

# kubelet

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`--address string` Default: 0.0.0.0

The IP address for the Kubelet to serve on (set to '0.0.0.0' or ':' for listening on all interfaces and IP address families) (DEPRECATED: This parameter should be set via the config file specified by the Kubelet's `--config` flag. See <https://kubernetes.io/docs/tasks/administer-cluster/kubelet-config-file/> for more information.)

`--allowed-unsafe-sysctls strings`

Comma-separated whitelist of unsafe sysctls or unsafe sysctl patterns (ending in \*). Use these at your own risk. (DEPRECATED: This parameter should be set via the config file specified by the Kubelet's `--config` flag. See <https://kubernetes.io/docs/tasks/administer-cluster/kubelet-config-file/> for more information.)

`--anonymous-auth` Default: true

Enables anonymous requests to the Kubelet server. Requests that are not rejected by another authentication method are treated as anonymous requests. Anonymous requests have a username of `system:anonymous`, and a group name of `system:unauthenticated`. (DEPRECATED: This parameter should be set via the config file specified by the Kubelet's `--config` flag. See <https://kubernetes.io/docs/tasks/administer-cluster/kubelet-config-file/> for more information.)

`--authentication-token-webhook`

Use the `TokenReview` API to determine authentication for bearer tokens. (DEPRECATED: This parameter should be set via the config file specified by the Kubelet's `--config` flag. See <https://kubernetes.io/docs/tasks/administer-cluster/kubelet-config-file/> for more information.)

`--authentication-token-webhook-cache-ttl duration` Default: 2m0s

The duration to cache responses from the webhook token authenticator. (DEPRECATED: This parameter should be set via the config file specified by the Kubelet's `--config` flag. See <https://kubernetes.io/docs/tasks/administer-cluster/kubelet-config-file/> for more information.)

`--authorization-mode string` Default: "AlwaysAllow"

Authorization mode for Kubelet server. Valid options are `AlwaysAllow` or `Webhook`. `Webhook` mode uses the `SubjectAccessReview` API to determine authorization. (DEPRECATED: This parameter should be set via the config file specified by the Kubelet's `--config` flag. See <https://kubernetes.io/docs/tasks/administer-cluster/kubelet-config-file/> for more information.)

`--authorization-webhook-cache-authorized-ttl duration` Default: 5m0s

The duration to cache 'authorized' responses from the webhook authorizer. (DEPRECATED: This parameter should be set via the config file specified by the Kubelet's `--config` flag. See <https://kubernetes.io/docs/tasks/administer-cluster/kubelet-config-file/> for more information.)

`--authorization-webhook-cache-unauthorized-ttl duration` Default: 30s

The duration to cache 'unauthorized' responses from the webhook authorizer. (DEPRECATED: This parameter should be set via the config file specified by the Kubelet's `--config` flag. See <https://kubernetes.io/docs/tasks/administer-cluster/kubelet-config-file/> for more information.)

`--bootstrap-kubeconfig string`

Path to a kubeconfig file that will be used to get client certificate for kubelet. If the file specified by `--kubeconfig` does not exist, the bootstrap kubeconfig is used to request a client certificate from the API server. On success, a kubeconfig file referencing the generated client certificate and key is written to the path specified by `--kubeconfig`. The client certificate and key file will be stored in the directory pointed by `--cert-dir`.

`--cert-dir string` Default: `"/var/lib/kubelet/pki"`

The directory where the TLS certs are located. If `--tls-cert-file` and `--tls-private-key-file` are provided, this flag will be ignored.

`--cgroup-driver string` Default: `"cgroupfs"`

Driver that the kubelet uses to manipulate cgroups on the host. Possible values: `'cgroupfs'`, `'systemd'` (DEPRECATED: This parameter should be set via the config file specified by the Kubelet's `--config` flag. See <https://kubernetes.io/docs/tasks/administer-cluster/kubelet-config-file/> for more information.)

`--cgroup-root string`

Optional root cgroup to use for pods. This is handled by the container runtime on a best effort basis. Default: `"`, which means use the container runtime default. (DEPRECATED: This parameter should be set via the config file specified by the Kubelet's `--config` flag. See <https://kubernetes.io/docs/tasks/administer-cluster/kubelet-config-file/> for more information.)

`--cgroups-per-qos` Default: `true`

Enable creation of QoS cgroup hierarchy, if true top level QoS and pod cgroups are created. (DEPRECATED: This parameter should be set via the config file specified by the Kubelet's `--config` flag. See <https://kubernetes.io/docs/tasks/administer-cluster/kubelet-config-file/> for more information.)

`--client-ca-file string`

If set, any request presenting a client certificate signed by one of the authorities in the `client-ca-file` is authenticated with an identity corresponding to the `CommonName` of the client certificate. (DEPRECATED: This parameter should be set via the config file specified by the Kubelet's `--config` flag. See <https://kubernetes.io/docs/tasks/administer-cluster/kubelet-config-file/> for more information.)

`--cloud-provider` string

The provider for cloud services. Set to empty string for running with no cloud provider. Set to 'external' for running with an external cloud provider.

`--cluster-dns` strings

Comma-separated list of DNS server IP address. This value is used for containers DNS server in case of Pods with "dnsPolicy=ClusterFirst". Note: all DNS servers appearing in the list MUST serve the same set of records otherwise name resolution within the cluster may not work correctly. There is no guarantee as to which DNS server may be contacted for name resolution. (DEPRECATED: This parameter should be set via the config file specified by the Kubelet's `--config` flag. See <https://kubernetes.io/docs/tasks/administer-cluster/kubelet-config-file/> for more information.)

`--cluster-domain` string

Domain for this cluster. If set, kubelet will configure all containers to search this domain in addition to the host's search domains (DEPRECATED: This parameter should be set via the config file specified by the Kubelet's `--config` flag. See <https://kubernetes.io/docs/tasks/administer-cluster/kubelet-config-file/> for more information.)

`--config` string

The Kubelet will load its initial configuration from this file. The path may be absolute or relative; relative paths start at the Kubelet's current working directory. Omit this flag to use the built-in default configuration values. Command-line flags override configuration from this file.

`--config-dir` string

Path to a directory to specify drop-ins, allows the user to optionally specify additional configs to overwrite what is provided by default and in the KubeletConfigFile flag. [default=""]

`--container-log-max-files` int32 Default: 5

<Warning: Beta feature> Set the maximum number of container log files that can be present for a container. The number must be  $\geq 2$ . (DEPRECATED: This parameter should be set via the config file specified by the Kubelet's `--config` flag. See <https://kubernetes.io/docs/tasks/administer-cluster/kubelet-config-file/> for more information.)

`--container-log-max-size` string Default: "10Mi"

<Warning: Beta feature> Set the maximum size (e.g. 10Mi) of container log file before it is rotated. (DEPRECATED: This parameter should be set via the config file specified by the Kubelet's `--config` flag. See <https://kubernetes.io/docs/tasks/administer-cluster/kubelet-config-file/> for more information.)

