

第

4

节

## 使用Kibana查询日志

# 本课内容

- 演示如何通过Kibana查询日志



# 创建索引模式

Kibana

Management / Kibana

Index Patterns Saved Objects Spaces Reporting Advanced Settings

Create index pattern

⚠ No default index pattern. You must select or create one to continue.

### Create index pattern

Kibana uses index patterns to retrieve data from Elasticsearch indices for things like visualizations.

☐ Include system indices

#### Step 1 of 2: Define index pattern

Index pattern

logstash\*

You can use a \* as a wildcard in your index pattern.  
You can't use spaces or the characters \, /, ?, ", <, >, |.

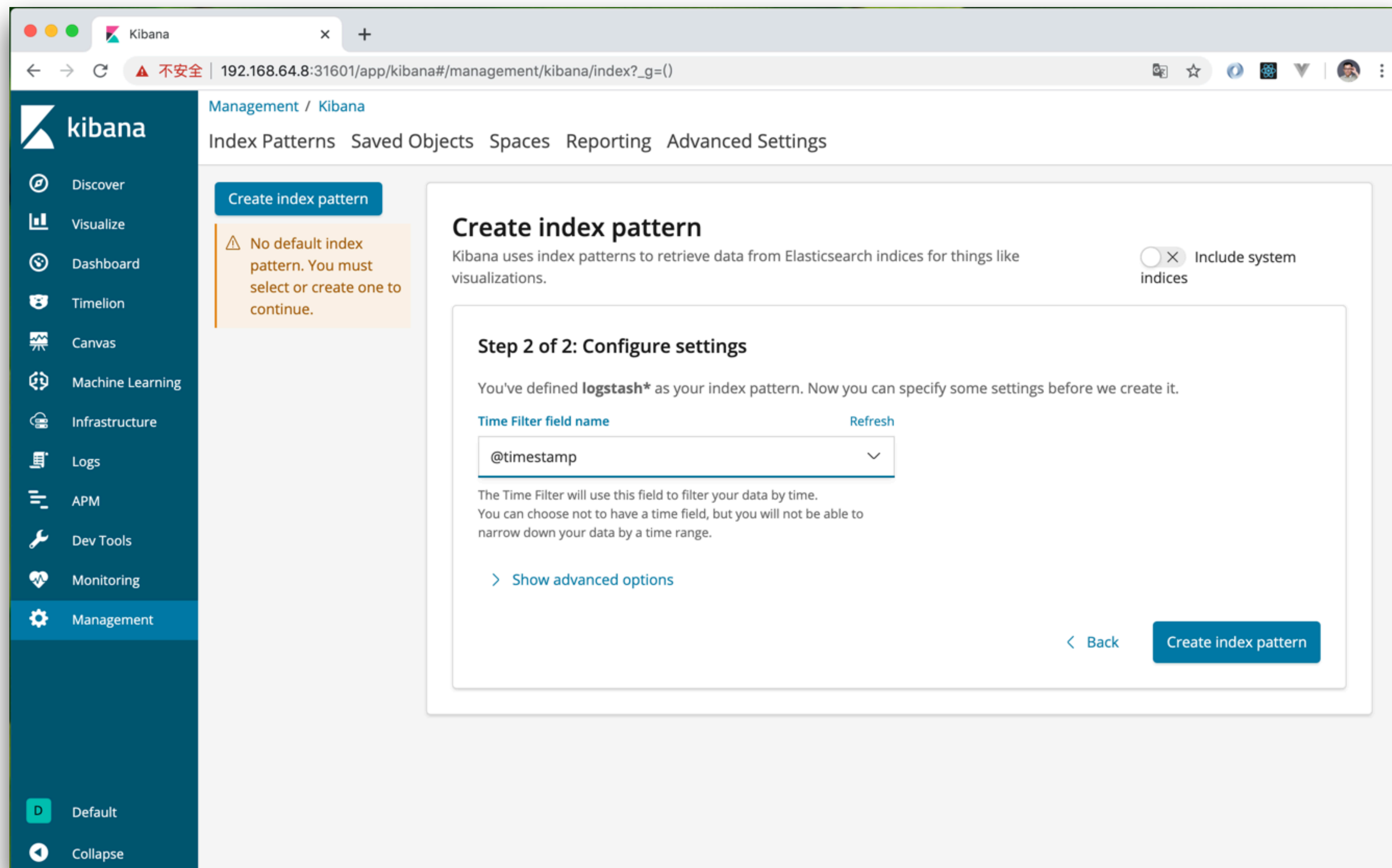
> Next step

✓ **Success!** Your index pattern matches **1 index**.

logstash-2020.01.20
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# 配置时间字段

