WebRTC Private Edition Guide

Configure WebRTC

5/15/2026

Contents

Learn how to configure WebRTC.

Related documentation:

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RSS:

- For private edition

Override Helm chart values

Download the WebRTC 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

Option name	Description	Is mandatory	Default value	Valid value	Notes	Example

deployment.namespace	Name of Kubernetes namespace for WebRTC deployment	mandatory	webrtc	string	You can modify the default namespace used to deploy applications in the `deployment.namespace` option.	`deployment:`
						`namespace:`
						`production`

deployment.priorityClassName	Name of the priority class for pods that specify the importance of a pod relative to other pods	optional		string		

deployment.nodeSelector	Node selector for Gateway and CoTurn pods	optional		Specification		`deployment:`
						`nodeSelector:`
						`genesysengage.com/`

Option name	Description	Is mandatory	Default value	Valid value	Notes	Example
						`nodepool: general`

deployment.tolerations	Include this parameter in the Gateway and CoTurn, if the content of toleration exists.	optional		Specification		`deployment:`
						
						`tolerations:`
						`- operator: Exists`
						
						`effect: NoSchedule`
						`key: "k8s.genesysengage.com/ nodepool"`

deployment.ingress.domain	Ingress domain	mandatory		string		`deployment:`
						`ingress:`
						
						`domain: apps.vce-c0.eps.genesys.com`

deployment.ingress.annotations	WebRTC Annotation for Ingress controller	mandatory		Specification	As the default value of the HAProxy route timeout is set to 30 s, there is a possibility it interferes with the WebRTC long-polling timeout (30 s) and disconnect the session.	`deployment`
						`ingress:`
						
						`annotations:`
						
						`kubernetes.io/ ingress.class: nginx01-internal`
						
						`nginx.ingress.kubernetes.. affinity: cookie`
						
						`nginx.ingress.kubernetes.. affinity-mode: persistent`
						
						`nginx.ingress.kubernetes.. ssl-redirect: "false"`
						
						`nginx.ingress.kubernetes.. session-cookie-path: "/; Secure"`
						
						`nginx.ingress.kubernetes.. session-`

Option name	Description	Is mandatory	Default value	Valid value	Notes	Example
						cookie- samesite: None {{!}}- {{!}}{{!}}deployment.ingr {{!}}{{!}}If this option is defined, tls option is declared in the Ingress specification {{!}}{{!}}optional {{!}}{{!}} {{!}}{{!}}Specification {{!}}{{!}} {{!}}{{!}}deployment: ingress: tls: secretName: webrtc.api01-eastus2.dev. tls-secret
deployment.affinity	Pod affinity descriptions	optional		Specification		deployment: affinity: podAntiAffinity: preferredDuringScheduling - weight: 100 podAffinityTerm: labelSelector: matchExpressions: - key: servicename operator: In values: - webrtc- gateway - webrtc- coturn

Option name	Description	Is mandatory	Default value	Valid value	Notes	Example
						`topologyKey: failure-domain.beta.kubernetes.io/zone`

deployment.dnsPolicy	Kubernetes DNS Policy that is applied in the Pods	optional				`deployment:`
						`nodeSelector:`
						`genesysengage.com/nodepool: general`

deployment.dnsConfig	All DNS settings must be provided using the dnsConfig field in the Pod specification	optional				`deployment:`
						`dnsConfig:`
						`options:`
						`- name: ndots`
						`value: "3"`

deployment.keda	Enable KEDA usage for the Gateway and CoTurn horizontal auto-scaling	optional	false	true/false		
deployment.coturn.exposeInDeployment	Type of CoTurn deployment - `internal`: the internal LBs are created and the IP addresses of that LBs must be used by the firewall or other ways to be exposed externally. `external`: the external LBs are created with given external	mandatory		internal/ external	For Premise Edition - This parameter is configured as `external`	

Option name	Description	Is mandatory	Default value	Valid value	Notes	Example
	static IPs (IPs for the green and blue LBs must be set with `lbIpBlue` and `lbIpGreen` during the infra-color deployment.					