`--container-runtime-endpoint` string Default: "unix:///run/containerd/containerd.sock"

The endpoint of container runtime service. Unix Domain Sockets are supported on Linux, while `npipe` and `tcp` endpoints are supported on Windows. Examples: 'unix:///path/to/runtime.sock', 'npipe://./pipe/runtime'

(DEPRECATED: This parameter should be set via the config file specified by the Kubelet's `--config` flag. See <https://kubernetes.io/docs/tasks/administer-cluster/kubelet-config-file/> for more information.)

`--contention-profiling`

Enable block profiling, if profiling is enabled (DEPRECATED: This parameter should be set via the config file specified by the Kubelet's `--config` flag. See <https://kubernetes.io/docs/tasks/administer-cluster/kubelet-config-file/> for more information.)

`--cpu-cfs-quota` Default: true

Enable CPU CFS quota enforcement for containers that specify CPU limits (DEPRECATED: This parameter should be set via the config file specified by the Kubelet's `--config` flag. See <https://kubernetes.io/docs/tasks/administer-cluster/kubelet-config-file/> for more information.)

`--cpu-cfs-quota-period duration` Default: 100ms

Sets CPU CFS quota period value, `cpu.cfs_period_us`, defaults to Linux Kernel default (DEPRECATED: This parameter should be set via the config file specified by the Kubelet's `--config` flag. See <https://kubernetes.io/docs/tasks/administer-cluster/kubelet-config-file/> for more information.)

`--cpu-manager-policy string` Default: "none"

CPU Manager policy to use. Possible values: 'none', 'static'. (DEPRECATED: This parameter should be set via the config file specified by the Kubelet's `--config` flag. See <https://kubernetes.io/docs/tasks/administer-cluster/kubelet-config-file/> for more information.)

`--cpu-manager-policy-options <comma-separated 'key=value' pairs>`

A set of `key=value` CPU Manager policy options to use, to fine tune their behaviour. If not supplied, keep the default behaviour. (DEPRECATED: This parameter should be set via the config file specified by the Kubelet's `--config` flag. See <https://kubernetes.io/docs/tasks/administer-cluster/kubelet-config-file/> for more information.)

`--cpu-manager-reconcile-period duration` Default: 10s

<Warning: Alpha feature> CPU Manager reconciliation period. Examples: '10s', or '1m'. If not supplied, defaults to 'NodeStatusUpdateFrequency' (DEPRECATED: This parameter should be set via the config file specified by the Kubelet's `--config` flag. See <https://kubernetes.io/docs/tasks/administer-cluster/kubelet-config-file/> for more information.)

`--enable-controller-attach-detach` Default: true

Enables the Attach/Detach controller to manage attachment/detachment of volumes scheduled to this node, and disables kubelet from executing any attach/detach operations (DEPRECATED: This parameter should be set via the config file specified by the Kubelet's `--config` flag. See <https://kubernetes.io/docs/tasks/administer-cluster/kubelet-config-file/> for more information.)

`--enable-debugging-handlers` Default: true

Enables server endpoints for log collection and local running of containers and commands (DEPRECATED: This parameter should be set via the config file specified by the Kubelet's `--config` flag. See <https://kubernetes.io/docs/tasks/administer-cluster/kubelet-config-file/> for more information.)

`--enable-server` Default: true

Enable the Kubelet's server (DEPRECATED: This parameter should be set via the config file specified by the Kubelet's `--config` flag. See <https://kubernetes.io/docs/tasks/administer-cluster/kubelet-config-file/> for more information.)

`--enforce-node-allocatable strings` Default: "pods"

A comma separated list of levels of node allocatable enforcement to be enforced by kubelet. Acceptable options are 'none', 'pods', 'system-reserved', 'system-reserved-compressible', 'kube-reserved' and 'kube-reserved-compressible'. If any of the latter four options are specified, `--system-reserved-cgroup` and `--kube-reserved-cgroup` must also be set, respectively. If 'none' is specified, no additional options should be set. See <https://kubernetes.io/docs/tasks/administer-cluster/reserve-compute-resources/> for more details. (DEPRECATED: This parameter should be set via the config file specified by the Kubelet's `--config` flag. See <https://kubernetes.io/docs/tasks/administer-cluster/kubelet-config-file/> for more information.)

`--event-burst int32` Default: 100

Maximum size of a bursty event records, temporarily allows event records to burst to this number, while still not exceeding event-qps. The number must be  $\geq 0$ . If 0 will use `DefaultBurst`: 10. (DEPRECATED: This parameter should be set via the config file specified by the Kubelet's `--config` flag. See <https://kubernetes.io/docs/tasks/administer-cluster/kubelet-config-file/> for more information.)

`--event-qps int32` Default: 50

QPS to limit event creations. The number must be  $\geq 0$ . If 0 will use `DefaultQPS`: 5. (DEPRECATED: This parameter should be set via the config file specified by the Kubelet's `--config` flag. See <https://kubernetes.io/docs/tasks/administer-cluster/kubelet-config-file/> for more information.)

`--eviction-hard <comma-separated 'key=value' pairs>`

A set of eviction thresholds (e.g. `memory.available<1Gi`) that if met would trigger a pod eviction. (DEPRECATED: This parameter should be set via the config file specified by the Kubelet's `--config` flag. See <https://kubernetes.io/docs/tasks/administer-cluster/kubelet-config-file/> for more information.)

`--eviction-max-pod-grace-period int32`

Maximum allowed grace period (in seconds) to use when terminating pods in response to a soft eviction threshold being met. If negative, defer to pod specified value. (DEPRECATED: This parameter should be set via the config file specified by the Kubelet's `--config` flag. See <https://kubernetes.io/docs/tasks/administer-cluster/kubelet-config-file/> for more information.)

`--eviction-minimum-reclaim <comma-separated 'key=value' pairs>`

A set of minimum reclaims (e.g. `imagefs.available=2Gi`) that describes the minimum amount of resource the kubelet will reclaim when performing a pod eviction if that resource is under pressure. (DEPRECATED: This parameter should be set via the config file specified by the Kubelet's `--config` flag. See <https://kubernetes.io/docs/tasks/administer-cluster/kubelet-config-file/> for more information.)

`--eviction-pressure-transition-period` duration    Default: 5m0s

Duration for which the kubelet has to wait before transitioning out of an eviction pressure condition. (DEPRECATED: This parameter should be set via the config file specified by the Kubelet's `--config` flag. See <https://kubernetes.io/docs/tasks/administer-cluster/kubelet-config-file/> for more information.)

`--eviction-soft` <comma-separated 'key=value' pairs>

A set of eviction thresholds (e.g. `memory.available<1.5Gi`) that if met over a corresponding grace period would trigger a pod eviction. (DEPRECATED: This parameter should be set via the config file specified by the Kubelet's `--config` flag. See <https://kubernetes.io/docs/tasks/administer-cluster/kubelet-config-file/> for more information.)

