USING APPLICARE › INFRASTRUCTURE

Applicare Docker Monitoring

Applicare 10.0 · Updated September 13, 2024 · docker · **Pending technical review**

The Docker container must have the following packages installed for monitoring.

procps, net-tools, iotop and sysstat

To install packages inside a Docker container

Enter the Docker containers and install the packages one at a time.

If you encounter an **Unable to locate package** error, run the command **apt-get update** for Debian /Ubuntu or **yum update** for CentOS or RHEL. After updating, install the packages individually.

On Debian, Ubuntu, and Linux Mint

apt-get install procps apt-get install net-tools apt-get install iotop apt-get install sysstat

On RedHat, CentOS and Fedora yum install procps yum install net-tools yum install iotop yum install sysstat

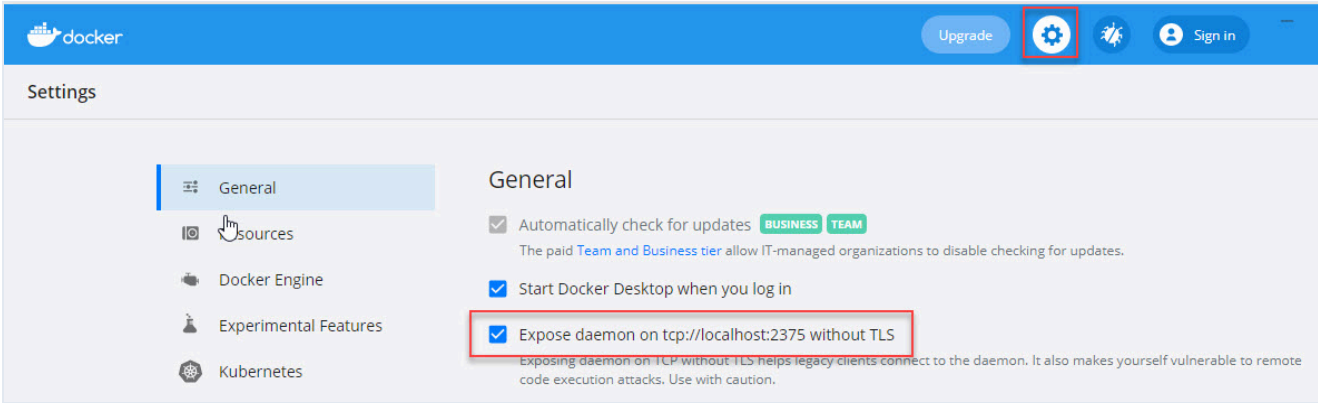
On Fedora 22+ Releases

dnf install procps dnf install net-tools dnf install iotop dnf install sysstat

Windows

For HTTP Monitoring

1. Open the Docker desktop, and go to **settings,** and enable the "**Expose daemon on tcp://localhost:2375 without TLS**" option and restart the docker desktop.



Linux

For HTTP Monitoring

1. Open the "**docker.service**" file and change the "**ExecStart=**" line to the below one

Syntax

```
TEXT
ExecStart=<dockerdpath> –H fd:// –H tcp://<docker_installed_ip>:<docker_running_port>
```

