

【ADNET巡检】检查项名称——检查各POD资源情况

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问题描述

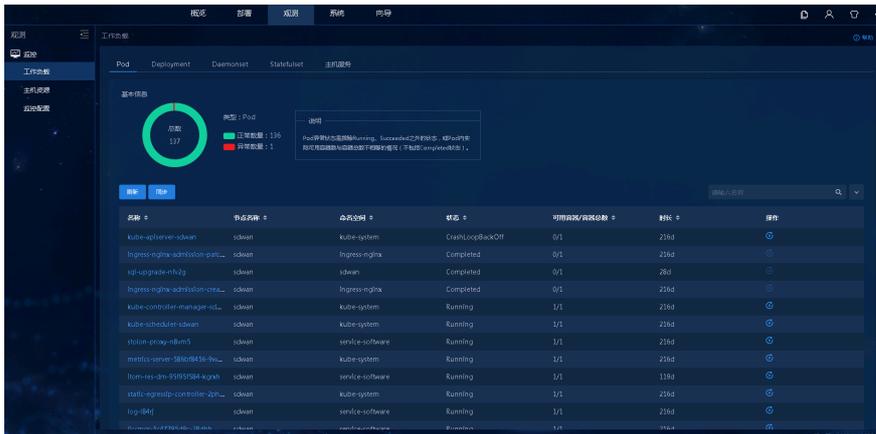
检查各POD资源情况，是否存在资源占用异常的情况。

过程分析

底盘针对不同POD的资源占用情况进行了限制，如果存在资源占用异常的情况，则巡检结果显示异常。

解决方法

1.登录8443页面，检查【观测-监控-工作负载】页签下POD状态是否正常。



2.后台执行hostname，获取当前节点的机器名称，以ronghe-sdn2为例。

```
[root@ronghe-sdn2 ~]# hostname  
ronghe-sdn2
```