`--eviction-soft-grace-period` <comma-separated 'key=value' pairs>

A set of eviction grace periods (e.g. `memory.available=1m30s`) that correspond to how long a soft eviction threshold must hold before triggering a pod eviction. (DEPRECATED: This parameter should be set via the config file specified by the Kubelet's `--config` flag. See <https://kubernetes.io/docs/tasks/administer-cluster/kubelet-config-file/> for more information.)

`--exit-on-lock-contention`

Whether kubelet should exit upon lock-file contention.

`--experimental-allocatable-ignore-eviction`

When set to 'true', Hard Eviction Thresholds will be ignored while calculating Node Allocatable. See <https://kubernetes.io/docs/tasks/administer-cluster/reserve-compute-resources/> for more details. [default=false] (DEPRECATED: will be removed in 1.25 or later.)

`--experimental-mounter-path` string

[Experimental] Path of mounter binary. Leave empty to use the default mount. (DEPRECATED: will be removed in 1.25 or later. in favor of using CSI.)

`--fail-cgroupv1`    Default: true

Prevent the kubelet from starting on the host using cgroup v1.

`--fail-swap-on`    Default: true

Makes the Kubelet fail to start if swap is enabled on the node. (DEPRECATED: This parameter should be set via the config file specified by the Kubelet's `--config` flag. See <https://kubernetes.io/docs/tasks/administer-cluster/kubelet-config-file/> for more information.)

--feature-gates <comma-separated 'key=True|False' pairs>

A set of key=value pairs that describe feature gates for alpha/experimental features. Options are:

- APIResponseCompression=true|false (BETA - default=true)
- APIServerIdentity=true|false (BETA - default=true)
- APIServingWithRoutine=true|false (ALPHA - default=false)
- AllAlpha=true|false (ALPHA - default=false)
- AllBeta=true|false (BETA - default=false)
- AllowParsingUserUIDFromCertAuth=true|false (BETA - default=true)
- AllowUnsafeMalformedObjectDeletion=true|false (ALPHA - default=false)
- AuthorizePodWebsocketUpgradeCreatePermission=true|false (BETA - default=true)
- CBORServingAndStorage=true|false (ALPHA - default=false)
- CPUManagerPolicyAlphaOptions=true|false (ALPHA - default=false)
- CPUManagerPolicyBetaOptions=true|false (BETA - default=true)
- CRDObserveGenerationTracking=true|false (BETA - default=false)
- CSIServiceAccountTokenSecrets=true|false (BETA - default=true)
- CSIVolumeHealth=true|false (ALPHA - default=false)
- ClearingNominatedNodeNameAfterBinding=true|false (BETA - default=true)
- ClientsAllowCBOR=true|false (ALPHA - default=false)
- ClientsPreferCBOR=true|false (ALPHA - default=false)
- CloudControllerManagerWatchBasedRoutesReconciliation=true|false (ALPHA - default=false)
- CloudControllerManagerWebhook=true|false (ALPHA - default=false)
- ClusterTrustBundle=true|false (BETA - default=false)
- ClusterTrustBundleProjection=true|false (BETA - default=false)
- ComponentFlagz=true|false (ALPHA - default=false)
- ComponentStatusz=true|false (ALPHA - default=false)
- ConcurrentWatchObjectDecode=true|false (BETA - default=false)
- ConstrainedImpersonation=true|false (ALPHA - default=false)
- ContainerCheckpoint=true|false (BETA - default=true)
- ContainerRestartRules=true|false (BETA - default=true)
- ContainerStopSignals=true|false (ALPHA - default=false)
- ContextualLogging=true|false (BETA - default=true)
- CoordinatedLeaderElection=true|false (BETA - default=false)
- CrossNamespaceVolumeDataSource=true|false (ALPHA - default=false)
- CustomCPUCFSQuotaPeriod=true|false (ALPHA - default=false)
- DRAAdminAccess=true|false (BETA - default=true)
- DRAConsumableCapacity=true|false (ALPHA - default=false)
- DRADeviceBindingConditions=true|false (ALPHA - default=false)
- DRADeviceTaintRules=true|false (ALPHA - default=false)
- DRADeviceTaints=true|false (ALPHA - default=false)
- DRAExtendedResource=true|false (ALPHA - default=false)
- DRAPartitionableDevices=true|false (ALPHA - default=false)
- DRAPrioritizedList=true|false (BETA - default=true)

DRAResourceClaimDeviceStatus=true|false (BETA - default=true)  
DRASchedulerFilterTimeout=true|false (BETA - default=true)  
DeclarativeValidation=true|false (BETA - default=true)  
DeclarativeValidationTakeover=true|false (BETA - default=false)  
DeploymentReplicaSetTerminatingReplicas=true|false (BETA - default=true)  
DetectCacheInconsistency=true|false (BETA - default=true)  
DisableCPUQuotaWithExclusiveCPUs=true|false (BETA - default=true)  
EnvFiles=true|false (BETA - default=true)  
EventedPLEG=true|false (ALPHA - default=false)  
ExternalServiceAccountTokenSigner=true|false (BETA - default=true)  
GangScheduling=true|false (ALPHA - default=false)  
GenericWorkload=true|false (ALPHA - default=false)  
GracefulNodeShutdown=true|false (BETA - default=true)  
GracefulNodeShutdownBasedOnPodPriority=true|false (BETA - default=true)  
HPAConfigurableTolerance=true|false (BETA - default=true)  
HPAScaleToZero=true|false (ALPHA - default=false)  
HostnameOverride=true|false (BETA - default=true)  
ImageVolume=true|false (BETA - default=true)  
InOrderInformers=true|false (BETA - default=true)  
InOrderInformersBatchProcess=true|false (BETA - default=true)  
InPlacePodLevelResourcesVerticalScaling=true|false (ALPHA - default=false)  
InPlacePodVerticalScalingExclusiveCPUs=true|false (ALPHA - default=false)  
InPlacePodVerticalScalingExclusiveMemory=true|false (ALPHA - default=false)  
InTreePluginPortworxUnregister=true|false (ALPHA - default=false)  
KubeletCrashLoopBackOffMax=true|false (BETA - default=true)  
KubeletEnsureSecretPulledImages=true|false (BETA - default=true)  
KubeletFineGrainedAuthz=true|false (BETA - default=true)  
KubeletInUserNamespace=true|false (ALPHA - default=false)  
KubeletPSI=true|false (BETA - default=true)  
KubeletPodResourcesDynamicResources=true|false (BETA - default=true)  
KubeletPodResourcesGet=true|false (BETA - default=true)  
KubeletSeparateDiskGC=true|false (BETA - default=true)  
KubeletServiceAccountTokenForCredentialProviders=true|false (BETA - default=true)  
ListFromCacheSnapshot=true|false (BETA - default=true)  
LocalStorageCapacityIsolationFSQuotaMonitoring=true|false (BETA - default=false)  
LoggingAlphaOptions=true|false (ALPHA - default=false)  
LoggingBetaOptions=true|false (BETA - default=true)  
MatchLabelKeysInPodTopologySpread=true|false (BETA - default=true)  
MatchLabelKeysInPodTopologySpreadSelectorMerge=true|false (BETA - default=true)  
MaxUnavailableStatefulSet=true|false (BETA - default=true)  
MemoryQoS=true|false (ALPHA - default=false)  
MutableCSINodeAllocatableCount=true|false (BETA - default=true)

