VRA automation with Vsphere Kubernetes.

Once we enable work load management( that would turn the cluster to supervisor cluster)

We know have resource pool called Namespaces( this is going to contain everything)

We see the control planes and Master’s and two above ( represents agents as worker nodes) in the scenario.

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Ste2 : Need to add Vcenter as Endpoint in VRA.

Cloud assembly🡪Infrastructure

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Step 3: we need a Supercluster as a managed Entity in VRA

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You have option to create supervisor namespaces

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You the storage Like (Flash , whichever storage your comfortable) .

Supervisor cluster, and super namespace is creating( add the associate VM classes). Vmclasses is like Tshirt sizing,

With out Vmclasess you can’t the provision TKG clusters

( see the following in Vsphere, You see the development .

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Add the Vm class shown in VMservice( above and below screenshot) .

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Step 6 :Create a Kubernetes Zone

Kubernetes a zone is a placement, Like cloud zone in VRA.

First of all, to Kubernetes

Test Case 1 with Kubernetes zone with Supervised Clusters as additional compute.

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When we go into compute ,

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Kubernetes zone with namespace( add compute)

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7 Add a project

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We can limit the terms of “max number of namespace”

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Imp things are vm classes and Kubernetes zones .

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This way one example is provision manually and other one with template

8) Create a cluster plan( In configure section- Cluster Plan)

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You can modify the details in the plan like how control planes and work nodes networking etc. it supports two CNI( calicio)

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