ArgoCD

Installation Core Variante

stable getting started

Installation Helm Chart Variante

```
# install argocd via helm and customized values1
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+gAwIBAgIRAO4DiGR1GQx8YnDmO+SxJjYwDQYJKoZIhvcNAQELBQAw
    PTETMBEGA1UEChMKYjEtc3lzdGVtczEmMCQGA1UEAxMddHJhaW5pbmcubGFiIElu
    dGVybmFsIFJvb3QgQ0EwHhcNMjUwNTA1MDUwMTAwWhcNMzUwNTAzMDUwMTAwWjA9
    MRMwEQYDVQQKEwpiMS1zeXN0ZW1zMSYwJAYDVQQDEx10cmFpbmluZy5sYWIgSW50
    ZXJuYWwgUm9vdCBDQTCCASIwDQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBAM0p
    JoSj+Xgt6mydNUa8DiiT9puWyTm17wL4jRqZszbg/dcXtnnSeBASCX3JGVkdSu5e
    ADs4AMND6Cgxty+Uh4Yt0IHqZlB2pTKNqRvD+Xu87VRvUUPkHaZBNwif3gMyCTZ5
    bOFgQ/qH/BAJiDONmoGs/anfKs42C27JRzYBqTYzmmngZl4uae/uxEqs/UIIRlqQ
    hlxMd9AF/gllzCPO0+ORug5camt/lT84tzL3mkKs2CMrpa7ZkgpWE0xYXa9Knd1a
    NZONgThq/JjM3U19f1NsQbwIy+aM0Algql1AatJzaKEO+xsKE73mpLyDuttrSICt
    9tjL/0uT1GXDX0uKHwcCAwEAAaNCMEAwDgYDVR0PAQH/BAQDAgKkMA8GA1UdEwEB
    /wQFMAMBAf8wHQYDVR0OBBYEFMdfmTamgSMlMCiICSY4QpLkA8doMA0GCSqGSIb3
    DQEBCwUAA4IBAQCsZ+IZc/fRRO4mz9uTQCqMTBADgUA3hWLAWVuTQngdl5hZTvCz
    FZZppO/6aC9IZJ7M6fjkxDyWx/o6diM4HatLJ9l5SR94KrUzLjiYAZdLJhoKMjY1
    12ZMT2KLjHtzS+ihGiCYPvo8Ms+Dvrpr0bncrtvsSoW0JoL6Zlzoi/ffycLfEzC2
    4xXnFiggsDl3bQD/u02DIrPJpq0EzhaXnahebN3zBIar48SVa/xcjYGeBCM29BvG
    gtOn4ph/PLZQj53N8aIczYDnVyRbWaJoFif+HXWwZIgJoIrr8/jeLLOILuFZ7Vlh
    PK1fZFxmPWLJow1iT5A9lSnkquonOIAdnb0o
    -----END CERTIFICATE-----
```

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