

ArgoCD

Installation Core Variante

stable getting started

Installation Helm Chart Variante

```
# install argocd via helm and customized values
helm upgrade --install argocd argo-cd \
  --repo https://argoproj.github.io/argo-helm \
  --values values.yaml --create-namespace --namespace argocd
```

values.yaml:

```
# helm override name
nameOverride: argocd

# settings for argocd
global:
  # domain dns name for ingress
  domain: argocd.tuxnet.lab

#
configs:
  params:
    # tls termination is handled on ingress, so the server will run
    # via insecure mode
    server.insecure: true

server:
  # ingress settings
  ingress:
    enabled: true
    annotations:
      # we use the cert-manager for the tls certificates
      cert-manager.io/cluster-issuer: ca-issuer
    # ingressController traefik is used in this lab
    ingressClassName: "traefik"
    # and we use tls termination on ingress level
    tls: true
```

Add OCI Helm Repository

```
argocd repo add registry-1.docker.io/bitnamicharts --type helm --name "Bitnami OCI" --enable-oci
```

Support for selfsigned rootCA

k -n argocd edit cm argocd-tls-certs-cm

Das rootCA hier einfach eintragen

argocd-tls-certs-cm

```
data:
git-0.training.lab: |
-----BEGIN CERTIFICATE-----
MIIDRzCCAi+gAwIBAgIRA04DiGR1GQx8YnDm0+SxJjYwDQYJKoZIhvcNAQELBQA
PTETMBEGA1UEChMKYjEtc3lzdGVtczEmMCQGA1UEAxMddHJhaW5pbmcubGFiIElu
dGVybmxsIFJvb3QgQ0EwHhcNMjUwNTA1MDUwMTAwWhcNMzUwNTAzMDUwMTAwWjA9
MRMwEQYDVQQKEwpMS1zeXN0ZW1zMSYwJAYDVQQDEx10cmFpbmluZy5sYWIGSw50
ZXJuYWwgUm9vdCBDQTCCASIwDQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBAM0p
JoSj+Xgt6mydNUa8DiiT9puWyTm17wL4jRqZszbg/dcXtnnSeBASCX3JGVkdSu5e
ADs4AMND6Cgxy+Uh4Yt0IHqZlB2pTKNqRvD+Xu87VRvUUPkHaZBNwif3gMyCTZ5
b0FgQ/qH/BAJiDONmoGs/anfKs42C27JRzYBqTYzmmngZl4uae/uxEqs/UIIRlqQ
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NZ0NgThq/JjM3U19f1NsQbwIy+aM0Algql1AatJzaKE0+xSK73mpLyDuttrSICt
9tjL/0uT1GXDX0uKHwcCAwEAaNCMEAwDgYDVR0PAQH/BAQDAgKkMA8GA1UdEwEB
/wQFMAMBAf8wHQYDVRO0BBYEFMdfmTamgSMlMCiICSY4QpLkA8doMA0GCSqGSIB3
DQEBCwUA4IBAQCsZ+IZc/fRR04mz9uTQCqMTBADgUA3hWLAVuTQngdl5hZTvCz
FZZpp0/6aC9IZJ7M6fjkxDylw/o6diM4HatLJ915SR94KrUzLjiYAZdLJhoKMjY1
12ZMT2KLjHtzS+ihGiCYPvo8Ms+Dvrpr0bncrtvsSoW0JoL6zlzoi/ffycLfEzC2
4xXnFiggsDL3bQD/u02DIrPJpq0EzhaXnahebN3zBIar48SVa/xcjYGeBCM29BvG
gtOn4ph/PLZQj53N8aIczYDnVyRbWaJoFif+HXWwZIgJoIrr8/jeLLOILuFZ7Vlh
PK1fZFxmPWLJow1iT5A9lSnkquon0IAdnb0o
-----END CERTIFICATE-----
```

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