

# Pod Scenarios using Krkn

## Example Config

The following are the components of Kubernetes for which a basic chaos scenario config exists today.

```
None
kraken:
  chaos_scenarios:
    - pod_disruption_scenarios:
        - path/to/scenario.yaml
```

## Copy

You can then create the scenario file with the following contents:

```
None
# yaml-language-server: $schema=../plugin.schema.json
- id: kill-pods
  config:
    namespace_pattern: ^kube-system$
    label_selector: k8s-app=kube-scheduler
    krkn_pod_recovery_time: 120
```

## Copy

Please adjust the schema reference to point to the [schema file](#). This file will give you code completion and documentation for the available options in your IDE.

## Pod Chaos Scenarios

The following are the components of Kubernetes/OpenShift for which a basic chaos scenario config exists today.

Component	Description	Working
<a href="#">Basic pod scenario</a>	Kill a pod.	:heavy_check_mark:
<a href="#">Etcd</a>	Kills a single/multiple etcd replicas.	:heavy_check_mark:

<a href="#">Kube ApiServer</a>	Kills a single/multiple kube-apiserver replicas.	:heavy_check_mark:
<a href="#">ApiServer</a>	Kills a single/multiple apiserver replicas.	:heavy_check_mark:
<a href="#">Prometheus</a>	Kills a single/multiple prometheus replicas.	:heavy_check_mark:
<a href="#">OpenShift System Pods</a>	Kills random pods running in the OpenShift system namespaces.	:heavy_check_mark: