

Temenos Transact - Rancher Helm Chart

This Helm chart deploys Temenos Transact on SUSE Rancher Kubernetes Environment (RKE).

Changelog

Version	Date	Changelog
1.0.0	20/01/24	Initial release

Rancher Helm Configuration

The following table lists the configurable parameters of the values-azure.yaml file and the default values.

Parameter	Description	Default
<code>nameOverride</code>	(Optional) Override default chart name	<code>" "</code>
<code>fullnameOverride</code>	(Optional) Override full default chart name	<code>" "</code>
<code>deployFI.enabled</code>	Deploy Temenos Financial Inclusion	<code>false</code>
<code>deployATM.enabled</code>	Deploy Temenos ATM Framework	<code>false</code>
<code>appReplicaCount</code>	Transact app pod replicas	<code>1</code>
<code>webReplicaCount</code>	Transact web pod replicas	<code>1</code>
<code>apiReplicaCount</code>	Transact API pod replicas	<code>1</code>
<code>edgeProp</code>	Configuration modes for UXP Browser. Accepted values: SystemTestProperties, ProductionProperties	<code>"SystemTest Properties"</code>
<code>appVersion</code>	(Optional) Transact version to be used in all image tags in the format {Values.image.app.repository}:{Values.ima ge.app.version.}.{Values.image.app.tag}	<code>" "</code>
<code>domainname</code>	Environment domain name used for AGIC	<code>" "</code>

Parameter	Description	Default
<code>environment</code>	Deployment environment. Accepted values: rke,aks, eks - for Rancher Kubernetes,Azure Kubernetes Service and AWS	<code>rke</code>
<code>serviceAccount.app</code>	Transact app service account. If value is blank, the service account will be created. To use an existing service account, set the name here.	<code>" "</code>
<code>serviceAccount.web</code>	Transact web service account. If value is blank, the service account will be created. To use an existing service account, set the name here.	<code>" "</code>
<code>serviceAccount.api</code>	Transact API service account. If value is blank, the service account will be created. To use an existing service account, set the name here.	<code>" "</code>
<code>image.pullPolicy</code>	Pull policy for images.	<code>"IfNotPresent"</code>
<code>image.pullSecret</code>	(Optional) Image pull secret.	<code>" "</code>
<code>image.app.repository</code>	App image repository.	<code>"transact-app"</code>
<code>image.app.tag</code>	App image tag.	<code>" "</code>
<code>image.web.repository</code>	Web image repository.	<code>"transact-web"</code>
<code>image.web.tag</code>	Web image tag.	<code>" "</code>
<code>image.api.repository</code>	API image repository.	<code>"transact-api"</code>
<code>image.api.tag</code>	API image tag.	<code>" "</code>
<code>tafjee.OLTP_ACTIVE</code>	Online transaction processing active. true dictates that this Transact instance will serve the frontend applications. false will make it a Transact batch pod.	<code>"true"</code>
<code>tafjee.SERVICE_ACTIVE</code>	Run the Transact pod as a batch service.	<code>"false"</code>

Parameter	Description	Default
<code>apiIp</code>	(Optional) Set the API load balancer IP address.	<code>" "</code>
<code>config.name</code>	Resource prefix	<code>" "</code>
<code>component.name</code>	Specifies the Temenos component. Accepted values: transact, lending. Setting this will apply custom network policies with a default deny-all posture.	<code>"transact"</code>
<code>database.type</code>	Database Type: AzureSQL, PostgreSQL, PostgreSQLWrapper, Yugabyte or Oracle	<code>" "</code>
<code>database.user</code>	Datbase username	<code>" "</code>
<code>database.password</code>	Datbase password - not required if using the PostgreSQLWrapper database option.	<code>" "</code>
<code>database.host</code>	Database hostname.	<code>" "</code>
<code>database.encryptedPassword</code>	Encrypted database password value generated using the EncryptionUtility JAR found in the UXPB Tools package. Required if UXP is deployed and the PostgreSQLWrapper database type is not being used.	<code>" "</code>
<code>database.port</code>	Database port number	<code>null</code>
<code>database.database</code>	Database schema name	<code>" "</code>
<code>mq.connectionstring</code>	ActiveMQ connection string	<code>" "</code>
<code>mq.user</code>	ActiveMQ user	<code>" "</code>
<code>mq.password</code>	ActiveMQ password	<code>" "</code>
<code>app.user</code>	Transact username for UXP artefact connectivity	<code>" "</code>
<code>app.password</code>	Transact user password for UXP artefact connectivity	<code>" "</code>
<code>service.port</code>	WildFly HTTP port	<code>8080</code>
<code>service.httpsPort</code>	WildFly HTTPS port	<code>8443</code>

