```
      storageClass: logging-storage-datanode
      useDynamicProvisioning: false
  master:
    name: master
    replicas: "1"
  name: elasticsearch
filebeat:
  name: filebeat-ds
  scope:
    namespaces:
    - production
    nodes:
      production: "true"
kibana:
  name: kibana
  install: true
  external:
logstash:
  name: logstash
  replicas: "1"
security:
  ca:
    external:
      certFieldName: ca.crt
      keyFieldName: ca.key
      secretName: elk-ca-secret
    origin: external
  enabled: true
xpack:
  monitoring: true
```

These values should be tailored to meet the requirements. If dynamic provisioning is enabled in the cluster, set `elasticsearch.data.storageClass` to the appropriate storage class name and `elasticsearch.data.useDynamicProvisioning` value to `true`.

In this values file, the `kibana.external` is intentionally left empty, so that Kubernetes will automatically assign a NodePort value from the default NodePort range. At the time of writing, the Helm chart does not support automatic NodePort assignment when deploying through the IBM Cloud Private catalog user interface, due to validation on empty fields. Therefore auto-assignment is only possible by deploying the Helm chart through the Helm CLI.

Additional values not in the `override-values.yaml` can also be assigned using the `--set` parameter in the **`helm install`** command.

5. Deploy the ibm-icplogging-2.2.0.tgz Helm chart using `helm install`, passing the values files created earlier. The values files order is important as Helm will override the values from each file in sequence. For example, the values set in override-values.yaml will replace any values in the default-values.yaml file as priority is given to the right-most file specified.

```
helm install ibm-icplogging-2.2.0.tgz --name app-logging --namespace elk -f default-values.yaml -f override-values.yaml --tls
```

After some time, all resources should have been deployed to the elk namespace. To view all pods in the release, use **`kubectl -n elk get pods -l release=app-logging`**

```
[root@icp-ha-boot cluster]# kubectl -n elk get pods -l release=app-logging
NAME                                      READY     STATUS            RESTARTS   AGE
```