

2021-08-26 CIRV Agenda and Minutes

Link: <https://zoom.us/j/95106311750>

Attendees

- Parth Yadav
- Parth Inamdar
- Adarsh Yadav

Meeting Minutes

Development Updates:

- **Adarsh Yadav:** readiness_probe_check, liveness_probe_check and startup_probe_check completed.(merged: <https://gerrit.opnfv.org/gerrit/c/cirv-sdv/+72806>)
- **Parth Yadav:** Added Kuberef Validator with pod_health_check. (merged: <https://gerrit.opnfv.org/gerrit/c/cirv-sdv/+72809>)
- **Parth Inamdar :** New patch(W.I.P.): <https://gerrit.opnfv.org/gerrit/c/cirv-sdv/+72849>

Jira:

- Updated Jira, please have a look at:
- CIRV-52, CIRV-53, CIRV-54, CIRV-55, CIRV-56, CIRV-57, CIRV-58, CIRV-59, CIRV-60, CIRV-61, CIRV-62, CIRV-63, CIRV-64, CIRV-65, CIRV-67, CIRV-68

Intern Updates and Queries:

- CPU Manager:
 - Q: How to configure **full-pcpu-only**?
 - CpuManagerPolicy is supported by kubelet by default and can be configured.
 - For CpuManagerPolicyOptions:
 - It was introduced in this release.(1.22), Currently in Alpha
 - First you need to enable it by adding --feature-gates="CpuManagerPolicyOptions=true" flag to kubelet cmd while restarting it.
 - Just edit /etc/systemd/system/kubelet.service.d/10-kubeadm.conf and in it, then restart it with systemctl restart kubelet.service
 - Then update /var/lib/kubelet/config.yaml with desired configuration
 - remove /var/lib/kubelet/cpu_manager_state file before restarting kubelet(when changing cpu config)
 - Now it should be updated.
- Checkout Kubevirt:
 - Whether Kubevirt is installed and healthy.
- helmv2_disabled check:
 - This check fails if Helm-v2 is being used inside the cluster.
- CNI:
 - multi_interface_pod_enabled check
 - check whether cluster is configured with any metaplugin which allows multi-interface pods.
 - i.e. This check passes if default cni plugin is any one of: multus, danm, genie(<https://github.com/cni-genie/CNI-Genie>)
 - CNI list check:
 - check available CNI against the list provided in PDF file.
- Device Plugins:
 - Check list of device plugins registered with kubelet.
 - Target: <https://kubernetes.io/docs/concepts/extend-kubernetes/compute-storage-net/device-plugins/#examples>