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WebRTC Private Edition Guide

[Configure Webphone](#)

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Learn how to configure Webphone.

Related documentation:

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Override Helm chart values

Download the Webphone Helm charts from JFrog using your credentials. Override the configuration parameters in the **values.yaml** file to provide deployment-specific values for certain parameters. You can override values in the Helm charts to configure Private Edition. For more information about overriding Helm chart values, see the "suite-level" documentation about how to override Helm chart values: [Overriding Helm chart values](#).

The following table includes the Helm chart values required for configuring Webphone service.

Option Name	Description	Is Mandatory?	Default Value	Valid Value
image.repository	Webphone image repository/ directory.	mandatory		string
image.tag	Version of Webphone container.	mandatory		string
image.pullPolicy	Kubernetes pull policy of all containers.	mandatory		string
image.imagePullSecrets	Secrets to pull image.	optional		list
replicaCount	Number of desired Webphone pods.	optional		integer
webphone.cfgService	GWS9.x environment service address for configuring Webphone service.	mandatory		string
webphone.authService	GAAuth service address.	mandatory		string
webphone.webrtcService	WebRTC service address.	mandatory		string

Option Name	Description	Is Mandatory?	Default Value	Valid Value
webphone.webphoneServiceAddress	Webphone service address.	mandatory		string
webphone.authRedirectURL	GWS/WEE redirect URL for WEE authentication.	mandatory		
secrets.gwsClientId	GWS client ID injected as environment variable.	mandatory	"webrtc_secret_client"	
k8s.gws	Name of Kubernetes Secret object that contains secret for GWS client ID.	optional		
k8s.gwsSecretPath	File path in Kubernetes Secret object that contains the GWS secret.	optional		
secrets.env.gws	Secret for GWS client ID, injected as environment variable.	optional		string
service.enabled	To enable deployment of Kubernetes Service for Webphone pods.	mandatory	true	true/false
service.type	Type of Webphone Service object.	optional	ClusterIP	string
service.port	Port of Webphone Service object.	optional	80	integer
ingress.enabled	To enable deployment of Kubernetes Ingress for Webphone Ingress. This parameter can be enabled only if Webphone service is enabled.	mandatory	true	true/false
ingress.annotations	Any additional annotations applied for Webphone Ingress.	optional	ingress: annotations: nginx.ingress.kubernetes.io/ affinity: cookie nginx.ingress.kubernetes.io/ affinity-mode: persistent	

Option Name	Description	Is Mandatory?	Default Value	Valid Value
			<pre> nginx.ingress.kubernetes.io/ session-cookie- name: webphonesession nginx.ingress.kubernetes.io/ session-cookie- path: /; Secure nginx.ingress.kubernetes.io/ session-cookie- secure: "true" nginx.ingress.kubernetes.io/ session-cookie- samesite: None </pre>	
ingress.host	FQDNs of Webphone. This field is mandatory, if ingress is enabled.	optional		string
ingress.ingressClassName	Classname of Ingress.	optional		string
resources	Resources requested for Webphone pods.	optional	<pre> resources: limits: cpu: 500m memory: 1024Mi requests: cpu: 50m memory: 128M </pre>	list
podAnnotations	Any additional annotations applied for Webphone pods.	optional		array
podSecurityContext	Security context for Webphone pod.	optional		array
securityContext	Security context for Webphone container.	optional		array
nodeSelector	Node selector for Webphone pods.	optional		array
tolerations	If toleration exists, this parameter is inserted into toleration of Webphone pods.	optional		array
affinity	Pod affinity descriptions.			

Option Name	Description	Is Mandatory?	Default Value	Valid Value
serviceAccountName	Name of the Service Account used to run the Webphone pods.	optional	default	
priorityClassName	Name of the priority class for pods that indicates the importance of a pod relative to other pods.	optional		string
dnsPolicy	Kubernetes DNS Policy applied in the pods.	optional		
dnsConfig	All DNS settings are provided using this field in the Pod Spec.	optional		
autoscaling.enabled	To enable autoscaling of Webphone.	mandatory	false	true/false
autoscaling.minReplicas	Minimal number of Webphone pods.	optional	1	integer
autoscaling.maxReplicas	Maximum number of Webphone pods.	optional	2	integer
autoscaling.targetCPUUtilizationPercentage	CPU usage threshold to trigger autoscaling.	optional	80	integer
autoscaling.targetMemoryUtilizationPercentage	Memory usage threshold to trigger autoscaling.	optional		integer
monitoring.enabled	To enable monitoring of Webphone service.	mandatory	false	true/false
monitoring.scrapeInterval		optional		

Configure the service

Before proceeding with the deployment process, perform the following pre-steps:

1. **Review values-template.yaml in helm charts:** It provides all the available options with comments and explanations.
2. **Configure all the options in your own values file:** Configure/overwrite values for options that you need. Use the values **template.yaml** file from the package that displays the list of available options

with their description.

Sample values.yaml file:

```
image:
  repository: pureengageuse1-docker-multicloud.jfrog.io
  tag: 100.0.007.0000
  pullPolicy: IfNotPresent

webphone:
  cfgService: "https://gws."
  authService: "https://gauth."
  webrtcService: "https://webrtc."
  webphoneService: "https://webphone."

secrets:
  gwsClientId: "webrtc_service_client"
  env:
    gws: "secret"

ingress:
  annotations:
    kubernetes.io/ingress.class: nginx
    kubernetes.io/ingress.allow-http: "true"
    nginx.ingress.kubernetes.io/ssl-redirect: "false"
    nginx.ingress.kubernetes.io/affinity: cookie
    nginx.ingress.kubernetes.io/affinity-mode: persistent
    nginx.ingress.kubernetes.io/session-cookie-name: webphonesession
    nginx.ingress.kubernetes.io/session-cookie-path: /; Secure
    nginx.ingress.kubernetes.io/session-cookie-secure: "true"
    nginx.ingress.kubernetes.io/session-cookie-samesite: None
    nginx.ingress.kubernetes.io/session-cookie-conditional-samesite-none: "true"
    nginx.ingress.kubernetes.io/session-cookie-max-age: "86400"
    nginx.ingress.kubernetes.io/session-cookie-change-on-failure: "true"
  hosts:
    - host: webphone.apps.qrtph6qa.westus2.aroapp.io
      paths:
        - path: "/"

monitoring:
  enabled: false

serviceAccount:
  create: false
  name: default

podSecurityContext:
  runAsGroup: 0
  runAsNonRoot: true

rbac:
  create: false
```