deployment.coturnService.annotations	Annotation that is added to the Kubernetes LoadBalancer Service object	optional				`deployment:`
						`coturnService:`
						`annotations:`
						`service.beta.kubernetes.io/azure-load-balancer-resource-group: service-webrtc-westus2-dev`

monitoring.enabled	Enable monitoring content - dashboards, alerts, metrics	optional	false	true/false		
monitoring.dashboards	Enable ConfigMaps deployment that contains dashboards	optional	false	true/false		
monitoring.prometheusMetrics	Enables Prometheus metrics to deploy PodMonitors	optional	false	true/false		
monitoring.prometheusAlerts	Enable Prometheus rules for alerts	optional	false	true/false		
image.imagePullSecrets	Secrets to pull image, list	mandatory				`image:` `imagePullSecrets:`

Option name	Description	Is mandatory	Default value	Valid value	Notes	Example
						`- myRegistrySecret`
image.pullPolicy	Kubernetes pull policy of all containers	optional	Always	Always/ IfNotPresent		
image.initContainerImage	Image for initialization container - used to create log folders. If image is not specified, the init container is not applied and the logs are written into `logPath`	optional		string		
image.webrtc	Repository/ directory to get the Gateway image	mandatory		string		`pureengage-docker-staging.jfrog.io/webrtc`
image.coturn	Repository/ directory to get the CoTurn image	mandatory		string		`pureengage-docker-staging.jfrog.io/webrtc`
image.webrtcVersion	Versions of the WebRTC Gateway container	mandatory		string		`9.0.000.88`
image.coturnVersion	Versions of the CoTurn container	mandatory		string		`9.0.000.88`
gateway.replicas	Number of Gateway pods on the deployment stage	optional	1	integer		
gateway.workersCount	Number of Gateway worker threads that handle calls. 1 worker	optional	3	integer		

Option name	Description	Is mandatory	Default value	Valid value	Notes	Example
	handles 25 registrations/ calls. CPU and Memory request depends on the number of workers.					
gateway.voiceSipProxy	Voice microservice - SIP proxy address	mandatory		string, address		`voice-sipproxy.voice.svc.cluste`
gateway.turnExternalHostBlue	FQDNs of coTurn blue LB	mandatory		string, address		
gateway.turnExternalHostGreen	FQDNs of coTurn green LB	mandatory		string, address		
gateway.authRedirectUri	GWS/WEE redirect URI for WWE authentication	mandatory		string, address		
gateway.authService	GAuth service address	mandatory		string, address		
gateway.envService	GWS9.x Environment service address	mandatory		string, address		
gateway.cfgService	GWS9.x configuration service address	optional		string, address		
gateway.enableTranscoding	Enable or disable transcoding on the Gateway side. Transcoding is enabled by default. If the transcoding is disabled, the Gateway can handle more agent sessions but OPUS codec is not	optional	true	true/false		

Option name	Description	Is mandatory	Default value	Valid value	Notes	Example
	supported.					
gateway.enable1pccCalls	Specifies if the 1pcc operations are enabled	optional	false	true/false		

gateway.arguments	Any additional options that are applied to the Gateway containers	optional		Array of strings		`gateway:`
						
						`arguments:`
						`[ '-codecs pcmu,pcma,opus=120', '-sip-disallowed-codecs opus,telephone-event' ]`

gateway.podAnnotations	Any additional annotations that are applied to the Gateway pods	optional				`gateway:`
						
						`podAnnotations:`
						
						`prometheus.io/scrape: "true"`
						
						`prometheus.io/port: "10052"`
						
						`prometheus.io/path: "/metrics"`

gateway.resources	Describes the resources requested for the Gateway pods.
	Important
	Do not specify this option, if you do not need resources requests/ limits.
		optional		Section		`gateway:`
						
						`resources:`
						
						`requests:`
						
						`cpu:  800`
						
						`memory: 150`
						`limits:`
						
						`memory: "8Gi"`

gateway.resources.requests.cpu	Requested amount of CPU milliunits.	optional	800	integer		

Option name	Description	Is mandatory	Default value	Valid value	Notes	Example
	Important This value is per worker and is multiplied by the `gateway.worke` option in helm					
gateway.resources.requests.memory	Requested amount of Memory (in MB). **Important** This value is per worker and is multiplied by the `gateway.worke` option in helm	optional	150	integer		
gateway.resources.limits.memory	Absolute value for Gateway's memory usage limit	optional	"8Gi"	Kubernetes value for the resource limit		

gateway.scaling	Describes the auto-scaling parameters. If the `deployment.keda` option is set to `false`, you can skip this option.	optional		Section		`gateway:`
						`  scaling:`
						