MutablePVNodeAffinity=true|false (ALPHA - default=false)  
MutablePodResourcesForSuspendedJobs=true|false (ALPHA - default=false)  
MutableSchedulingDirectivesForSuspendedJobs=true|false (ALPHA - default=false)  
MutatingAdmissionPolicy=true|false (BETA - default=false)  
NodeDeclaredFeatures=true|false (ALPHA - default=false)  
NodeLogQuery=true|false (BETA - default=false)  
NominatedNodeNameForExpectation=true|false (BETA - default=true)  
OpenAPIEnums=true|false (BETA - default=true)  
OpportunisticBatching=true|false (BETA - default=true)  
PodAndContainerStatsFromCRI=true|false (ALPHA - default=false)  
PodCertificateRequest=true|false (BETA - default=false)  
PodDeletionCost=true|false (BETA - default=true)  
PodLevelResources=true|false (BETA - default=true)  
PodLogsQuerySplitStreams=true|false (ALPHA - default=false)  
PodReadyToStartContainersCondition=true|false (BETA - default=true)  
PodTopologyLabelsAdmission=true|false (BETA - default=true)  
PortForwardWebsockets=true|false (BETA - default=true)  
PreventStaticPodAPIReferences=true|false (BETA - default=true)  
ProcMountType=true|false (BETA - default=true)  
QOSReserved=true|false (ALPHA - default=false)  
ReduceDefaultCrashLoopBackOffDecay=true|false (ALPHA - default=false)  
RelaxedServiceNameValidation=true|false (ALPHA - default=false)  
ReloadKubeletServerCertificateFile=true|false (BETA - default=true)  
RemoteRequestHeaderUID=true|false (BETA - default=true)  
ResourceHealthStatus=true|false (ALPHA - default=false)  
RestartAllContainersOnContainerExits=true|false (ALPHA - default=false)  
RotateKubeletServerCertificate=true|false (BETA - default=true)  
RuntimeClassInImageCriApi=true|false (ALPHA - default=false)  
SELinuxChangePolicy=true|false (BETA - default=true)  
SELinuxMount=true|false (BETA - default=false)  
SELinuxMountReadWriteOncePod=true|false (BETA - default=true)  
SchedulerAsyncAPICalls=true|false (BETA - default=true)  
SchedulerAsyncPreemption=true|false (BETA - default=true)  
SchedulerPopFromBackoffQ=true|false (BETA - default=true)  
ServiceAccountNodeAudienceRestriction=true|false (BETA - default=true)  
SizeBasedListCostEstimate=true|false (BETA - default=true)  
StatefulSetSemanticRevisionComparison=true|false (BETA - default=true)  
StorageCapacityScoring=true|false (ALPHA - default=false)  
StorageVersionAPI=true|false (ALPHA - default=false)  
StorageVersionHash=true|false (BETA - default=true)  
StorageVersionMigrator=true|false (BETA - default=false)  
StrictIPCIDRValidation=true|false (ALPHA - default=false)

StructuredAuthenticationConfigurationEgressSelector=true|false (BETA - default=true)  
StructuredAuthenticationConfigurationJWKSMetrics=true|false (BETA - default=true)  
TaintTolerationComparisonOperators=true|false (ALPHA - default=false)  
TokenRequestServiceAccountUIDValidation=true|false (BETA - default=true)  
TopologyManagerPolicyAlphaOptions=true|false (ALPHA - default=false)  
TopologyManagerPolicyBetaOptions=true|false (BETA - default=true)  
TranslateStreamCloseWebsocketRequests=true|false (BETA - default=true)  
UnauthenticatedHTTP2DOSMitigation=true|false (BETA - default=true)  
UnknownVersionInteroperabilityProxy=true|false (ALPHA - default=false)  
UserNamespacesHostNetworkSupport=true|false (ALPHA - default=false)  
UserNamespacesSupport=true|false (BETA - default=true)  
VolumeLimitScaling=true|false (ALPHA - default=false)  
WatchCacheInitializationPostStartHook=true|false (BETA - default=false)  
WatchList=true|false (BETA - default=true)  
WatchListClient=true|false (BETA - default=true)  
WindowsCPUAndMemoryAffinity=true|false (ALPHA - default=false)  
WindowsGracefulNodeShutdown=true|false (BETA - default=true) (DEPRECATED: This parameter should be set via the config file specified by the Kubelet's --config flag. See <https://kubernetes.io/docs/tasks/administer-cluster/kubelet-config-file/> for more information.)

--file-check-frequency duration   Default: 20s

Duration between checking config files for new data (DEPRECATED: This parameter should be set via the config file specified by the Kubelet's --config flag. See <https://kubernetes.io/docs/tasks/administer-cluster/kubelet-config-file/> for more information.)

--hairpin-mode string   Default: "promiscuous-bridge"

How should the kubelet setup hairpin NAT. This allows endpoints of a Service to loadbalance back to themselves if they should try to access their own Service. Valid values are "promiscuous-bridge", "hairpin-veth" and "none". (DEPRECATED: This parameter should be set via the config file specified by the Kubelet's --config flag. See <https://kubernetes.io/docs/tasks/administer-cluster/kubelet-config-file/> for more information.)

--healthz-bind-address string   Default: 127.0.0.1

The IP address for the healthz server to serve on (set to '0.0.0.0' or '::' for listening on all interfaces and IP address families) (DEPRECATED: This parameter should be set via the config file specified by the Kubelet's --config flag. See <https://kubernetes.io/docs/tasks/administer-cluster/kubelet-config-file/> for more information.)

--healthz-port int32   Default: 10248

The port of the localhost healthz endpoint (set to 0 to disable) (DEPRECATED: This parameter should be set via the config file specified by the Kubelet's --config flag. See <https://kubernetes.io/docs/tasks/administer-cluster/kubelet-config-file/> for more information.)

-h, --help

help for kubelet

`--hostname-override` string

If non-empty, will use this string as identification instead of the actual hostname.

`--http-check-frequency` duration    Default: 20s

Duration between checking http for new data (DEPRECATED: This parameter should be set via the config file specified by the Kubelet's `--config` flag. See <https://kubernetes.io/docs/tasks/administer-cluster/kubelet-config-file/> for more information.)

`--image-credential-provider-bin-dir` string

The path to the directory where credential provider plugin binaries are located.

