

Docker Compose Construct / Attribute	IOx Support	Comments
aliases	Yes	
ARG	No	Build options are not supported on IOx.
build	No	Build options are not supported on IOx.
cache_from	No	Build options are not supported on IOx.
cap_add - ALL cap_drop: - NET_ADMIN - SYS_ADMIN	Yes	
cgroup_parent	No	Cannot change cgroup hierarchy on IOx platforms.
command	Yes	
configs: my_config: file: ./my_config.txt	No See comments for alternative method	Only approved directories or files on the platform can be made available to the app.
container_name	No	Container name is used internally by IOx.
context	No	Build options are not supported on IOx.
credential_spec	No	Applicable only for windows.
depends_on - db - redis	Yes	
deploy	No	Specific to swarm.
devices: - "/dev/ttyUSB0:/dev/ttyUSB0"	Yes	

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<pre>dns: 8.8.8.8 dns: - 8.8.8.8 - 9.9.9.9</pre>	Yes	
<pre>dns_search: example.com dns_search: - dc1.example.com - dc2.example.com</pre>	Yes	
dockerfile	No	Build options are not supported on IOx.
<pre>entrypoint: /code/entrypoint.sh entrypoint: - php - -d - zend_extension=/usr/local/lib/php/extensions/xdebug.so - -d - memory_limit=-1 - vendor/bin/phpunit</pre>	Yes	
env_file: .env	No	Environment variable from the file on the host cannot be supported as there is not a way to load file on the host file system.
<pre>environment: RACK_ENV: development SHOW: 'true' SESSION_SECRET:</pre>	Yes	
<pre>expose: - "3000" - "8000"</pre>	Yes	
external_links	No	Legacy option.
<pre>extra_hosts: - "somehost:162.242.195.82" - "otherhost:50.31.209.229"</pre>	Yes	
<pre>healthcheck: test: ["CMD", "curl", "-f", "http://localhost"] interval: 1m30s timeout: 10s retries: 3 start_period: 40s</pre>	Yes	
<pre>image: redis image: ubuntu:14.04 image: tutum/influxdb image: a4bc65fd</pre>	Yes	

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<pre> ipv4_address: 172.16.238.10 ipv6_address: 2001:3984:3989::10 </pre>	Yes	
isolation	No	
labels	No	Build options are not supported on IOx.
labels		Specific to swarm.
Labels	No	
links	No	Legacy Deprecated.
mode	No	Related to cluster configuration.
networks	Yes	
placement	No	Related to cluster configuration.
replicas	No	Related to cluster configuration.
<pre> resources: limits: cpus: '0.50' memory: 50M </pre>	<p>No</p> <p>See comments</p>	<p>Under the deploy section of compose which is not supported.</p> <p>Note: Resources can be specified directly using <code>:cpu_shares, cpu_quota, cpuset, mem_limit</code> in compose version prior to version 3.</p>
<pre> restart_policy: condition: on-failure delay: 5s max_attempts: 3 window: 120s </pre>	Yes	
rollback_config	No	Specific to Swarm.
<pre> secrets: my_secret: file: ./my_secret.txt </pre>		Only approved directories or files on the platform can be made available to the app.

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shm_size	No	Build options are not supported on IOx.
stop_grace_period	No	
sysctl	No	Blocked list.
<p>Tags which directly map to runtime options:</p> <p>init</p> <p>logging</p> <p>network_mode</p> <p>pid</p> <p>ports</p> <p>restart</p> <p>security-opt</p> <p>stop_signal</p> <p>tmpfs</p> <p>ulimits</p> <p>volumes</p> <p>domainname, hostname, ipc, mac_address, privileged, read_only, shm_size, stdin_open, tty, user, working_dir</p>	Yes	
target	No	Build options are not supported on IOx.
update_config	No	Specific to Swarm.
usersns_mode	No	Blocked list.
volumes	Yes	
extend	No	No support for including multiple docker files.

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platform	No	It is a build instruction for which image to pull.