3.执行kubectl describe node ronghe-sdn2，查看是否存在资源申请超过POD资源限制的情况。

Namespace	Name	CPU Requests	CPU Limits	Memory Requests	Memory Limits	Age
adwan-system	adwan-mongod-2	1m (0%)	0 (21%)	16Gi (0%)	16Gi (5%)	35d
adwan-system	adwan-node3-7fc9c8b7b-4c7x1	1m (0%)	24 (63%)	2Gi (0%)	64Gi (22%)	35d
campus	campus-help-6dd7b4fb9-zkxxx	1m (0%)	100m (0%)	128Mi (0%)	512Mi (0%)	71d
campus	campus3-f88776758-kwvzv	1m (0%)	0 (15%)	12Gi (4%)	35Gi (12%)	71d
campus	closeloop-fe-deployment-f5fb58-cfnf	1m (0%)	100m (0%)	128Mi (0%)	512Mi (0%)	71d
campus	haproxy-05fc9d54b5-nll6l	1m (0%)	100m (0%)	128Mi (0%)	1Gi (0%)	71d
campus	pxc-node3-549bf6f5bc-wvzgg	1m (0%)	1 (2%)	1Gi (0%)	4Gi (1%)	71d
dc	dc-help-dbb758dc4-hbt7r	0 (0%)	0 (0%)	128Mi (0%)	512Mi (0%)	71d
dc	dc3-55df8cd77-6dmb	0 (0%)	0 (0%)	16Gi (5%)	80Gi (28%)	71d
dc	haproxy-6c564d5688-6jnf9	0 (0%)	0 (0%)	128Mi (0%)	1Gi (0%)	71d
dc	oam-pod-74fbc59475-rnz68	0 (0%)	0 (0%)	1Gi (0%)	4Gi (1%)	71d
dc	pxc-node3-587fb175cf-9llb9	0 (0%)	0 (0%)	2Gi (0%)	4Gi (1%)	71d
dc	relocation-deployment-547cd85867-s7qjk	0 (0%)	0 (0%)	2Gi (0%)	4Gi (1%)	71d
glusterfs-example	gfs-exporter-rjnmq	1m (0%)	200m (0%)	20Mi (0%)	200Mi (0%)	71d
glusterfs-example	glusterfs-7wpmz	5m (0%)	2 (5%)	50Mi (0%)	6Gi (2%)	71d
ingress-nginx	ingress-nginx-controller-5r5w6	10m (0%)	2 (5%)	160Mi (0%)	4Gi (1%)	71d
kube-system	calico-node-9nns5	50m (0%)	0 (0%)	50Mi (0%)	1Gi (0%)	71d
kube-system	coredns-764898bbc-jr5gm	100m (0%)	0 (0%)	70Mi (0%)	170Mi (0%)	49d
kube-system	harbor-master3-8zwx	0 (0%)	0 (0%)	1Gi (0%)	10Gi (3%)	13d
kube-system	kube-apiserver-ronghe-sdn2	250m (0%)	0 (0%)	0 (0%)	0 (0%)	71d
kube-system	kube-controller-manager-ronghe-sdn2	200m (0%)	0 (0%)	0 (0%)	0 (0%)	71d
kube-system	kube-multus-ds-amd64-k6b85	1m (0%)	100m (0%)	5Mi (0%)	128Mi (0%)	71d
kube-system	kube-proxy-9s7tc	0 (0%)	0 (0%)	0 (0%)	0 (0%)	71d
kube-system	kube-scheduler-ronghe-sdn2	100m (0%)	0 (0%)	0 (0%)	0 (0%)	71d
kube-system	kubenab-master-rpkrs	2m (0%)	0 (0%)	10Mi (0%)	128Mi (0%)	71d
kube-system	static-egressip-controller-mqbt	1m (0%)	500m (1%)	5Mi (0%)	128Mi (0%)	71d
monitor	alertmanager-1	1m (0%)	100m (0%)	15Mi (0%)	500Mi (0%)	71d
monitor	custom-exporter-zgpqx	5m (0%)	100m (0%)	10Mi (0%)	100Mi (0%)	71d
monitor	grafana-84d84f7b4-bq7b9	5m (0%)	100m (0%)	40Mi (0%)	250Mi (0%)	49d
monitor	monitor-rs-fb758cb-rq79b	1m (0%)	1 (2%)	128Mi (0%)	1500Mi (0%)	49d
monitor	monitor-us-6c8be99b9-f5wdc	1m (0%)	100m (0%)	2Mi (0%)	200Mi (0%)	49d
monitor	node-exporter-zbpvd	20m (0%)	250m (0%)	10Mi (0%)	180Mi (0%)	71d
monitor	otel-collector-c7zcz	50m (0%)	2 (5%)	256Mi (0%)	3000Mi (1%)	71d
monitor	prometheus-5f5fb55b9-klrnp	11m (0%)	600m (1%)	260Mi (0%)	3172Mi (1%)	71d
sa-algorithm	it0a-aiops-algorithm-worker-5c88bf6448-mqc28	100m (0%)	4 (10%)	100Mi (0%)	2Gi (0%)	71d
sa-algorithm	it0a-aiops-algorithm-worker-5c88bf6448-rpaxf	100m (0%)	4 (10%)	100Mi (0%)	2Gi (0%)	49d
sa-algorithm	it0a-aiops-algorithm-worker-5c88bf6448-rkxhl	100m (0%)	4 (10%)	100Mi (0%)	2Gi (0%)	71d
sa-algorithm	it0a-aiopredict-5cd8d879-p2nqr	600m (1%)	6 (15%)	600Mi (0%)	6Gi (2%)	49d
sa-algorithm	redis-master-2-867c585f74-wgqqw	500m (1%)	2 (5%)	500Mi (0%)	2Gi (0%)	71d
sa-algorithm	redis-sentinel-2-8584ff9976-l286j	0 (0%)	0 (0%)	256Mi (0%)	1Gi (0%)	71d
sa-algorithm	stolon-keeper-rhmlt	1m (0%)	4 (10%)	1Gi (0%)	4Gi (1%)	71d

4.如果存在POD异常情况，请联系二线进行支持。