

Free Software Servers

Just another Linux/Server blog.. with some other stuff thrown in - 100% NOT FOR PROFIT



Android

- Android Downloads
- Flashing Files on Android
 - ADB - Android Developer Bridge
 - Push Files via ADB to Android Device
 - Dirty Flashing Steps
 - Fastboot
 - Device not recognized in Fastboot/Recovery - "Android" in Device Manager
 - Fastboot Commands
 - Fastboot Flash for Each IMG
 - Flashing Google Stock Images
 - TeamWin - TWRP
 - Flash TWRP
 - Store file where TWRP can access without mounted SD Card
- General Android
 - Control Kodi From Android
 - Create Chrome Bookmark Widget - Old Widget Disappeared
 - Fix No Live Stream in ZMNinja
 - Remove USB plugged-unplugged & Low Battery Sound - TouchWiz
- Pixel XL Marlin
 - Complete Pixel XL Marlin Flash Guide - SuperSU (Root) - TWRP - Elemental Kernel - Pure Nexus ROM
 - Flash Android 9.0 Pie on Pixel XL Marlin - Using Magisk for Root and Custom Kernel
 - Pixel XL Marlin - Android 8 (Oreo) - Flash Magisk - TWRP - ElementalX Kernel - Systemless Root
- Root - Android
 - Magisk SU - Android Root

API - Application programming interface

- POST to API via CURL JSON File

Atlassian Software

- Backup Atlassian Software with Script - DB Dump - TGZ
- Bamboo
 - Install Bamboo - Ubuntu Server 14
- Confluence
 - confluence[####]: Existing PID file found during start.
 - Confluence HTTPS SSL Reverse Proxy via NginX
 - Copy {nofomat} code from Jira to Confluence - Wiki Markup
 - Enable Custom Backup Locations
 - Error Importing Confluence Site - duplicate key value violates unique constraint "unq_lwr_username"
 - Normalize Confluence Download URLs for WGET
 - Redirect ALL HTTP 404 Error Pages in Confluence to Custom URL
- Default Confluence Folder Locations
- Install Atlassian Software - Confluence - Jira - Linux Script
- Install Confluence - Docker-Compose
- Jira Software
 - Install Jira - Ubuntu Server
 - Jira HTTPS SSL Reverse Proxy via NginX
 - Locked out of Jira Software - Gain Access via Command Line - CLI

