Redis database** is running by following the provided installation steps. Follow the steps for **Installing Applicare SingleAgent**

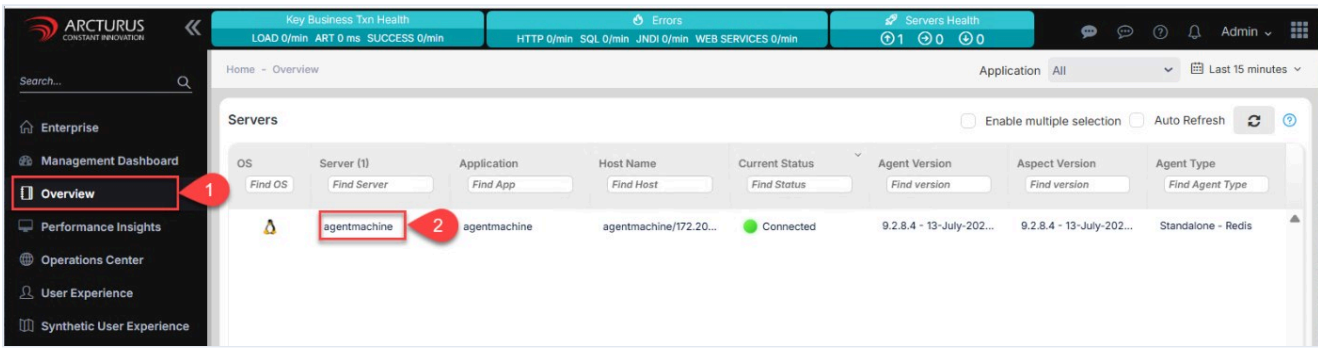
Step 4: Select the newly added agent and click the **Edit** button.