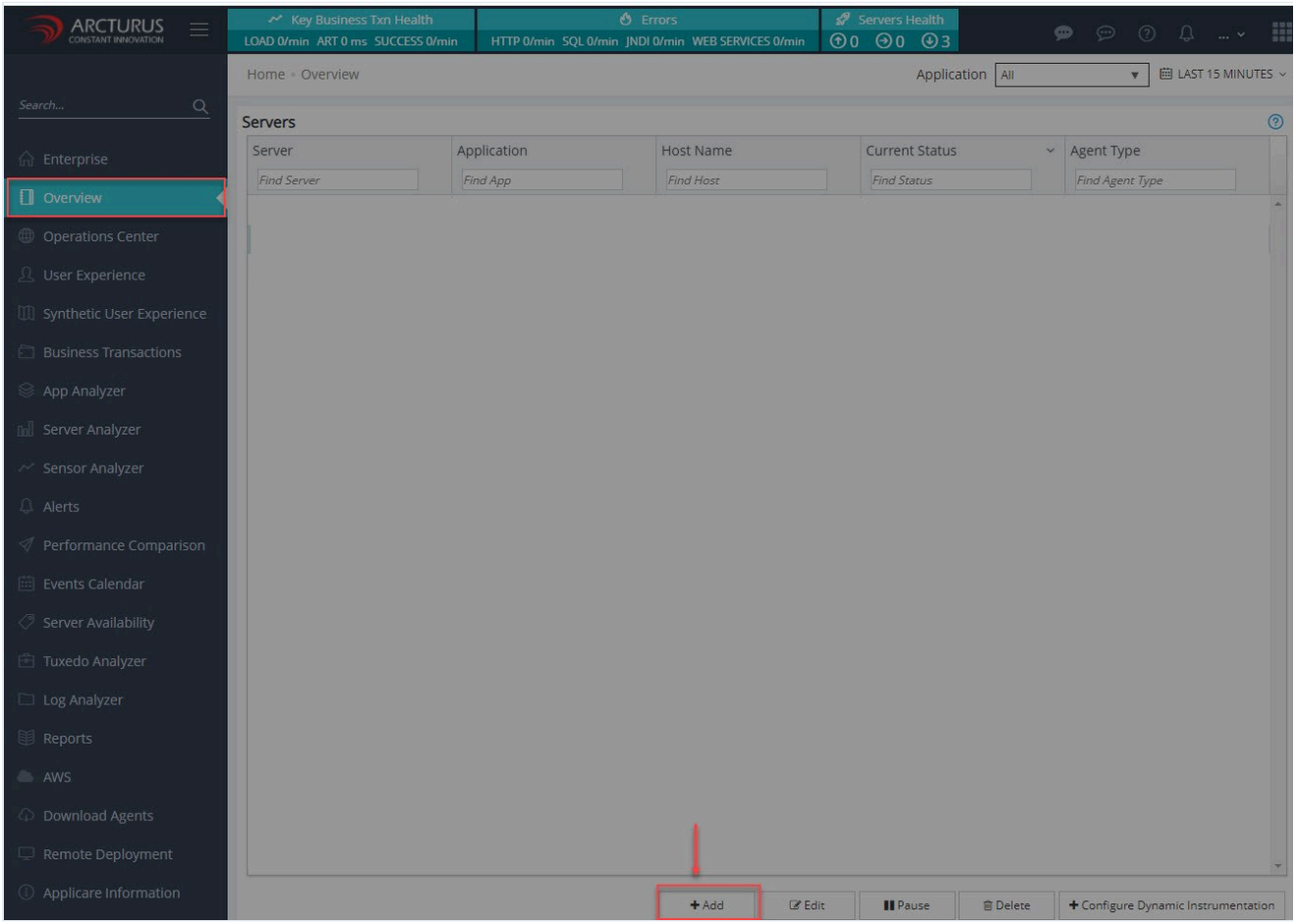
e.g.