						`pollingInterval:`
						`30`
						
						`maxReplicaCount:`
						`100`
						
						`prometheusAddress:`
						`http://monitoring-`
						`prometheus-`
						`prometheus.monitoring:909`
						
						`thresholdSignins:`
						`70`

gateway.scaling.prometheusAddress	Describes the auto-scaling parameters. If the `deployment.keda` option is set to `false`, you can skip	optional	http://monitoring-prometheus-prometheus.monitoring:909	string, address		

Option name	Description	Is mandatory	Default value	Valid value	Notes	Example
	this option.					
gateway.scaling.pollingInterval	KEDA polling interval (in seconds) - the interval to check each trigger on. See KEDA documentation for more information.	optional	30	integer		
gateway.scaling.maxReplicaCount	Maximum number of replicas that are raised by KEDA/ HPA. See KEDA documentation for more information.	optional	100	integer		
gateway.scaling.thresholdSignins	In persons - number of registered agents that causes the Gateway auto-scaling if exceeded	optional	71	integer		

gateway.budget.minAvailable	Option to configure the `PodDisruptionBudget` option. Do not specify this option, if you do not need the `PodDisruptionBudget` option for the Gateway deployment.	optional		Kubernetes PodDisruptionBudget (PBD) value		`gateway:`
						`  budget:`
						
						`minAvailable: 50%`

gateway.secrets.type	Describes where the secrets are taken - in Kubernetes secrets, CSI driver, or from the Environment	mandatory		csi k8s env		

Option name	Description	Is mandatory	Default value	Valid value	Notes	Example
	variables					
gateway.secrets.csi.gws	If the `secrets.type` option is set to `csi`, the name of the CSI object contains the GWS secret			string		
gateway.secrets.k8s.gws	If the `secrets.type` option is set to k8s, the name of the Kubernetes Secret object that contains the GWS secret			string		
gateway.secrets.env.gwsClient	If the `secrets.type` option is set to env, the value is GWS clientid created for WebRTC			string		
gateway.secrets.value.gwsSecret	If the `secrets.type` option is set to env, the value is GWS secret for the client given clientid			string		

gateway.securityContext	Security context for the Gateway container	optional		Specification		`gateway:`
						`securityContext:`
						`runAsUser: 500`
						`runAsGroup: 500`

gateway.serviceAccountName	Name of the ServiceAccount that is used to run the Gateway pod	optional		string		

Option name	Description	Is mandatory	Default value	Valid value	Notes	Example
gateway.logPath	Path to the log-directory. used for both - PVC or HostPath types of logs. Also, check the `esServer` option. If `/mnt/log/webrtc` is specified, the `/mnt/log/webrtc//webrtcgw` logfiles are created and used in the mentioned path. If the `image.initContainerImage` option is not specified, the folder with the pod name will not be created and the `/mnt/log/webrtc/webrtcgw` logfiles will be created. **Important** If this option is set to `stdout`, the entire WebRTC GW logs are produced to the `stdout` in JSON format.	mandatory	"/mnt/log/webrtc"	string		`"/export/vol1/PAT/infra/webrtc"`

gateway.logPvc	Option for Persistent Volume Claim used for the Gateway logs. If logPvc is not defined, the	optional		Section		`gateway:`
						`  logPvc:`
						
						`pvcName: webrtc-gateway-log-pvc`

Option name	Description	Is mandatory	Default value	Valid value	Notes	Example
	HostPath is used for the logs mount.					volumeName: webrtc-gateway-log-volume storageClassName: genesys-webrtc capacity: 5Gi volumeSpec: accessModes: - ReadWriteMany persistentVolumeReclaimPo Retain nfs: path: /export/vol1/PAT/infra/webrtc server: 192.168.30.51
gateway.logPvc.pvcName	Name of the Persistent Volume Claim. If this option is present, the PVC is created. Else, the `hostpath` is used for the Gateway logs.	optional		string		
gateway.logPvc.volumeName	PersistentVolume name for the PVC. Single Volume is used for both green and blue deployments of the gateway	optional		string		

