

Port(s)	Protocol	Source	Destination	Purpose
54321	TCP	Red Hat Virtualization Manager Red Hat Virtualization Host(s) Red Hat Enterprise Linux host(s)	Red Hat Virtualization Host(s) Red Hat Enterprise Linux host(s)	VDSM communications with the Manager and other virtualization hosts.
54322	TCP	Red Hat Virtualization Manager (ImageIO Proxy server)	Red Hat Virtualization Host(s) Red Hat Enterprise Linux host(s)	Required for communication with the ImageIO daemon (ovirt-imageio-daemon).
6081	UDP	Red Hat Virtualization Host(s) Red Hat Enterprise Linux host(s)	Red Hat Virtualization Host(s) Red Hat Enterprise Linux host(s)	Required, when Open Virtual Network (OVN) is used as a network provider, to allow OVN to create tunnels between hosts.

1.3.4. Database Server Firewall Requirements

Red Hat Virtualization supports the use of a remote database server for the Manager database (**engine**) and the Data Warehouse database (**ovirt-engine-history**). If you plan to use a remote database server, it must allow connections from the Manager and the Data Warehouse service (which can be separate from the Manager).

Similarly, if you plan to access a local or remote Data Warehouse database from an external system, such as Red Hat CloudForms, the database must allow connections from that system.

Important

Accessing the Manager database from external systems is not supported.

Table 1.6. Database Server Firewall Requirements

Port(s)	Protocol	Source	Destination	Purpose
5432	TCP, UDP	Red Hat Virtualization Manager Data Warehouse service	Manager (engine) database server (ovirt-engine-history) database server	Default port for PostgreSQL database connections.
5432	TCP, UDP	External systems	Data Warehouse (ovirt-engine-history) database server	Default port for PostgreSQL database connections.
6442	TCP	Red Hat Virtualization Host(s) Red Hat Enterprise Linux host(s)	OVN southbound database	Connect to OVN database
9696	TCP	Clients of the oVirt external network provider for OVN	oVirt external network provider for OVN	OpenStack Networking API
35357	TCP	Clients of the oVirt external network provider for OVN	oVirt external network provider for OVN	OpenStack Identity API