Genesys Voice Platform Private Edition Guide

Architecture - Reporting Server

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Introduction

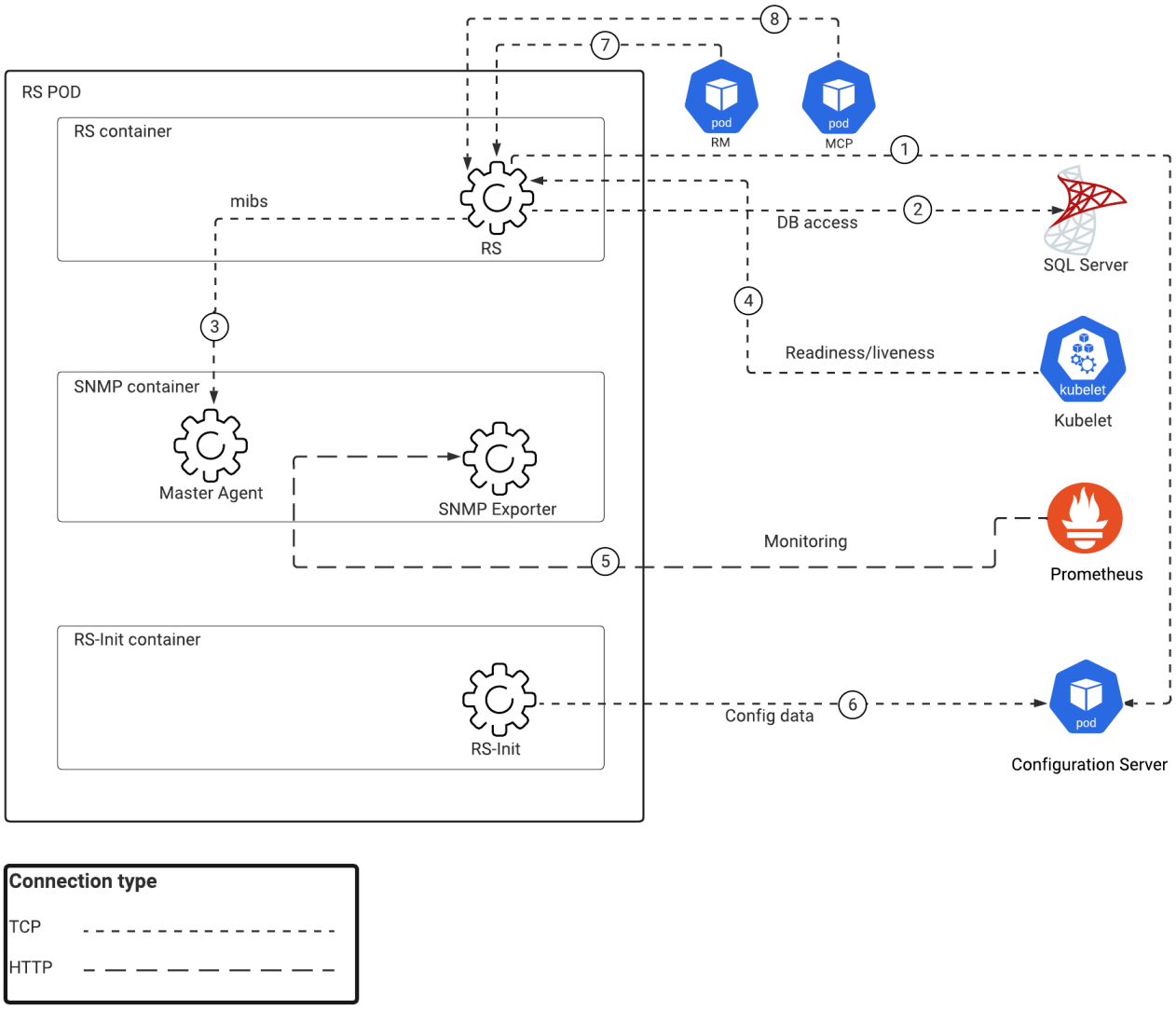
The following diagram displays the architecture for GVP Reporting Server.

For information about the overall architecture of Genesys Multicloud CX private edition, see the high-level Architecture page.

See also High availability and disaster recovery for information about high availability/disaster recovery architecture.

Architecture diagram — Connections

The numbers on the connection lines refer to the connection numbers in the table that follows the diagram. The direction of the arrows indicates where the connection is initiated (the source) and where an initiated connection connects to (the destination), from the point of view of Genesys Voice Platform as a service in the network.



Connections table

The connection numbers refer to the numbers on the connection lines in the diagram. The **Source**, **Destination**, and **Connection Classification** columns in the table relate to the direction of the arrows in the Connections diagram above: The source is where the connection is initiated, and the destination is where an initiated connection connects to, from the point of view of Genesys Voice Platform as a service in the network. *Egress* means the Genesys Voice Platform service is the source, and *Ingress* means the Genesys Voice Platform service is the destination. *Intra-cluster* means the connection is between services in the cluster.

Connection	Source	Destination	Protocol	Port	Classification	Data that travels on this connection
1	RS	Config Server	TCP	8888	Egress	TCP messages. RS connects to configuration server to fetch configuration data.
2	RS	SQL Server	TCP	1433	Egress	TCP messages. RS connection to database.
3	RS	Master Agent	TCP	1705	Egress	TCP messages. RS posts SNMP metric and traps to SNMP MA.
4	Kubelet	RS	TCP	61616 / 8080		61616 for liveness and 8080 for readiness. **Note**: The protocol is not just TCP, but TCP/ HTTP.
5	Prometheus	SNMP Exporter	HTTP	9116	Ingress	HTTP Messages. RS Custom SNMP metric upload to Prometheus.
6	RS-Init	Config Server	TCP	8888	Egress	TCP messages. RS-Init container connects to GVP CS to create RS application.
7	RM	RS	TCP	61616	Ingress	ActiveMQ messages. RM posts billing data to RS.
8	MCP	RS	TCP	61616	Ingress	ActiveMQ

Connection	Source	Destination	Protocol	Port	Classification	Data that travels on this connection
						messages. MCP posts billing data to RS.