`--image-credential-provider-config` string

Path to a credential provider plugin config file (JSON/YAML/YML) or a directory of such files (merged in lexicographical order; non-recursive search).

`--image-gc-high-threshold` int32    Default: 85

The percent of disk usage after which image garbage collection is always run. Values must be within the range [0, 100], To disable image garbage collection, set to 100. (DEPRECATED: This parameter should be set via the config file specified by the Kubelet's `--config` flag. See <https://kubernetes.io/docs/tasks/administer-cluster/kubelet-config-file/> for more information.)

`--image-gc-low-threshold` int32    Default: 80

The percent of disk usage before which image garbage collection is never run. Lowest disk usage to garbage collect to. Values must be within the range [0, 100] and must be less than that of `--image-gc-high-threshold`. (DEPRECATED: This parameter should be set via the config file specified by the Kubelet's `--config` flag. See <https://kubernetes.io/docs/tasks/administer-cluster/kubelet-config-file/> for more information.)

`--image-service-endpoint` string

The endpoint of container image service. If not specified, it will be the same with `--container-runtime-endpoint` by default. Unix Domain Socket are supported on Linux, while `npipe` and `tcp` endpoints are supported on Windows. Examples: `'unix:///path/to/runtime.sock'`, `'npipe://./pipe/runtime'` (DEPRECATED: This parameter should be set via the config file specified by the Kubelet's `--config` flag. See <https://kubernetes.io/docs/tasks/administer-cluster/kubelet-config-file/> for more information.)

`--kernel-memcg-notification`

If enabled, the kubelet will integrate with the kernel memcg notification to determine if memory eviction thresholds are crossed rather than polling. (DEPRECATED: This parameter should be set via the config file

specified by the Kubelet's `--config` flag. See <https://kubernetes.io/docs/tasks/administer-cluster/kubelet-config-file/> for more information.)

`--kube-api-burst` int32 Default: 100

Burst to use while talking with kubernetes apiserver. The number must be  $\geq 0$ . If 0 will use `DefaultBurst`: 100. Doesn't cover events and node heartbeat apis which rate limiting is controlled by a different set of flags (DEPRECATED: This parameter should be set via the config file specified by the Kubelet's `--config` flag. See <https://kubernetes.io/docs/tasks/administer-cluster/kubelet-config-file/> for more information.)

`--kube-api-content-type` string Default: "application/vnd.kubernetes.protobuf"

Content type of requests sent to apiserver. (DEPRECATED: This parameter should be set via the config file specified by the Kubelet's `--config` flag. See <https://kubernetes.io/docs/tasks/administer-cluster/kubelet-config-file/> for more information.)

`--kube-api-qps` int32 Default: 50

QPS to use while talking with kubernetes apiserver. The number must be  $\geq 0$ . If 0 will use `DefaultQPS`: 50. Doesn't cover events and node heartbeat apis which rate limiting is controlled by a different set of flags (DEPRECATED: This parameter should be set via the config file specified by the Kubelet's `--config` flag. See <https://kubernetes.io/docs/tasks/administer-cluster/kubelet-config-file/> for more information.)

`--kube-reserved` <comma-separated 'key=value' pairs>

A set of `ResourceName=ResourceQuantity` (e.g. `cpu=200m,memory=500Mi,ephemeral-storage=1Gi,pid=1000`) pairs that describe resources reserved for kubernetes system components. Currently only `cpu`, `memory`, `pid` and local ephemeral storage for root file system are supported. See <https://kubernetes.io/docs/concepts/configuration/manage-resources-containers/> for more detail. [default=none] (DEPRECATED: This parameter should be set via the config file specified by the Kubelet's `--config` flag. See <https://kubernetes.io/docs/tasks/administer-cluster/kubelet-config-file/> for more information.)

`--kube-reserved-cgroup` string

Absolute name of the top level cgroup that is used to manage kubernetes components for which compute resources were reserved via '`--kube-reserved`' flag. Ex. `/kube-reserved`. [default=""] (DEPRECATED: This parameter should be set via the config file specified by the Kubelet's `--config` flag. See <https://kubernetes.io/docs/tasks/administer-cluster/kubelet-config-file/> for more information.)

`--kubeconfig` string

Path to a kubeconfig file, specifying how to connect to the API server. Providing `--kubeconfig` enables API server mode, omitting `--kubeconfig` enables standalone mode.

`--kubelet-cgroups` string

Optional absolute name of cgroups to create and run the Kubelet in. (DEPRECATED: This parameter should be set via the config file specified by the Kubelet's --config flag. See <https://kubernetes.io/docs/tasks/administer-cluster/kubelet-config-file/> for more information.)

--local-storage-capacity-isolation Default: true

If true, local ephemeral storage isolation is enabled. Otherwise, local storage isolation feature will be disabled (DEPRECATED: This parameter should be set via the config file specified by the Kubelet's --config flag. See <https://kubernetes.io/docs/tasks/administer-cluster/kubelet-config-file/> for more information.)

--lock-file string

<Warning: Alpha feature> The path to file for kubelet to use as a lock file.

--log-flush-frequency duration Default: 5s

Maximum number of seconds between log flushes

--log-text-info-buffer-size quantity

[Alpha] In text format with split output streams, the info messages can be buffered for a while to increase performance. The default value of zero bytes disables buffering. The size can be specified as number of bytes (512), multiples of 1000 (1K), multiples of 1024 (2Ki), or powers of those (3M, 4G, 5Mi, 6Gi). Enable the LoggingAlphaOptions feature gate to use this. (DEPRECATED: This parameter should be set via the config file specified by the Kubelet's --config flag. See <https://kubernetes.io/docs/tasks/administer-cluster/kubelet-config-file/> for more information.)

--log-text-split-stream

[Alpha] In text format, write error messages to stderr and info messages to stdout. The default is to write a single stream to stdout. Enable the LoggingAlphaOptions feature gate to use this. (DEPRECATED: This parameter should be set via the config file specified by the Kubelet's --config flag. See <https://kubernetes.io/docs/tasks/administer-cluster/kubelet-config-file/> for more information.)

--logging-format string Default: "text"

Sets the log format. Permitted formats: "text". (DEPRECATED: This parameter should be set via the config file specified by the Kubelet's --config flag. See <https://kubernetes.io/docs/tasks/administer-cluster/kubelet-config-file/> for more information.)

--make-iptables-util-chains Default: true

If true, kubelet will ensure iptables utility rules are present on host. (DEPRECATED: This parameter should be set via the config file specified by the Kubelet's --config flag. See <https://kubernetes.io/docs/tasks/administer-cluster/kubelet-config-file/> for more information.)

--manifest-url string

URL for accessing additional Pod specifications to run (DEPRECATED: This parameter should be set via the config file specified by the Kubelet's `--config` flag. See <https://kubernetes.io/docs/tasks/administer-cluster/kubelet-config-file/> for more information.)