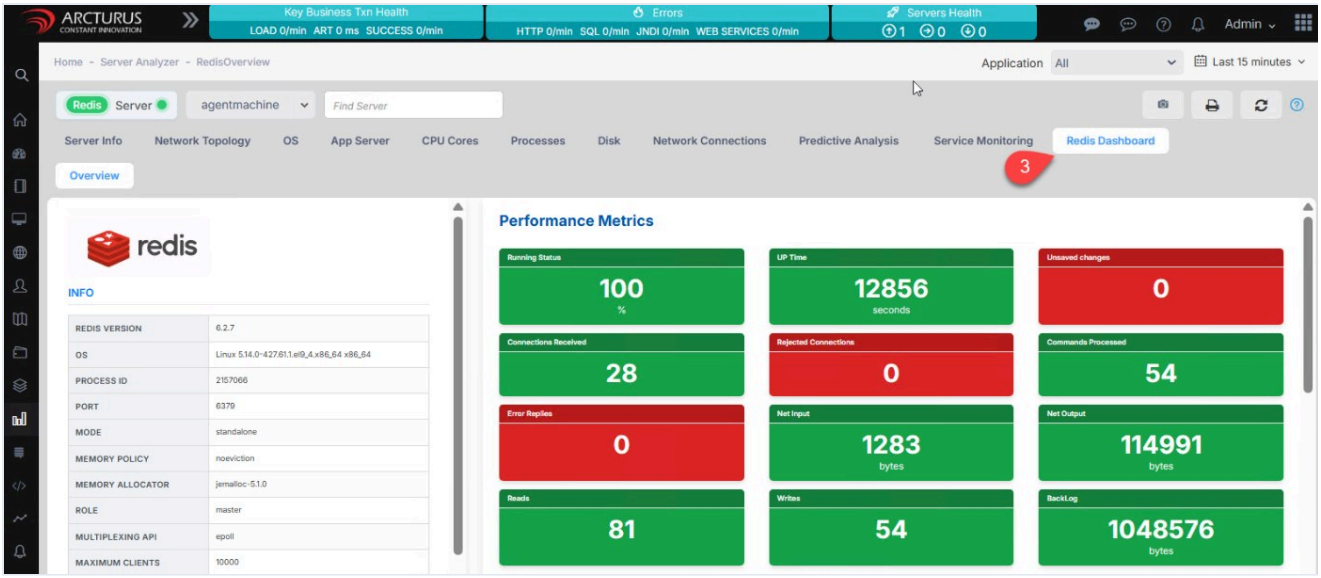


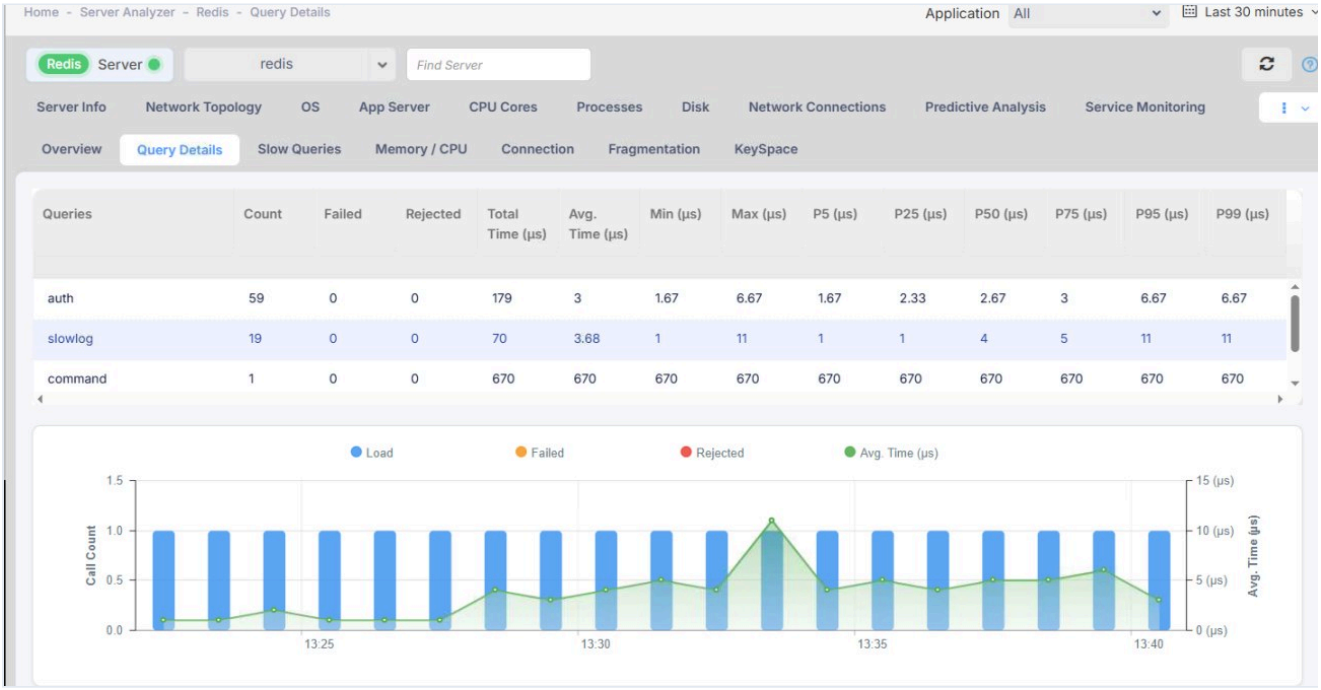
Step 5: Enable the **Add Redis configuration** checkbox. Then enter the **Host**, **Port**, **User** and **Password** then click the **update** button.



Step 5: After updating the configuration, to view the **Redis** data, click on the Redis configured server in the 'Server' column on the '**Overview**' screen. Then, select the '**Redis Dashboard**' tab.




ARCTURUS
Key Business Txn Health
LOAD 0/min ART 0 ms SUCCESS 0/min
Errors
HTTP 0/min SQL 0/min JNDI 0/min WEB SERVICES 0/min
Servers Health
Admin
Home - Server Analyzer - RedisOverview
Application All
Last 15 minutes
Redis Server
agentmachine
Find Server
Server Info
Network Topology
OS
App Server
CPU Cores
Processes
Disk
Network Connections
Predictive Analysis
Service Monitoring
Redis Dashboard
3
Overview
redis
INFO
REDIS VERSION 6.2.7
OS Linux 5.14.0-427.61.1.el9_4.x86_64 x86_64
PROCESS ID 2157066
PORT 6379
MODE standalone
MEMORY POLICY noeviction
MEMORY ALLOCATOR jemalloc-5.1.0
ROLE master
MULTIPLEXING API epoll
MAXIMUM CLIENTS 10000
Performance Metrics
Running Status 100 %
UP Time 12856 seconds
Unsaved changes 0
Connections Received 28
Rejected Connections 0
Commands Processed 54
Error Replies 0
Net Input 1283 bytes
Net Output 114991 bytes
Reads 81
Writes 54
BackLog 1048576 bytes


Home - Server Analyzer - Redis - Query Details
Application All
Last 30 minutes
Redis Server
redis
Find Server
Server Info
Network Topology
OS
App Server
CPU Cores
Processes
Disk
Network Connections
Predictive Analysis
Service Monitoring
Overview
Query Details
Slow Queries
Memory / CPU
Connection
Fragmentation
KeySpace
Queries Count Failed Rejected Total Time (µs) Avg. Time (µs) Min (µs) Max (µs) P5 (µs) P25 (µs) P50 (µs) P75 (µs) P95 (µs) P99 (µs)
auth 59 0 0 179 3 1.67 6.67 1.67 2.33 2.67 3 6.67 6.67
slowlog 19 0 0 70 3.68 1 11 1 1 4 5 11 11
command 1 0 0 670 670 670 670 670 670 670 670 670 670
Load
Failed
Rejected
Avg. Time (µs)
Call Count
Avg. Time (µs)
1.5
1.0
0.5
0.0
15 (µs)
10 (µs)
5 (µs)
0 (µs)
13:25
13:30
13:35
13:40