Red Hat Enterprise Linux Release 9.2 Manual Pages on 'runc-update.8' command

$ man runc-update.8

runc-update(8)   System Manager's Manual   runc-update(8)

NAME

    runc-update - update running container resource constraints

SYNOPSIS

    runc update [option ...] container-id

    runc update -r resources.json|- container-id

DESCRIPTION

    The update command change the resource constraints of a running con?

    tainer instance.

    The resources can be set using options, or, if -r is used, parsed from

    JSON provided as a file or from stdin.

    In case -r is used, the JSON format is like this:

```
{
    "memory": {
        "limit": 0,
            "reservation": 0,
            "swap": 0,
            "kernel": 0,
            "kernelTCP": 0
    },
        "cpu": {
            "shares": 0,
            "quota": 0,
```

```
                "period": 0,

                "realtimeRuntime": 0,

                "realtimePeriod": 0,

                "cpus": "",

                "mems": ""

            },

            "blockIO": {

                "blkioWeight": 0

            }

        }
```

OPTIONS

    --resources|-r resources.json

        Read the new resource limtis from resources.json. Use - to read

        from stdin. If this option is used, all other options are ig?

        nored.

    --blkio-weight weight

        Set a new io weight.

    --cpu-period num

        Set CPU CFS period to be used for hardcapping (in microseconds)

    --cpu-quota num

        Set CPU usage limit within a given period (in microseconds).

    --cpu-rt-period num

        Set CPU realtime period to be used for hardcapping (in microsec?

        onds).

    --cpu-rt-runtime num

        Set CPU realtime hardcap limit (in usecs). Allowed cpu time in a

        given period.

    --cpu-share num

        Set CPU shares (relative weight vs. other containers).

    --cpuset-cpus list

        Set CPU(s) to use. The list can contain commas and ranges. For

        example: 0-3,7.

    --cpuset-mems list

Set memory node(s) to use. The list format is the same as for

--cpuset-cpus.

--memory num

Set memory limit to num bytes.

--memory-reservation num

Set memory reservation, or soft limit, to num bytes.

--memory-swap num

Set total memory + swap usage to num bytes. Use -1 to unset the

limit (i.e. use unlimited swap).

--pids-limit num

Set the maximum number of processes allowed in the container.

--l3-cache-schema value

Set the value for Intel RDT/CAT L3 cache schema.

--mem-bw-schema value

Set the Intel RDT/MBA memory bandwidth schema.

SEE ALSO

runc(8).

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