`--manifest-url-header` colonSeparatedMultimapStringString

Comma-separated list of HTTP headers to use when accessing the url provided to `--manifest-url`. Multiple headers with the same name will be added in the same order provided. This flag can be repeatedly invoked. For example: `--manifest-url-header 'a:hello,b:again,c:world' --manifest-url-header 'b:beautiful'` (DEPRECATED: This parameter should be set via the config file specified by the Kubelet's `--config` flag. See <https://kubernetes.io/docs/tasks/administer-cluster/kubelet-config-file/> for more information.)

`--max-open-files` int Default: 1000000

Number of files that can be opened by Kubelet process. (DEPRECATED: This parameter should be set via the config file specified by the Kubelet's `--config` flag. See <https://kubernetes.io/docs/tasks/administer-cluster/kubelet-config-file/> for more information.)

`--max-pods` int32 Default: 110

Number of Pods that can run on this Kubelet. (DEPRECATED: This parameter should be set via the config file specified by the Kubelet's `--config` flag. See <https://kubernetes.io/docs/tasks/administer-cluster/kubelet-config-file/> for more information.)

`--maximum-dead-containers` int32 Default: -1

Maximum number of old instances of containers to retain globally. Each container takes up some disk space. To disable, set to a negative number. (DEPRECATED: Use `--eviction-hard` or `--eviction-soft` instead. Will be removed in a future version.)

`--maximum-dead-containers-per-container` int32 Default: 1

Maximum number of old instances to retain per container. Each container takes up some disk space. (DEPRECATED: Use `--eviction-hard` or `--eviction-soft` instead. Will be removed in a future version.)

`--memory-manager-policy` string Default: "None"

Memory Manager policy to use. Possible values: 'None', 'Static'. (DEPRECATED: This parameter should be set via the config file specified by the Kubelet's `--config` flag. See <https://kubernetes.io/docs/tasks/administer-cluster/kubelet-config-file/> for more information.)

`--minimum-container-ttl-duration` duration

Minimum age for a finished container before it is garbage collected. Examples: '300ms', '10s' or '2h45m' (DEPRECATED: Use `--eviction-hard` or `--eviction-soft` instead. Will be removed in a future version.)

`--minimum-image-ttl-duration` duration Default: 2m0s

Minimum age for an unused image before it is garbage collected. Examples: '300ms', '10s' or '2h45m'.  
(DEPRECATED: This parameter should be set via the config file specified by the Kubelet's --config flag. See <https://kubernetes.io/docs/tasks/administer-cluster/kubelet-config-file/> for more information.)

--node-ip string

IP address (or comma-separated dual-stack IP addresses) of the node. If unset, kubelet will use the node's default IPv4 address, if any, or its default IPv6 address if it has no IPv4 addresses. You can pass ':' to make it prefer the default IPv6 address rather than the default IPv4 address. If cloud-provider is set to external, this flag will help to bootstrap the node with the corresponding IP.

--node-labels <comma-separated 'key=value' pairs>

Labels to add when registering the node in the cluster. Labels must be key=value pairs separated by ','. Labels in the 'kubernetes.io' namespace must begin with an allowed prefix (kubelet.kubernetes.io, node.kubernetes.io) or be in the specifically allowed set (beta.kubernetes.io/arch, beta.kubernetes.io/instance-type, beta.kubernetes.io/os, failure-domain.beta.kubernetes.io/region, failure-domain.beta.kubernetes.io/zone, kubernetes.io/arch, kubernetes.io/hostname, kubernetes.io/os, node.kubernetes.io/instance-type, topology.kubernetes.io/region, topology.kubernetes.io/zone)

--node-status-max-images int32 Default: 50

The maximum number of images to report in Node.Status.Images. If -1 is specified, no cap will be applied.  
(DEPRECATED: This parameter should be set via the config file specified by the Kubelet's --config flag. See <https://kubernetes.io/docs/tasks/administer-cluster/kubelet-config-file/> for more information.)

--node-status-update-frequency duration Default: 10s

Specifies how often kubelet posts node status to master. Note: be cautious when changing the constant, it must work with nodeMonitorGracePeriod in nodecontroller. (DEPRECATED: This parameter should be set via the config file specified by the Kubelet's --config flag. See <https://kubernetes.io/docs/tasks/administer-cluster/kubelet-config-file/> for more information.)

--oom-score-adj int32 Default: -999

The oom-score-adj value for kubelet process. Values must be within the range [-1000, 1000] (DEPRECATED: This parameter should be set via the config file specified by the Kubelet's --config flag. See <https://kubernetes.io/docs/tasks/administer-cluster/kubelet-config-file/> for more information.)

--pod-cidr string

The CIDR to use for pod IP addresses, only used in standalone mode. In cluster mode, this is obtained from the master. For IPv6, the maximum number of IP's allocated is 65536 (DEPRECATED: This parameter should be set via the config file specified by the Kubelet's --config flag. See <https://kubernetes.io/docs/tasks/administer-cluster/kubelet-config-file/> for more information.)

--pod-manifest-path string

Path to the directory containing static pod files to run, or the path to a single static pod file. Files starting with dots will be ignored. (DEPRECATED: This parameter should be set via the config file specified by the Kubelet's --config flag. See <https://kubernetes.io/docs/tasks/administer-cluster/kubelet-config-file/> for more information.)

--pod-max-pids int Default: -1

Set the maximum number of processes per pod. If -1, the kubelet defaults to the node allocatable pid capacity. (DEPRECATED: This parameter should be set via the config file specified by the Kubelet's --config flag. See <https://kubernetes.io/docs/tasks/administer-cluster/kubelet-config-file/> for more information.)

--pods-per-core int32

Number of Pods per core that can run on this Kubelet. The total number of Pods on this Kubelet cannot exceed max-pods, so max-pods will be used if this calculation results in a larger number of Pods allowed on the Kubelet. A value of 0 disables this limit. (DEPRECATED: This parameter should be set via the config file specified by the Kubelet's --config flag. See <https://kubernetes.io/docs/tasks/administer-cluster/kubelet-config-file/> for more information.)

--port int32 Default: 10250

The port for the Kubelet to serve on. (DEPRECATED: This parameter should be set via the config file specified by the Kubelet's --config flag. See <https://kubernetes.io/docs/tasks/administer-cluster/kubelet-config-file/> for more information.)

--protect-kernel-defaults

Default kubelet behaviour for kernel tuning. If set, kubelet errors if any of kernel tunables is different than kubelet defaults. (DEPRECATED: This parameter should be set via the config file specified by the Kubelet's --config flag. See <https://kubernetes.io/docs/tasks/administer-cluster/kubelet-config-file/> for more information.)

--provider-id string

Unique identifier for identifying the node in a machine database, i.e cloudprovider

--qos-reserved <comma-separated 'key=value' pairs>

<Warning: Alpha feature> A set of ResourceName=Percentage (e.g. memory=50%) pairs that describe how pod resource requests are reserved at the QoS level. Currently only memory is supported. Requires the QOSReserved feature gate to be enabled. (DEPRECATED: This parameter should be set via the config file specified by the Kubelet's --config flag. See <https://kubernetes.io/docs/tasks/administer-cluster/kubelet-config-file/> for more information.)