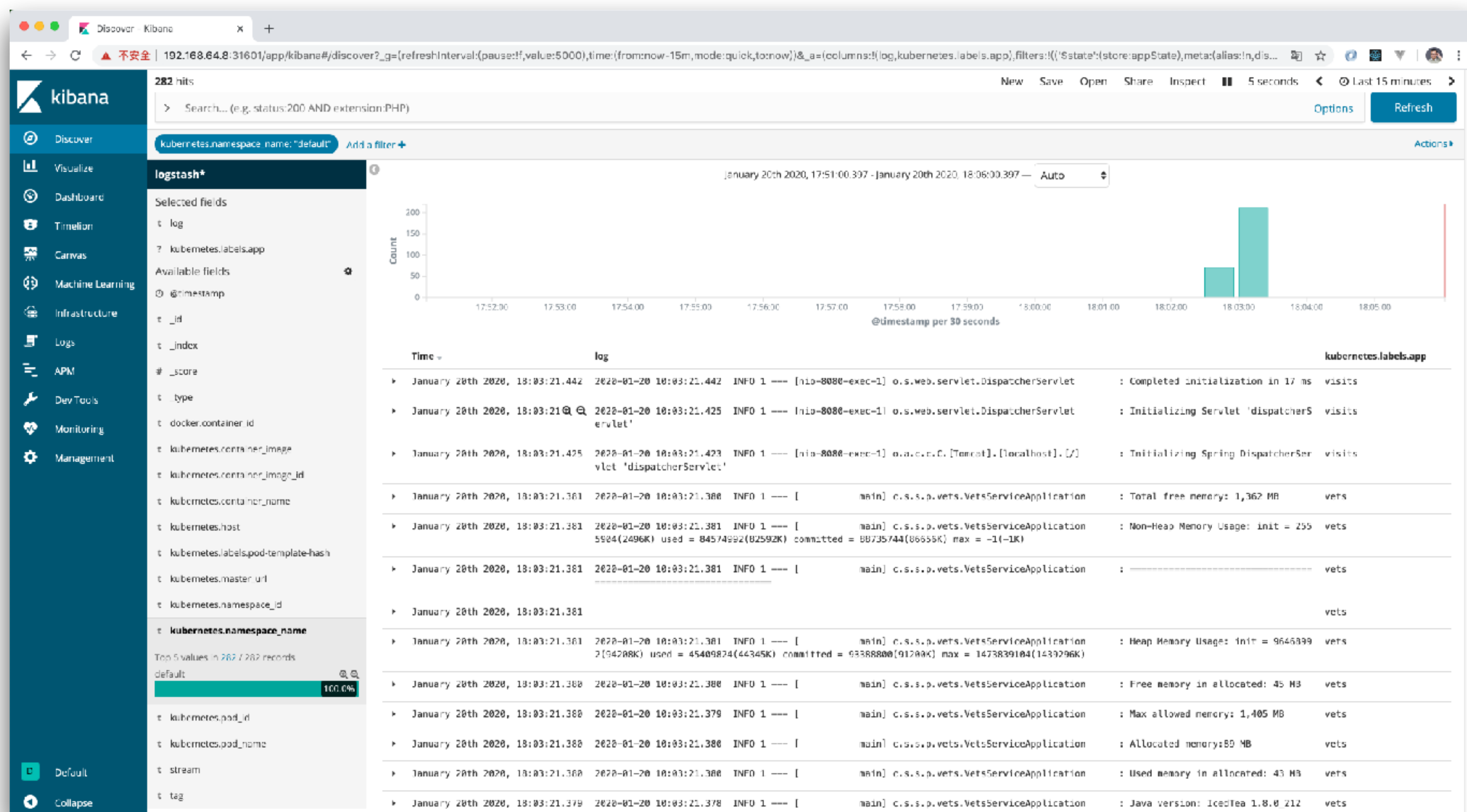


# 发布PetClinic微服务本地版

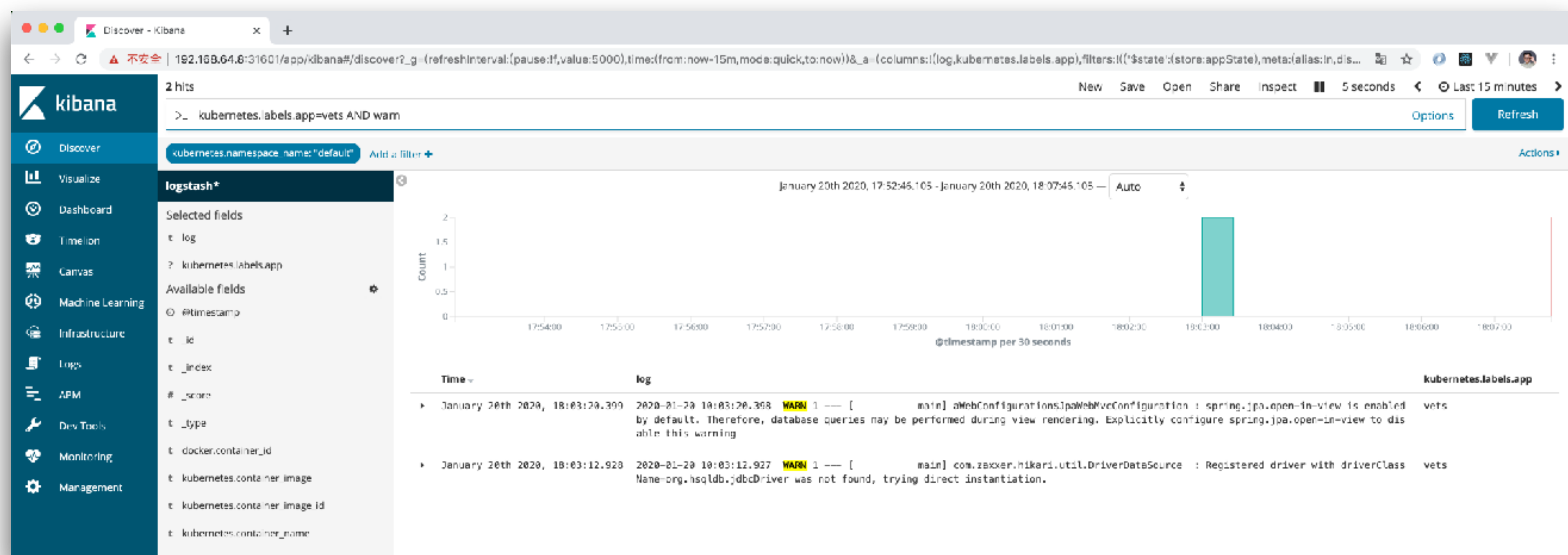
```
1. william@jskill: ~/mydev/github/spring2go/spring-petclinic-msa/k8s/local (zsh)
→ local git:(master) x pwd
/Users/william/mydev/github/spring2go/spring-petclinic-msa/k8s/local
→ local git:(master) x ls
customers-svc.yml gateway-svc.yml ingress vets-svc.yml visits-svc.yml web-app.yml
→ local git:(master) x kubectl apply -f .
deployment.apps/customers created
service/customers created
deployment.apps/gateway created
service/gateway created
deployment.apps/vets created
service/vets created
deployment.apps/visits created
service/visits created
deployment.apps/web created
service/web created
→ local git:(master) x kubectl get po
NAME                                READY   STATUS    RESTARTS   AGE
customers-5468b6f54f-dg9zc          1/1     Running   0           5s
gateway-cf658f568-bxhpg             1/1     Running   0           5s
vets-fd6d6c964-s64nw                1/1     Running   0           5s
visits-58d7dbf5cd-kdm9m             0/1     Running   0           5s
web-7bc7767bbb-c4l6d                1/1     Running   0           5s
→ local git:(master) x
```



# 过滤和选择字段



# 输入查询条件



# 环境清理

```
1. william@jskill: ~/mydev/github/spring2go/spring-petclinic-msa/k8s/local (zsh)
..ction/ch08/02 (kub... %1  ..msa/k8s/local (zsh) %2
→ local git:(master) x kubectl delete -f .
deployment.apps "customers" deleted
service "customers" deleted
deployment.apps "gateway" deleted
service "gateway" deleted
deployment.apps "vets" deleted
service "vets" deleted
deployment.apps "visits" deleted
service "visits" deleted
deployment.apps "web" deleted
service "web" deleted
→ local git:(master) x kubectl get po
