# NFS Problem

<https://stackoverflow.com/questions/56950117/when-using-nfs-volume-container-not-starting-in-kubernetes>

https://www.iditect.com/how-to/52751725.html

<https://vitux.com/install-nfs-server-and-client-on-ubuntu/>

<https://linuxconfig.org/how-to-set-up-a-nfs-server-on-debian-10-buster>

<https://www.frakkingsweet.com/nfsv4-kubernetes-nfs-client-provisioner/>

<https://stackoverflow.com/questions/52617912/kubernetes-nfs-mount-options>

<https://stackoverflow.com/questions/62997950/no-such-file-or-directory-when-mount-nfsv4-from-kubernetes-pod>

<https://wiki.debian.org/NFSServerSetup>

<https://cloud.netapp.com/blog/kubernetes-nfs-two-quick-tutorials-cvo-blg>

<https://matthewpalmer.net/kubernetes-app-developer/articles/kubernetes-volumes-example-nfs-persistent-volume.html>

<https://github.com/kubernetes/examples/tree/master/staging/volumes/nfs>

<https://github.com/kubernetes-sigs/nfs-subdir-external-provisioner/issues/25>

nfs without Kerberos

<https://help.ubuntu.com/community/NFSv4Howto>

<https://blog.philippklaus.de/2009/02/nfs-v4-without-kerberos>

https://unix.stackexchange.com/questions/263331/debian-jessie-start-rpcbind-and-nfs-common-at-boot-with-systemd

# Technology Subjects

## Trutzbox

trutzbox.forum

## Kubernetes

Prometheus – Grafana – Elastic Search – Kibana – Fluentd

## Hyper-V

instead of VM-Ware and Virtual Box

## Go Language

templating for texts, HMTL, and Helm charts

source code for Kubernetes

## Python / Django / oTree

django-marcador – Django template language

Pyhton plug-in’s for VSC

## Steven Evers

configuration management

component re-use

## Infrastructure as Code

terraform

mandala

## DevOps

Eiffel: CI/CD context tool

## Organizations

Creative Commons -- creativecommons.org

CNCF – cloud native compute foundation

CNTT

CDF – continuous delivery foundation

# Misc

ARM: Artifactory Resource/Repository Management

GHJ retirement benefits: 229.30 (errechnet 2016)

Reza Sheraghi birthday: 09/23/19xx

Excel Immobilien Rechner (wollen personenbezogene Daten)

oTree: ohmann / tophan! / Ubuntu 18.04.4 – Bionic

Kari Kinnunen – Robot presentation

Michis Schokoatelier,  
[www.michis-schokoatelier.de](http://www.michis-schokoatelier.de/),  
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[www.chocolissimo.de](http://www.chocolissimo.de),  
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Tel: 069 254 271 27,  
Fax: 069 975 392 680,  
Eschborner Landstr. 55, 60489 FFM

# Reading

Structure and Interpretation of Computer Programs  
(MIT Electrical Engineering and Computer Science)  
by Harold Abelson, Gerald Jay Sussman, Julie Sussman  
ISBN 0262510871 (ISBN13: 9780262510875)

Computing in Communications Networks  
Frank Fitzek, Patrick Seeling, Fabrizio Grenelli

AI Superpowers,  
Kai-Fu Lee

The Age of Surveillance Capitalism  
Shoshana Zuboff,  
Profile Books, Jan 2019

# Key Ericsson Personnel

## BMAS / ADP /ADM

Adin Seskin

## ECDE Product

Rob Gerard

## SWDP CDD Development

Eric Thorsell

Mats Lindén B

Torsten Dinsing

Vanessa Fränkel

Fredric Palmgren

John McIntyre

Jim Dumont

## SSPS2.0

Bo Andren

Andreas Corsman

Stacey Yu

Cai (Bill) Zesi

## Rosetta and MANA

Mitch Stein

Yoga

## Indian Testing Center

Shalini Khurama

## Product Automation

Hugo Rito (NFVI)

Raymond n.n. (NFVI)

Brett Kofoed (CDD)

Robert Dunbar (OSS)

Pia Andréasson (Packet Core)