--read-only-port int32 Default: 10255

The read-only port for the Kubelet to serve on with no authentication/authorization (set to 0 to disable) (DEPRECATED: This parameter should be set via the config file specified by the Kubelet's --config flag. See <https://kubernetes.io/docs/tasks/administer-cluster/kubelet-config-file/> for more information.)

`--register-node` Default: true

Register the node with the apiserver. If `--kubeconfig` is not provided, this flag is irrelevant, as the Kubelet won't have an apiserver to register with. (DEPRECATED: This parameter should be set via the config file specified by the Kubelet's `--config` flag. See <https://kubernetes.io/docs/tasks/administer-cluster/kubelet-config-file/> for more information.)

`--register-with-taints` []v1.Taint

Register the node with the given list of taints (comma separated "`<key>=<value>:<effect>`"). No-op if register-node is false. (DEPRECATED: This parameter should be set via the config file specified by the Kubelet's `--config` flag. See <https://kubernetes.io/docs/tasks/administer-cluster/kubelet-config-file/> for more information.)

`--registry-burst` int32 Default: 10

Maximum size of a bursty pulls, temporarily allows pulls to burst to this number, while still not exceeding `registry-qps`. Only used if `--registry-qps > 0` (DEPRECATED: This parameter should be set via the config file specified by the Kubelet's `--config` flag. See <https://kubernetes.io/docs/tasks/administer-cluster/kubelet-config-file/> for more information.)

`--registry-qps` int32 Default: 5

If `> 0`, limit registry pull QPS to this value. If 0, unlimited. (DEPRECATED: This parameter should be set via the config file specified by the Kubelet's `--config` flag. See <https://kubernetes.io/docs/tasks/administer-cluster/kubelet-config-file/> for more information.)

`--reserved-cpus` string

A comma-separated list of CPUs or CPU ranges that are reserved for system and kubernetes usage. This specific list will supersede `cpu` counts in `--system-reserved` and `--kube-reserved`. (DEPRECATED: This parameter should be set via the config file specified by the Kubelet's `--config` flag. See <https://kubernetes.io/docs/tasks/administer-cluster/kubelet-config-file/> for more information.)

`--reserved-memory` reserved-memory

A comma separated list of memory reservations for NUMA nodes. (e.g. `--reserved-memory 0:memory=1Gi,hugepages-1M=2Gi --reserved-memory 1:memory=2Gi`). The total sum for each memory type should be equal to the sum of `kube-reserved`, `system-reserved` and `eviction-threshold`. See <https://kubernetes.io/docs/tasks/administer-cluster/memory-manager/#reserved-memory-flag> for more details. (DEPRECATED: This parameter should be set via the config file specified by the Kubelet's `--config` flag. See <https://kubernetes.io/docs/tasks/administer-cluster/kubelet-config-file/> for more information.)

`--resolv-conf` string Default: `"/etc/resolv.conf"`

Resolver configuration file used as the basis for the container DNS resolution configuration. (DEPRECATED: This parameter should be set via the config file specified by the Kubelet's `--config` flag. See <https://kubernetes.io/docs/tasks/administer-cluster/kubelet-config-file/> for more information.)

`--root-dir` string   Default: `"/var/lib/kubelet"`

Directory path for managing kubelet files (volume mounts,etc).

`--rotate-certificates`

Auto rotate the kubelet client certificates by requesting new certificates from the kube-apiserver when the certificate expiration approaches. (DEPRECATED: This parameter should be set via the config file specified by the Kubelet's `--config` flag. See <https://kubernetes.io/docs/tasks/administer-cluster/kubelet-config-file/> for more information.)

`--rotate-server-certificates`

Auto-request and rotate the kubelet serving certificates by requesting new certificates from the kube-apiserver when the certificate expiration approaches. Requires the `RotateKubeletServerCertificate` feature gate to be enabled, and approval of the submitted `CertificateSigningRequest` objects. (DEPRECATED: This parameter should be set via the config file specified by the Kubelet's `--config` flag. See <https://kubernetes.io/docs/tasks/administer-cluster/kubelet-config-file/> for more information.)

`--runonce`

If true, exit after spawning pods from static pod files or remote urls. Exclusive with `--enable-server` (DEPRECATED: This parameter should be set via the config file specified by the Kubelet's `--config` flag. See <https://kubernetes.io/docs/tasks/administer-cluster/kubelet-config-file/> for more information.)

`--runtime-cgroups` string

Optional absolute name of cgroups to create and run the runtime in.

`--runtime-request-timeout` duration   Default: `2m0s`

Timeout of all runtime requests except long running request - pull, logs, exec and attach. When timeout exceeded, kubelet will cancel the request, throw out an error and retry later. (DEPRECATED: This parameter should be set via the config file specified by the Kubelet's `--config` flag. See <https://kubernetes.io/docs/tasks/administer-cluster/kubelet-config-file/> for more information.)

`--seccomp-default` RuntimeDefault

Enable the use of RuntimeDefault as the default seccomp profile for all workloads.

`--serialize-image-pulls`   Default: `true`

Pull images one at a time. We recommend *not* changing the default value on nodes that run docker daemon with version < 1.9 or an Aufs storage backend. Issue #10959 has more details. (DEPRECATED: This parameter should be set via the config file specified by the Kubelet's `--config` flag. See <https://kubernetes.io/docs/tasks/administer-cluster/kubelet-config-file/> for more information.)

`--streaming-connection-idle-timeout` duration   Default: `4h0m0s`

Maximum time a streaming connection can be idle before the connection is automatically closed. 0 indicates no timeout. Example: '5m'. Note: All connections to the kubelet server have a maximum duration of 4 hours.

(DEPRECATED: This parameter should be set via the config file specified by the Kubelet's --config flag. See <https://kubernetes.io/docs/tasks/administer-cluster/kubelet-config-file/> for more information.)

--sync-frequency duration Default: 1m0s

Max period between synchronizing running containers and config (DEPRECATED: This parameter should be set via the config file specified by the Kubelet's --config flag. See <https://kubernetes.io/docs/tasks/administer-cluster/kubelet-config-file/> for more information.)

--system-cgroups string

Optional absolute name of cgroups in which to place all non-kernel processes that are not already inside a cgroup under '/'. Empty for no container. Rolling back the flag requires a reboot. (DEPRECATED: This parameter should be set via the config file specified by the Kubelet's --config flag. See <https://kubernetes.io/docs/tasks/administer-cluster/kubelet-config-file/> for more information.)

