

Check all the services using a ClusterRole

```
$ kube-lineage clusterrole system:metrics-server --output=wide
```

NAMESPACE	NAME	READY	STATUS	AGE	RELATIONSHIPS
	ClusterRole/system:metrics-server	-		30m	[]
	└─ ClusterRoleBinding/system:metrics-server	-		30m	[ClusterRoleBindingRole]
kube-system	└─ ServiceAccount/metrics-server	-		30m	[ClusterRoleBindingSubject]
kube-system	└─ Pod/metrics-server-7b4f8b595-8m7rz	1/1	Running	30m	[PodServiceAccount]
kube-system	└─ Service/metrics-server	-		30m	[Service]
	└─ APIService/v1beta1.metrics.k8s.io	True		30m	[APIService]
kube-system	└─ EndpointSlice/discovery/metrics-server-wb2cm	-		30m	[ControllerReference OwnerReference]
kube-system	└─ Secret/metrics-server-token-nqw85	-		30m	[ServiceAccountSecret]
kube-system	└─ Pod/metrics-server-7b4f8b595-8m7rz	1/1	Running	30m	[PodVolume]

Check all relationships of a Pod

```
$ kube-lineage pod coredns-5cc79d4bf5-xgvkc --dependencies
```

NAMESPACE	NAME	READY	STATUS	AGE
kube-system	Pod/coredns-5cc79d4bf5-xgvkc	1/1	Running	30m
	├─ Node/k3d-server	True	KubeletReady	30m
	├─ PodSecurityPolicy/system-unrestricted-psp	-		30m
kube-system	├─ ConfigMap/coredns	-		30m
kube-system	├─ ReplicaSet/coredns-5cc79d4bf5	1/1		30m
kube-system	│ └─ Deployment/coredns	1/1		30m
kube-system	├─ Secret/coredns-token-6vsx4	-		30m
kube-system	├─ ServiceAccount/coredns	-		30m
	│ └─ ClusterRoleBinding/system:basic-user	-		30m
	│ └─ ClusterRole/system:basic-user	-		30m
	│ └─ ClusterRoleBinding/system:coredns	-		30m
	│ └─ ClusterRole/system:coredns	-		30m
	│ └─ ClusterRoleBinding/system:discovery	-		30m
	│ └─ ClusterRole/system:discovery	-		30m
	│ └─ ClusterRoleBinding/system:public-info-viewer	-		30m
	│ └─ ClusterRole/system:public-info-viewer	-		30m
kube-system	└─ RoleBinding/system-unrestricted-svc-acct-psp-rolebinding	-		30m
	│ └─ ClusterRole/system-unrestricted-psp-role	-		30m
	│ └─ PodSecurityPolicy/system-unrestricted-psp	-		30m
kube-system	└─ ServiceAccount/coredns	-		30m

Output format to display resources grouped by their type.

```
$ kube-lineage deploy/coredns --output=split --show-group
```

NAME	READY	UP-TO-DATE	AVAILABLE	AGE
deployment.apps/coredns	3/3	3	3	30m

NAME	ADDRESSTYPE	PORTS	ENDPOINTS	AGE
endpointslice.discovery.k8s.io/kube-dns-mz9bw	IPv4	53, 9153, 53	10.42.0.24, 10.42.0.26, 10.42.0.27	30m

NAME	READY	STATUS	RESTARTS	AGE
pod/coredns-5cc79d4bf5-xgvkc	1/1	Running	0	30m
pod/coredns-5cc79d4bf5-rjc7d	1/1	Running	0	30m
pod/coredns-5cc79d4bf5-tt2z1	1/1	Running	0	30m

NAME	DESIRED	CURRENT	READY	AGE
replicaset.apps/coredns-5cc79d4bf5	3	3	3	30m

NAME	TYPE	CLUSTER-IP	EXTERNAL-IP	PORT(S)	AGE
service/kube-dns	ClusterIP	10.43.0.10	<none>	53/UDP, 53/TCP, 9153/TCP	30m