



Modern Data & AI Platforms for Financial Services with SQL Server 2025, RHEL, and OpenShift

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SQL Server and Red Hat Partnership Highlights



Certified & Production-Ready

- SQL Server 2025 fully certified on RHEL 10 (GA since CU1)
- SQL Server 2022 certified on RHEL 9
- Pacemaker HA Agent v2 for faster, smarter failovers
- cgroup v2 support for precise memory control in containers

Ansible-Powered Automation

- RHEL system roles automate SQL Server install, config & tuning
- Always On Availability Groups setup in minutes, not hours
- Community playbooks for Azure, bare metal, VMware & OpenShift Virt

Validated for OpenShift Virtualization

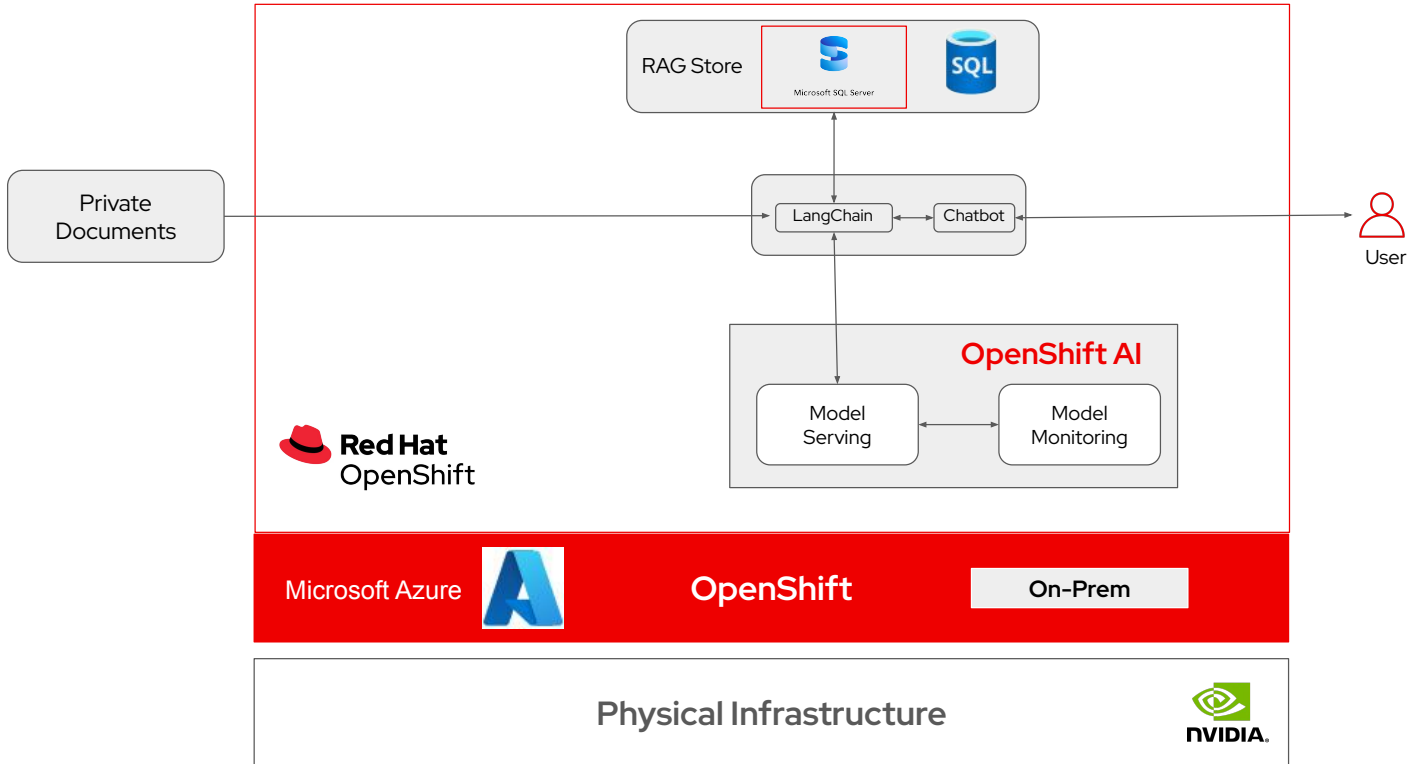
- SQL validated on OpenShift Virtualization via Microsoft SVVP
- Migrate SQL Windows VMs from VMware to OpenShift Virt
- Manage VMs and containers on the same platform
- RAG validated pattern with open-source LLMs on OpenShift + Azure

Deploying SQL Server Your Way



- RHEL
- OpenShift
- Virtualization
- OpenShift Containers
- RAG-based Search

Fully supported RAG LLM on an Azure OpenShift cluster



RAG LLM on an Azure OpenShift cluster

The screenshot displays the Red Hat OpenShift console interface. At the top, the navigation bar includes the Red Hat OpenShift logo, a notification bell with '1', a plus sign, a question mark, and the user 'kube:admin'. A blue banner below the navigation bar states: 'You are logged in as a temporary administrative user. Update the [cluster OAuth configuration](#) to allow others to log in.'

The main content area is divided into a left sidebar and a main panel. The sidebar contains a menu with the following items: Administrator, Home, Operators, Workloads, Networking, Storage, Builds, Observe, Compute, and User Management. The main panel displays cluster metrics and details.

Metric	Current Value	Target/Max Value
Memory	37.89 GiB (149.9 GiB available of 187.8 GiB)	50 GiB
Filesystem	144.8 GiB (3.61 TiB available of 3.75 TiB)	200 GiB
Network transfer	31.92 MBps in / 10.17 MBps out	50 MBps
Pod count	279	400

Below the metrics, the 'Details' section provides the following information:

- Cluster API address:** <https://api.nkaqfok7.eastus.aroapp.io:6443>
- Cluster ID:** 6bc867cd-68bf-488d-8d95-ee4f6e99eed7
- Infrastructure provider:** (partially visible)

A 'View settings' link is located to the right of the details section.



Thank you!

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