Option name	Description	Is mandatory	Default value	Valid value	Notes	Example
gateway.logPvc.persistentVolume	If the Perisitent Volume specification is configured in the `gateway.logPvc.volumeSpec` option, the PersistentVolume object with name from the `gateway.logPvc.volumeName` option is created using this specification.	optional		Specification		`gateway:   logPvc:  volumeSpec:  accessModes:   - ReadWriteMany  persistentVolumeReclaimPo Retain   nfs:  path: /export/ vol1/PAT/ infra/ webrtc  server: 192.168.30.51`
gateway.logPvc.volumeAnnotations	Any additional annotations that are used for the PersistentVolume if the `gateway.logPvc.volumeSpec` is specified here.	optional		Specification		`gateway:   logPvc:  volumeAnnotations:  pv.kubernetes.io/ bound-by- controller: 'yes'`
gateway.esServer	Specifies the destination for the ElasticSearch logging - ElasticSearch server address or stdout. Gateway produces messages in the ElasticSearch format.	optional	stdout	network address or "stdout"		
gateway.restartPolicy	Restart policy for gateway pods.	Optional	Always	depends on cluster		
coturn.port	Coturn port that is used by the	optional	443	integer		

Option name	Description	Is mandatory	Default value	Valid value	Notes	Example
	CoTurn Load Balancer					
coturn.lbIpBlue	External IP for CoTurn blue Load Balancer service. The IP must be same as the one used for the `gateway.turnExternalUriBlue` A-record	mandatory		IP address		
coturn.lbIpGreen	External IP for CoTurn green Load Balancer service. The IP must be same as the one used for the `gateway.turnExternalUriGreen` A-record	mandatory		IP address		
coturn.replicas	Number of CoTurn pods	optional	1	integer		
coturn.podAnnotations	Any additional annotations that are applied for CoTurn pods	optional		Specification		`coturn:  podAnnotations:  pods/realtime: "true"  pods/owner: "1051"`
coturn.resources	Describes resources requested for the CoTurn pods. Do not specify this option if you do not need resources requests/limits.	optional		Section		`coturn:  resources:  requests:  cpu: "0.5"  memory: "768Mi"  limits:  memory: "8Gi"`
coturn.resources.requests.cpu	Requested	optional	0.5	Kubernetes		

Option name	Description	Is mandatory	Default value	Valid value	Notes	Example
	amount of CPU. Coturn requires 0.08CPU per call.			CPU request format		
coturn.resources.requests.memory	Requested amount of Memory	optional	150	Kubernetes memory request format		
coturn.resources.limits.memory	Absolute value for the Coturn memory usage limit	optional	"8Gi"	Kubernetes value for resoure limit		

coturn.scaling	Describes the autoscaling parameters. If the `deployment.keda` option is set to `false`, you can skip this section	optional		Section		`coturn:`
						`  scaling:`
						
						`pollingInterval: 30`
						
						`maxReplicaCount: 100`
						
						`thresholdCpu: 60`
						
						`thresholdMemory: 60`

coturn.scaling.pollingInterval	Specifies the KEDA polling interval in seconds - the interval to check each trigger on. Refer to KEDA documentation for more information.	optional	30	integer		
coturn.scaling.maxReplicaCount	Maxium number of replicas that are raised by KEDA/ HPA. Refer to KEDA documentation for more information.	optional	100	integer		
coturn.scaling.thr	hresholdSignins	optional	71	integer		

Option name	Description	Is mandatory	Default value	Valid value	Notes	Example
	percentage					
coturn.scaling.threshold.avgCpu	In percentage. The target value is the average of the CPU resource metric across all relevant pods, represented as a percentage of the requested value of the resource for the pods.	optional	60	integer		
coturn.scaling.threshold.avgMemory	In percentage. The target value is the average of the memory resource metric across all relevant pods, represented as a percentage of the requested value of the resource for the pods.	optional	60	integer		

coturn.budget.minAvailable	Option to configure `PodDisruptionBudget`. Do not specify this option, if you do not need `PodDisruptionBudget` for the CoTurn deployment.	optional		Kubernetes PDB value		`coturn:`
						`  budget:`
						