--system-reserved <comma-separated 'key=value' pairs>

A set of ResourceName=ResourceQuantity (e.g. cpu=200m,memory=500Mi,ephemeral-storage=1Gi,pid=1000) pairs that describe resources reserved for non-kubernetes components. Currently only cpu, memory, pid and local ephemeral storage for root file system are supported. See

<https://kubernetes.io/docs/concepts/configuration/manage-resources-containers/> for more detail. [default=none]

(DEPRECATED: This parameter should be set via the config file specified by the Kubelet's --config flag. See <https://kubernetes.io/docs/tasks/administer-cluster/kubelet-config-file/> for more information.)

--system-reserved-cgroup string

Absolute name of the top level cgroup that is used to manage non-kubernetes components for which compute resources were reserved via '--system-reserved' flag. Ex. '/system-reserved'. [default=""] (DEPRECATED: This parameter should be set via the config file specified by the Kubelet's --config flag. See <https://kubernetes.io/docs/tasks/administer-cluster/kubelet-config-file/> for more information.)

--tls-cert-file string

File containing x509 Certificate used for serving HTTPS (with intermediate certs, if any, concatenated after server cert). If --tls-cert-file and --tls-private-key-file are not provided, a self-signed certificate and key are generated for the public address and saved to the directory passed to --cert-dir. (DEPRECATED: This parameter should be set via the config file specified by the Kubelet's --config flag. See <https://kubernetes.io/docs/tasks/administer-cluster/kubelet-config-file/> for more information.)

--tls-cipher-suites strings

Comma-separated list of cipher suites for the server. If omitted, the default Go cipher suites will be used.

Preferred values: TLS\_AES\_128\_GCM\_SHA256, TLS\_AES\_256\_GCM\_SHA384,

TLS\_CHACHA20\_POLY1305\_SHA256, TLS\_ECDHE\_ECDSA\_WITH\_AES\_128\_CBC\_SHA,

TLS\_ECDHE\_ECDSA\_WITH\_AES\_128\_GCM\_SHA256,  
TLS\_ECDHE\_ECDSA\_WITH\_AES\_256\_CBC\_SHA,  
TLS\_ECDHE\_ECDSA\_WITH\_AES\_256\_GCM\_SHA384,  
TLS\_ECDHE\_ECDSA\_WITH\_CHACHA20\_POLY1305,  
TLS\_ECDHE\_ECDSA\_WITH\_CHACHA20\_POLY1305\_SHA256,  
TLS\_ECDHE\_RSA\_WITH\_AES\_128\_CBC\_SHA, TLS\_ECDHE\_RSA\_WITH\_AES\_128\_GCM\_SHA256,  
TLS\_ECDHE\_RSA\_WITH\_AES\_256\_CBC\_SHA, TLS\_ECDHE\_RSA\_WITH\_AES\_256\_GCM\_SHA384,  
TLS\_ECDHE\_RSA\_WITH\_CHACHA20\_POLY1305,  
TLS\_ECDHE\_RSA\_WITH\_CHACHA20\_POLY1305\_SHA256.

Insecure values: TLS\_ECDHE\_ECDSA\_WITH\_AES\_128\_CBC\_SHA256,  
TLS\_ECDHE\_ECDSA\_WITH\_RC4\_128\_SHA, TLS\_ECDHE\_RSA\_WITH\_3DES\_EDE\_CBC\_SHA,  
TLS\_ECDHE\_RSA\_WITH\_AES\_128\_CBC\_SHA256, TLS\_ECDHE\_RSA\_WITH\_RC4\_128\_SHA,  
TLS\_RSA\_WITH\_3DES\_EDE\_CBC\_SHA, TLS\_RSA\_WITH\_AES\_128\_CBC\_SHA,  
TLS\_RSA\_WITH\_AES\_128\_CBC\_SHA256, TLS\_RSA\_WITH\_AES\_128\_GCM\_SHA256,  
TLS\_RSA\_WITH\_AES\_256\_CBC\_SHA, TLS\_RSA\_WITH\_AES\_256\_GCM\_SHA384,  
TLS\_RSA\_WITH\_RC4\_128\_SHA. (DEPRECATED: This parameter should be set via the config file specified by the Kubelet's --config flag. See <https://kubernetes.io/docs/tasks/administer-cluster/kubelet-config-file/> for more information.)

--tls-min-version string

Minimum TLS version supported. Possible values: VersionTLS10, VersionTLS11, VersionTLS12, VersionTLS13 (DEPRECATED: This parameter should be set via the config file specified by the Kubelet's --config flag. See <https://kubernetes.io/docs/tasks/administer-cluster/kubelet-config-file/> for more information.)

--tls-private-key-file string

File containing x509 private key matching --tls-cert-file. (DEPRECATED: This parameter should be set via the config file specified by the Kubelet's --config flag. See <https://kubernetes.io/docs/tasks/administer-cluster/kubelet-config-file/> for more information.)

--topology-manager-policy string Default: "none"

Topology Manager policy to use. Possible values: 'none', 'best-effort', 'restricted', 'single-numa-node'. (DEPRECATED: This parameter should be set via the config file specified by the Kubelet's --config flag. See <https://kubernetes.io/docs/tasks/administer-cluster/kubelet-config-file/> for more information.)

--topology-manager-policy-options <comma-separated 'key=value' pairs>

A set of key=value Topology Manager policy options to use, to fine tune their behaviour. If not supplied, keep the default behaviour. (DEPRECATED: This parameter should be set via the config file specified by the Kubelet's --config flag. See <https://kubernetes.io/docs/tasks/administer-cluster/kubelet-config-file/> for more information.)

--topology-manager-scope string Default: "container"

Scope to which topology hints applied. Topology Manager collects hints from Hint Providers and applies them to defined scope to ensure the pod admission. Possible values: 'container', 'pod'. (DEPRECATED: This parameter should be set via the config file specified by the Kubelet's --config flag. See <https://kubernetes.io/docs/tasks/administer-cluster/kubelet-config-file/> for more information.)

-v, --v int

number for the log level verbosity

--version version[=true]

--version, --version=raw prints version information and quits; --version=vX.Y.Z... sets the reported version

--vmodule pattern=N,...

comma-separated list of pattern=N settings for file-filtered logging (only works for text log format)

--volume-plugin-dir string Default: "/usr/libexec/kubernetes/kubelet-plugins/volume/exec/"

The full path of the directory in which to search for additional third party volume plugins (DEPRECATED: This parameter should be set via the config file specified by the Kubelet's --config flag. See <https://kubernetes.io/docs/tasks/administer-cluster/kubelet-config-file/> for more information.)

--volume-stats-aggr-period duration Default: 1m0s

Specifies interval for kubelet to calculate and cache the volume disk usage for all pods and volumes. To disable volume calculations, set to a negative number. (DEPRECATED: This parameter should be set via the config file specified by the Kubelet's --config flag. See <https://kubernetes.io/docs/tasks/administer-cluster/kubelet-config-file/> for more information.)

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Source: <https://kubernetes.io/docs/reference/command-line-tools-reference/kubelet/>