

# Types of Secrets

**Opaque** : This is the **default type of secret**. The secrets whose configuration file does not contain the type statement are all considered to be of this type.

**Service Account Token** : This store **tokens identifying service accounts**. Upon creation of a pod, **Kubernetes automatically creates this secret and associates it with the pod**, enabling secure access to the API. This behavior can be disabled.

**Basic authentication** : These store **basic authentication credentials**, It **must contain two keys – username and password**.

**SSH authentication** : For storing data **necessary for establishing an SSH connection**, This type's data field **must contain an ssh-privatekey** key-value pair.

**TLS** : These Secrets store certificates and the associated keys used for TLS. You need to make sure the **tls.key** and the **tls.crt** keys are included in the data field of the Secret's configuration.

**Docker config** : This stores the **credentials** for a specific **Docker registry** for container images.

**Bootstrap token** : These are **tokens used during the node bootstrap process**, used to sign ConfigMaps