Parameter	Description	Default
<code>requests.app.cpu</code>		<code>"1.5"</code>
<code>requests.app.memory</code>		<code>"7G"</code>
<code>requests.web.cpu</code>		<code>"1"</code>
<code>requests.web.memory</code>		<code>"6G"</code>
<code>requests.api.cpu</code>		<code>"1.5"</code>
<code>requests.api.memory</code>		<code>"6G"</code>
<code>limits.app.cpu</code>		<code>"1.5"</code>
<code>limits.app.memory</code>		<code>"7G"</code>
<code>limits.web.cpu</code>		<code>"1"</code>
<code>limits.web.memory</code>		<code>"6G"</code>
<code>limits.api.cpu</code>		<code>"2"</code>
<code>limits.api.memory</code>		<code>"12G"</code>
<code>ingress.enabled</code>	Deploy ingress to expose Transact services externally from the cluster	<code>true</code>
<code>ingress.controller</code>	Ingress controller to expose the Transact services. Accepted values: awsalbcontroller, nginx or agic	<code>"awsalbcontroller"</code>
<code>ingress.usePrivateIp</code>		<code>true</code>
<code>ingress.annotations</code>	Additional custom annotations for the ingress/ingress controller.	<code>{}</code>
<code>ingress.paths</code>		<pre>[{"path": "/BrowserWeb*", "service": "-svc"}, {"path": "/TAFJ*", "service": "-app-svc"}, {"path":</pre>

Parameter	Description	Default
		<pre> "/Browser*" , "service": "-svc"}, {"path": "/irf*", "service": "-lb"}, {"path": "/infinity* ", "service": "-lb"}, {"path": "/axis2*", "service": "-app- svc"}, {"path": "/TAFJCobMo nitor*", "service": "-app- svc"}] </pre>
<code>autoscaling.enabled</code>	Enable autoscaling for the Transact pods using the Horizontal Pod Autoscaler	<code>true</code>
<code>autoscaling.minReplicas</code>	Minimum number of Transact pods if autoscaling is enabled	<code>1</code>
<code>autoscaling.maxReplicas</code>	Maximum number of Transact pods if autoscaling is enabled	<code>5</code>
<code>autoscaling.targetCPUUtilizationPercentage</code>	Pod CPU utilisation value at which more replicas will be created to distribute load.	<code>75</code>
<code>share.names</code>		<code>" "</code>
<code>mount.path</code>		<code>"/shares/"</code>
<code>eventstream.jaas_config</code>		<code>" "</code>

Parameter	Description	Default
<code>eventstream.server_config</code>		<code>" "</code>
<code>jboss.MDB_POOL_MAX</code>	Maximum MDB pool size.	<code>"6"</code>
<code>jboss.DB_POOL_MIN</code>	Minimum database pool size	<code>"10"</code>
<code>jboss.DB_POOL_MAX</code>	Maximum database pool size	<code>"100"</code>
<code>jboss.MAX_POOL_SIZE</code>	JMS Connection factory pool size	<code>"200"</code>
<code>jboss.JBOSS_PWD</code>	Password for application server console admin user	<code>" "</code>
<code>jboss.console.exposed</code>	Expose the application server console port in the app	<code>true</code>
<code>uxp.debugLogs</code>	Enable UXP debug logs	<code>false</code>
<code>ssl.enabled</code>	Use SSL for the Transact deployments.	<code>false</code>
<code>ssl.filename</code>	SSL certificate file name present in the ssl directory within this chart.	<code>" "</code>
<code>ssl.password</code>	SSL certificate password	<code>" "</code>
<code>ssl.rootCertName</code>	SSL certificate root certificate name	<code>" "</code>
<code>redis.enabled</code>	Use Redis for the TAFJ cache.	<code>false</code>
<code>redis.host</code>	Redis hostname	<code>" "</code>
<code>redis.keys</code>	Redis password	<code>" "</code>
<code>keycloak.api.enabled</code>	Enable Keycloak for the API deployment	<code>false</code>
<code>keycloak.enabled</code>	Enable Keycloak for Transact web and app	<code>false</code>
<code>keycloak.pkencoded</code>	Base64 encoded Keycloak Transact realm public key	<code>" "</code>
<code>keycloak.clientsecret</code>		<code>" "</code>
<code>keycloak.redirecturi</code>		<code>" "</code>
<code>keycloak.issuer</code>	Keycloak Transact realm URL	<code>" "</code>
<code>keycloak.clientid</code>	ID of UXP Browser client in KeyCloak	<code>" "</code>

Parameter	Description	Default
<code>keycloak.principalclaim</code>	Name of Transact sign-on-name user attribute in Keycloak	<code>" "</code>
<code>keycloak.tokenendpoint</code>	Keycloak transact realm token end point URL	<code>" "</code>
<code>keycloak.pkcertencoded</code>		<code>" "</code>
<code>keycloak.authzendpoint</code>	Keycloak Transact realm authorization end point URL	<code>" "</code>
<code>keycloak.logoutendpoint</code>		<code>" "</code>
<code>keycloak.pkjwksuri</code>		<code>" "</code>