						`minAvailable: 50%`

Option name	Description	Is mandatory	Default value	Valid value	Notes	Example

coturn.securityContext	Security context for the CoTurn container.	optional		Specification		`coturn:`
						
						`securityContext:`
						
						`runAsUser: 500`
						
						`runAsGroup: 500`

coturn.serviceAccountName	Name of the ServiceAccount to use to run the CoTurn pod.	optional		string		
coturn.logPath	Path to the log-directory. This can be the directory path or "stdout". This path is used for both PVC or HostPath types of logs. Example: If `/mnt/log/webrtc` is specified, `"/mnt/log/webrtc//turn.xxx.log"` logfile is created and used in the mentioned path. If `image.initContainerImage` is not specified, the folder with pod name will not be created and `mnt/log/webrtc/turn.xxx.log` logfile will be created.	mandatory	"/mnt/log/webrtc"	string		

Option name	Description	Is mandatory	Default value	Valid value	Notes	Example

coturn.logPvc	Section for Persistent Volume Claim used for CoTurn logs. If this option not defined, the HostPath is used for logs mount.	optional	"/mnt/log/webrtc"	Section		coturn:
						  logPvc:
						
						pvcName:
						webrtc-
						coturn-log-
						pvc
						
						storageClassName:
						default
						
						capacity:
						10Gi
						
						volumeName:
						webrtc-
						coturn-log-
						volume
						
						volumeSpec:
						  nfs:
						
						server:
						192.168.1.5
						
						path:
						/storage/
						webrtc
						
						volumeMode:
						Filesystem
						
						persistentVolumeReclaimPo
						Retain

coturn.logPvc.pvcName	Name of PersistentVolumeClaim. If this option is present, PVC will be created. Else, the HostPath is used for CoTurn logs.	optional		string		
coturn.logPvc.storageClassName	StorageClass name for the CoTurn PVC	optional		string		
coturn.logPvc.capacity	Volume capacity	optional		Kubernetes capacity storage values		
coturn.logPvc.volumeName	Persistent Volume name for the	optional		string		

Option name	Description	Is mandatory	Default value	Valid value	Notes	Example
	PVC. Single Volume is used for both green and blue deployments of the CoTurn logs					
coturn.logPvc.volumeSpec	If the Persistent Volume specification is configured in `coturn.logPvc.volumeSpec`, the Persistent Volume object with name from the `coturn.logPvc.volumeName` will be created using this specification.	optional		Specification		`gateway: logPvc: volumeSpec: accessModes: - ReadWriteMany persistentVolumeReclaimPo Retain nfs: path: /export/ vol1/PAT/ infra/ webrtc server: 192.168.30.51`
coturn.logPvc.volumeAnnotations	Any additional annotations that are used for the Persistent Volume, if the `coturn.logPvc.volumeSpec` option is specified	optional		Specification		`gateway: logPvc: volumeAnnotations: pv.kubernetes.io/ bound-by- controller: 'yes'`
coturn.restartPolicy	Restart policy for coturn pods.	optional	Always	depends on cluster		
labels.common	Describes the additional labels for common resources	optional				
labels.gateway	Describes the additional	optional				

Option name	Description	Is mandatory	Default value	Valid value	Notes	Example
	labels for the Gateway resources - pods, deployments, and services					
labels.coturn	Describes the additional labels for the CoTurn resources - pods, deployments, and services	optional				
labels.alerts	Describes the additional labels for the alert objects	optional				

Configure Kubernetes

Document the layouts for the following so customers can create them if their Helm chart doesn't include a way to do this:

- *ConfigMaps*
- *Secrets*

Configure security

The security context settings define the privilege and access control settings for pods and containers.

By default, the user and group IDs are set in the **values.yaml** file as `500:500:500`, meaning the **genesys** user.

```
securityContext:
  runAsNonRoot: true
  runAsUser: 500
  runAsGroup: 500
  fsGroup: 500
```

Arbitrary UIDs in AKS

If you want to use arbitrary UIDs in your Azure Kubernetes Services deployment, override the **securityContext** settings in the **values.yaml** file, so that you do not define any specific IDs.

```
podSecurityContext:
  runAsNonRoot: true
  runAsUser: null
  runAsGroup: 0
  fsGroup: null

securityContext:
  runAsNonRoot: true
  runAsUser: null
  runAsGroup: 0
```

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.