ExecStart=/usr/bin/dockerd -H fd:// -H tcp://192.168.0.1:2375

2. Run the command "**systemctl daemon-reload**" and then restart the "**docker.service**".

Applicare Controller

1. Log in to **Applicare Console** and navigate to the **Overview** screen, and click the **Add** button.



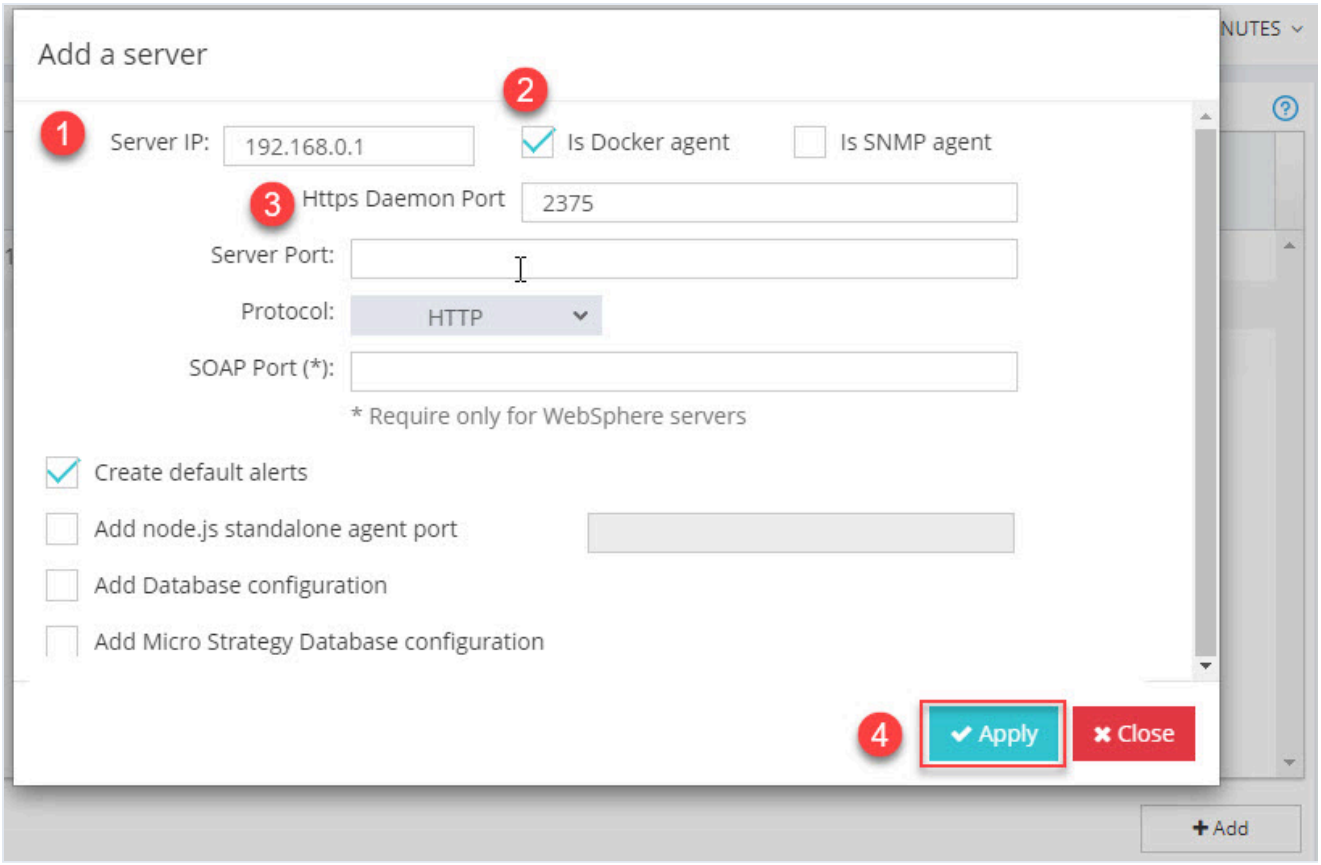
2. Enter the required details and save.

a. Input the **Server IP**

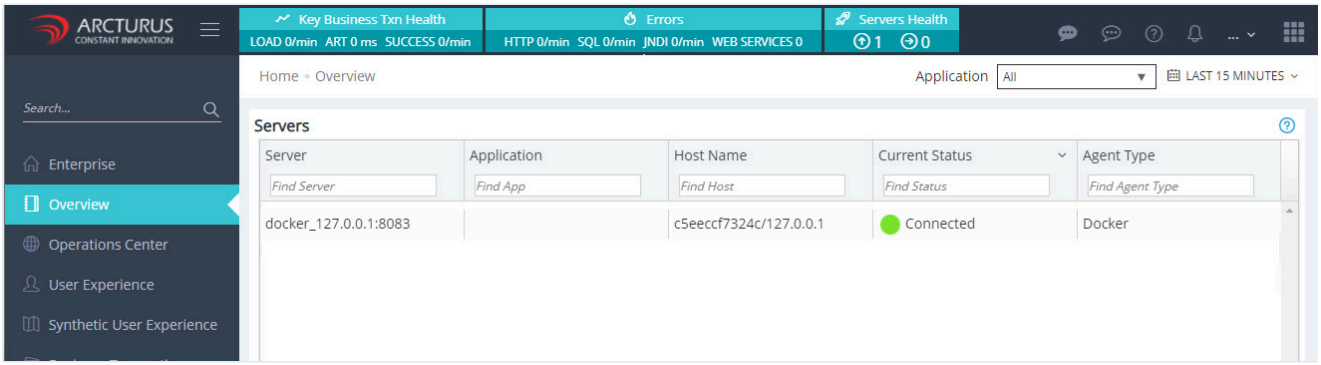
b. Enable the **Is Docker agent** option.

c. Enter the **HTTP Daemon Port**

d. Click the "**Apply**" button.



3. All running containers will be added as agents, any new containers that start will be automatically added as new agent.



4. After adding the containers, navigate to the Server Analyzer screen and check the metrics.

Monitoring with Applicare