No resources found in default namespace.
→ local git:(master) x
```

```
1. william@jskill: ~/csdn/k8s-msa-in-action/ch08/02 (zsh)
..ction/ch08/02 (zsh) %1  ..msa/k8s/local (zsh) %2
→ 02 git:(master) x kubectl delete -f .
deployment.apps "elasticsearch" deleted
service "elasticsearch" deleted
daemonset.apps "fluentd" deleted
serviceaccount "fluentd" deleted
clusterrole.rbac.authorization.k8s.io "fluentd" deleted
clusterrolebinding.rbac.authorization.k8s.io "fluentd" deleted
deployment.apps "kibana" deleted
service "kibana" deleted
namespace "logging" deleted
→ 02 git:(master) x kubectl get all -n logging
No resources found in logging namespace.
→ 02 git:(master) x kubectl get po -n kube-system
NAME                                READY   STATUS    RESTARTS   AGE
coredns-6955765f44-hfm96            1/1     Running   0           128m
coredns-6955765f44-tdmfp            1/1     Running   0           128m
etcd-minikube                       1/1     Running   0           129m
kube-addon-manager-minikube         1/1     Running   0           129m
kube-apiserver-minikube             1/1     Running   0           129m
kube-controller-manager-minikube    1/1     Running   0           129m
kube-proxy-h9zh8                    1/1     Running   0           128m
kube-scheduler-minikube             1/1     Running   0           129m
metrics-server-55c978d97b-thrvh     1/1     Running   1           172m
metrics-server-6754dbc9df-pqfgt     0/1     ImagePullBackOff  0           128m
storage-provisioner                 1/1     Running   2           172m
→ 02 git:(master) x
```



# 本课小结



- 通过Kibana进行集中日志查询
  - 系统/容器/应用日志
  - 标签/过滤/聚合/检索
  - Elasticsearch + Kibana高级功能：作图/Dashboard/Analytics/大数据分析平台