> **Important**
>
> Do not configure **deployment.type** and **deployment.color** options in values.yaml-file(s). These values should be used only during deployment process as command-line parameters to specify the deployment process.

Sample values.yaml file:

```
deployment:
   namespace:         webrtc
   ingress:
     domain: apps.vce-c0.eps.genesys.com
     annotations:
       kubernetes.io/ingress.class:                          nginx01-internal
       nginx.ingress.kubernetes.io/affinity:                 cookie
       nginx.ingress.kubernetes.io/affinity-mode:            persistent
       nginx.ingress.kubernetes.io/ssl-redirect:             "false"
       nginx.ingress.kubernetes.io/session-cookie-path:      "/; Secure"
       nginx.ingress.kubernetes.io/session-cookie-samesite: None
   dnsPolicy: ClusterFirst
   dnsConfig:
     options:
```

```
      - name: ndots
        value: "3"
  keda: false
  coturnDeployment: external


monitoring:
  enabled:           false
  dashboards:        false
  prometheusMetrics: false
  prometheusAlerts:  false


image:
  imagePullSecrets:
  - webrtcjfrogsecret
  initContainerImage: pureengage-docker-staging.jfrog.io/alpine:3.7-curl
  webrtc: pureengage-docker-staging.jfrog.io/webrtc
  coturn: pureengage-docker-staging.jfrog.io/webrtc
  webrtcVersion: 9.0.000.88
  coturnVersion: 9.0.000.88


gateway:
  logPath:                "/export/vol1/PAT/infra/webrtc"
  logPvc:
    pvcName:              webrtc-gateway-log-pvc
    volumeName:           webrtc-gateway-log-volume
    storageClassName:     genesys-webrtc
    capacity:             5Gi
    volumespec:
      accessModes:
        - ReadWriteMany
      persistentVolumeReclaimPolicy: Retain
      nfs:
        path: /export/vol1/PAT/infra/webrtc
        server: 192.168.30.51
  esServer:               stdout
  replicas:                1
  workersCount:           1
  voiceSipProxy:          voice-sipproxy.voice.svc.cluster.local:5080;transport=tcp
  turnExternalUriBlue:   192.168.30.208
  turnExternalUriGreen:  192.168.30.209
  authRedirectUri:       http://gauth.apps.vce-c0.eps.genesys.com:80
  authService:           http://gauth-auth.gauth.svc.cluster.local:80
  envService:            https://gws.apps.vce-c0.eps.genesys.com
  resources:
    requests:
      # NB! 800m per worker, MUST be integer, not string - will be multiplied by
workersCount in helm
      cpu:  800
      # NB! 150Mi per worker, MUST be integer, not string - will be multiplied by
workersCount in helm
      memory: 150
    limits:
      memory: "8Gi"
  secrets:
    type: env
    env:
     gwsClient: external_api_client
     gwsSecret: secret
  securityContext:
    runAsUser: 500
```

```
    runAsGroup: 500


coturn:
  logPath:                 "/export/vol1/PAT/infra/coturn/"
  logPvc:
    pvcName:               webrtc-coturn-log-pvc
    volumeName:            webrtc-coturn-log-volume
    storageClassName:       genesys-webrtc
    capacity:               5Gi
    volumeSpec:
      accessModes:
        - ReadWriteMany
      persistentVolumeReclaimPolicy: Retain
      nfs:
        path: /export/vol1/PAT/infra/webrtc
        server: 192.168.30.51
  replicas:    1
  port:        443
  lbIpBlue:  192.168.30.208
  lbIpGreen: 192.168.30.209
  securityContext:
    runAsUser: 500
    runAsGroup: 500
```

3. **PersistentVolume (PV) and PersistentVolumeClaim (PVC)**: If you plan to use PV for logs, create the PV and then specify it for PVC of Gateway and CoTurn.
   PV can also be created during the common-infrastructure deployment. You should review the `values-template.yaml` file and then configure the PV specification for Gateway and CoTurn.

   Single PV/PVC pair will be used for both Green and Blue deployments of Gateway, and another single PV/PVC pair will be used for both Green and Blue deployments of CoTurn.