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## Applicable to All Releases

### Registry

The Juniper Contrail Container Registry is hosted at [hub.juniper.net/contrail](https://hub.juniper.net/contrail).

### Access to Registry

Please reach out to [contrail-registry@juniper.net](mailto:contrail-registry@juniper.net) to get access credentials for the Contrail Container Registry.

### HTTP Proxies to the Juniper Contrail Container Registry

HTTP proxies for Docker must be properly set to pull containers from the Juniper Contrail Container Registry in most production environments. These HTTP proxy settings vary by network setup and deployer module. HTTP proxy settings must apply to all Contrail cluster nodes.

HTTP proxy settings are configured outside the scope of Contrail Networking. For information on HTTP proxy settings, see [HTTP/HTTPs proxy](#) in the [Control Docker with systemd](#) document from Docker or the [Working with HTTP Proxies](#) document from Red Hat Openshift.

### Docker Hub Rate Limit Changes

On November 20<sup>th</sup>, 2020, Docker Hub changed it's rate limit policies for Anonymous and Free Docker Hub users. This change could impact your Contrail Networking environment.

The following text is taken directly from Docker Hub's [announcement](#):

*On November 20, 2020, rate limits anonymous and free authenticated use of Docker Hub went into effect. Anonymous and Free Docker Hub users are limited to 100 and 200 container image pull requests per six hours.*

*If you are affected by these changes you will receive this error message:*

*ERROR: toomanyrequests: Too Many Requests.*

*OR*

*You have reached your pull rate limit. You may increase the limit by authenticating and upgrading: <https://www.docker.com/increase-rate-limits>.*

*To increase your pull rate limits you can upgrade your account to a [Docker Pro or Team subscription](#).*

*The rate limits of 100 container image requests per six hours for anonymous usage, and 200 container image requests per six hours for free Docker accounts are now in effect. Image requests exceeding these limits will be denied until the six hour window elapses.*

For additional information on these rate limit updates, see [Understanding Docker Hub Rate Limiting](#).

## Contrail-Container-Registry-README-21.4

### Deployment Options and Release Tags

Container tags are needed to identify the files to download from the Contrail Container Registry during a Contrail Networking installation or upgrade. See the [Contrail Networking Installation and Upgrade Guide](#).

<b>R21.4 Container Tags</b>	
All Deployments	21.4.0.133

## Contrail-Container-Registry-README-21.3.1

### Deployment Options and Release Tags

Container tags are needed to identify the files to download from the Contrail Container Registry during a Contrail Networking installation or upgrade. See the [Contrail Networking Installation and Upgrade Guide](#).

<b>R21.3.1 Container Tags</b>	
All Deployments	21.3.1.98

## Contrail-Container-Registry-README-21.3

### Deployment Options and Release Tags

Container tags are needed to identify the files to download from the Contrail Container Registry during a Contrail Networking installation or upgrade. See the [Contrail Networking Installation and Upgrade Guide](#).

<b>R21.3 Container Tags</b>	
All Deployments	21.3.0.93