## AAT Development

Kai Yang

Kenneth Barasciutti

## MELA ISD

Guiliano Picussa

Celso Junior

Filiberto Pagani

## Docker and Kubernetes Contacts

Axel Biesdorf

Bernd Schmidt

Zoran Miliç

Milan Miliç

## Other

Lars Hagberg

Sylvia Munoz

Chen Tao

Andreas Blank

Brian O’Toole

# SW Automation

## Service L-o-E Estimates

Yoga, MANA: EVNFM and ENM deployment estimates

## Testing

Cucumber – ‘Gherkin’ syntax for test-case specification

PyTest

Rocket server

Robot Presentation – Kari Kinnumen

### General Testing Concepts

testing builds customer confidence in the quality of the delivered SW

testing needs to be flexible and adapt to different environments, network topologies, and services mixes

#### Rigorously Specified Suite of Tests

differentiate between test-cases for initial and sub-sequent deployments

##### Imature Code

Build Verification Testing

##### Mature Code

Smoke Testing to start

Regression Testing to conclude

##### Production Ready Code

Smoke Testing

Sanity Testing

Regression Testing

### Live Testing (testing in production) – review last Concordia reports

motivation

consideration for multiple environments

problem set: interference / degradation of service

#### Testing in the lab, Canary, or production

#### derivation of testing KPIs

alternatives for deriving them

use of simulation

semantics of thresholds

#### the need for automated test evaluation

sheer volume of test cases

pre-qualification of test results

decision guidance

decision making

##### role of closed-loop control

### Xtesting demo

install xtesting

install micro-Kubernetes

#### Rosetta

Sonar Qube w/ code smells

NodeRed ???

#### UTP

verify K8s test cases

CI/CD services

#### Gravity

Spinnaker API tests

## SWDP CDD Topics

„searching for triggered pipeline execution” – Spinnaker

## Rosetta Related

trello

rally

## LegaL Requirements

period check of what is installed

consistency with ‘source of truth’

‘mission critical’ components

## Versioning (see PlantUML drawing)

### conceptual items

parameters always refer to a config item

test target a config item

range of versions existing side by side

major / minor / patch – version / release / patch

SW upgrade/udate cadence: lab every month, commercial quarterly

### administrative subjects

a part has a number and a version

the internals of a part are hidden

a part advertizes its changes

users of a part need to subscribe

modules need to comprise parts lists and assembly instructions

check against MUNIR and PRIM

# eSAFE

When in doubt, model it out

# Sayings

You need to look good if that is all one is capable of.  
(Gut aussehen muss nur, wer sonst nichts kann)

# Meeting Notes

## OMC Orchestration Conversation

scenarios focus on re-use of existing VNF deployment flows

all products except PCC/PCG will be handled using manual installation

document working assumptions

# Knowledge Management

## Notes Taking

MS/Notepad, MS/OneNote

xMind (Windows, MacOS, iPhone)

MS/Office applications

## WebSite Storage w/ Browsers

MarkUp documents

Browser Favorites

## iOS / MacOS Applications

### Things

### (S) Notebook

S – static, few changes

D – dynamic, frequent chages

cloud, desktop, iPhone

#### (S) Category

##### (D) Page

Text Notes

ToDo Items

# Abbreviations

CMHA – continuous monitoring and high availability

OVSDB

OWASP – ‘open web application security’ protocol

SAN – storage area network

CEE – [Ericsson] cloud execution environment / engine

CCM – [Ericsson] command center management

CSC – [Ericsson] cloud SDN controller

CSS – [Ericsson] cloud SDN switch

DMS – Deployment Management Server

NFVI – [Ericsson] network function virtualization infra-structure [solution]

ECM – Ericsson cloud manager

EMC – [Ericsson]

## OpenDaylight

CSC --

ECN –

SDS – SW defined storage

UIM – [Ericsson] Unified Infra-Structure Manager

## OpenStack (Neutron / Ussuri)

NUMA –

DPDK –

SRIOV –

# Bruchsal

## Zustimmung einholen

## Neue Wohnung finden

## Mietvertrag eingehen

## Haus sichten

## Einrichtung umziehen

## Restbestand entsorgen

## Makler suchen

## Haus Exposé erstellen (Fotos, Beschreibung, andere Unterlagen, usw.)

## Haus bewerben

## Interessenten verifizieren

## Notarvertrag aufsetzen lassen

## Kaufpreis Mittel stehen bereit

## Vertrag unterschreiben