Caddy - WebServer

- Create Caddy SystemD Startup Script
- Proxying Windows Admin Center via Caddy

CentOS - RHEL - SL - SHMZ

- CentOS 5
 - AsteriskNOW - Module Admin - This Section does not Exist
 - Manually Upgrade FreePBX 11 to 12 via CLI - AsteriskNOW 1.7
 - Upgrade PHP 5.1 to 5.4 - CentOS 5
- CentOS 6
 - CentOS 6 General
 - Install AARCONF CentOS 6
 - Install Python Setuptools and LXML in CentOS 6
 - Upgrade to PHP v 5.4 on CentOS 6
 - HA High Availability - CentOS 6
 - Install PaceMaker + Corosync - HA - on FreePBX 10 - SHMZ release 6.6 (Final) - CentOS 6
- CentOS 7
 - CentOS 7 General
 - Add User to Sudoers in CentOS 7
 - Change CentOS 7 eno back to eth0
 - Create Virtual - Alias - NICs - CentOS
 - Enable-Install IFConfig CentOS 7
 - Install Apache2 - CentOS 7
 - Install IPTables CentOS 7
 - Install LAMP CentOS 7
 - Install MySQL - CentOS 7
 - Install UFW CentOS 7
 - NTP Not Enabled according to TimeDateCTL - CentOS 7
 - Set default text editor to Nano - Edit Crontab with Nano - CentOS 7
 - sudo: sorry, you must have a tty to run sudo - CentOS 7
 - High-Availability (HA) - CentOS 7
 - 3rd Party Guides for HA CentOS 7
 - Add Asterisk LSB Resource to HA - Pacemaker Cluster - CentOS 7
 - Add FOP2 LSB Resource to HA - Pacemaker Cluster - CentOS 7
 - Add Init.d LSB Script to PaceMaker - Corosync Cluster - PCS
 - Asterisk DRBD - HA with Pacemaker - Setup
 - Commands And Alias's
 - Destroy Cluster - Start Fresh
 - Enable PaceMaker - Corosync Cluster on Boot
 - If Service isn't running - Stop Cluster - Script
 - PCS Cluster Auth Fails - Error: Username and/or password is incorrect
 - PCS - Tips n Tricks - Constraints - Delete Resources
 - Setup HA Cluster Pacemaker - Corosync - DRBD - MySQL (MariaDB) - Apache (HTTPD) - Data Partition
 - Cluster Master Layout
 - Configure ClusterMon - Cluster Status HTML Page - SMTP Notifications
 - Configure ClusterMon - Event Notifications
 - Configure Group Start - Stop Order and Colocations
 - Create SQL-Group Pacemaker Resource - DRBD Clone - SQL Service
 - Create Virtual_IP or Floating_IP resource
 - Explore RHEL Management Web-Interface
 - Initialize DRBD - Migrate SQL Databases - MariaDB - CentOS 7
 - Initialize DRBD - Migrate Web-Data - Apache (HTTPD) - CentOS 7
 - Initialize Partitons for DRBD - CentOS 7
 - Initiate Apache Resource Group
 - Initiate HA Cluster - CentOS 7
 - Install DRBD 8.4 - CentOS 7
 - Using CIB to backup-import and examine the Cluster as an XML/CIB File
 - View Available PCS Resources
 - VoIP (Voice over IP)
 - FreePBX + Asterisk
 - Asterisk 11 + FreePBX 12 - CentOS 7
 - IncrediblePBX
 - Change IncrediblePBX Fail2Ban E-Mail
 - IncrediblePBX Backup and Restore scripts
 - Install - Enable - Commercial Modules - IncrediblePBX
 - CentOS General
 - Disable SELinux - CentOS
 - Fix Intel Gigabit Card 82574L Missing from CentOS
 - Install and Configure Fail2Ban - CentOS
 - Install epel-release Repository in CentOS
 - RPM Remove package without remove Dependancies - Yum - Script
 - Cockpit - Server Management WebUI
 - Add Virtual Machine control to Cockpit
 - Reverse Proxy Cockpit over NGinX

- Setup Cockpit on Fedora
- Setup SSL with Cockpit
- Fedora Server
 - Install EPEL Repo - Fedora Server
- FreePBX Distro 7 (Based of RHEL 7 - SL 7)
 - Install FreePBX Distro 7 - Sangoma 7 - Without LVM or Automatic Disk Partitioning or on Removable Disk (Adaptec 6405e)
 - Remove MariaDB 5.5 from FreePBX Distro 7 and Upgrade to MariaDB 10 with Galera
 - Use Grub2-Reboot on FreePBX Distro 7 SNG7
- Yum Package Manager
 - Exclude Package from Yum Update - Temp and Perm solutions
 - Update CentOS Cache - yum check-update

Code Version Control

- Git
 - Checkout Specific GIT Branc
 - Git-Daemon Ubuntu 16.04 - Init Script
 - GitLab
 - Install GitLab Ubuntu 16
 - Install CGit Ubuntu 16.04

Custom Grub Entries

- CloneZilla Grub Entry
- Create Grub2 config w Partition /dev/ vs UUID - CentOS
- Parted Magic Custom Grub Entry - 2013 - 2015 - 2016 - Ubuntu - CentOS
- Reinstall Grub 2 - CentOS
- Ubuntu Custom Grub

Customize LiveISO's

- Basics of Creating a LiveISO
- Customize CloneZilla LiveISO
- Customize Parted Magic LiveISO
 - PMagic mkgriSO Script - UnTouched
- Customizing Ubuntu LiveISO
 - RemasterSys
 - Create LiveISO from Running Ubuntu System (14.04 x64)
 - Install Remastersys - Ubuntu 14.04 x64
 - Skip Try It before Installing Screen - Ubuntu Desktop 14.04

DBA - Structured Query Language (SQL)

- General SQL
 - .my.cnf variables
 - Allow Remote Access MySQL - MariaDB
 - Check for locked tables - Show Process list - MySQL
 - Create SuperUser MySQL
 - Dump All Databases - MySQL
 - Duplicate entry '0' for key 'PRIMARY' - MySQL
 - Fake MySQL Test Data
 - Find if Table has Primary Key
 - Find Last Update Time for MySQL Table
 - Find Size of All Databases in MySQL in MB
 - Insert CSV into MySQL Table
 - Migrate Users and Permissions - MySQL - MariaDB
 - Monitor MySQL Import after it starts
 - MySQL Check if Field is NOT NULL or EMPTY
 - Select Field by length MySQL
 - Select from where daterange relative to now() in MySQL
 - Set and Select 'max_allowed_packets' via CLI
 - Set mysql root PWD to Blank
 - User Permissions MySQL Queries
- MariaDB
 - CentOS - MariaDB
 - Configure Galera Cluster - MariaDB 10.1 - CentOS 7
 - Configure GARB D - MariaDB - CentOS 7
 - Export and Import Databases from MySQL to Galera Cluster
 - Install MariaDB 10.1 - CentOS 7
 - WSREP: no nodes coming from prim view, prim not possible
 - General MariaDB - MySQL
 - Check Cluster Size
 - Maria Repo Generator URL
 - MariaDB - Docker
 - Install MariaDB - Docker
 - MariaDB Docker Container Arguments - Full
 - Migrate from local to MariaDB Docker Conatiner
 - Ubuntu - MariaDB
 - Install MariaDB Ubuntu
 - MariaDB Galera Cluster - Ubuntu 16
- MySQL

- Comments Removed - Default My.CNF - Ubuntu 14 Default
- Execute MySQL Command from CLI
- Import SQL Dump via ZCat
- Install MySQL 5.7 on Ubuntu 14
- MySQL - Docker-Compose Example with Option Arguments
- MySQL - Replication Setup Scripts
- Test Remote SQL Access
- PostgreSQL
 - Create User - PostgreSQL CLI
 - Default PG_HBA.conf
 - ERROR: must be owner of extension plpgsql
 - Install PostgreSQL in Docker
 - PostgreSQL - Change Port - Listen Address
 - PostgreSQL - CLI Usage
 - PostgreSQL - Setup Master Server - Replication
 - Use IP Address in PG_HBA.CONF
 - Using PGPass to script PostgreSQL
- SQL - GUIs
 - Install CloudBeaver
 - CloudBeaver - Predefined Data Sources
 - Install DBeaver
 - DBeaver - Data-Sources.json
 - Install OMNIDB
 - Install PGAdmin
 - Install PHPMyAdmin - Package Managers
 - Install PHPMyAdmin - Docker
 - Install PHPPGAdmin

DD-WRT

- General DD-WRT
 - Backup or Restore DD-WRT NVRAM.Bin over SSH
 - Change Country Code in DD-WRT Router - Unlock ALL Channels
 - Create Samba/SMB Share - DD-WRT V3
 - Custom DDNS - DD-WRT - CRON - WGET
 - Edit DNSMasq.conf from DD-WRT Command Line - CLI
 - Enable SSH to DD-WRT with RSA Key
 - Find Kernel and GCC version - DD-WRT
 - Increase Wireless Signal Strength in DD-WRT Router
 - Resolve Internal Domain Name on DD-WRT Router
 - Restart DNSMasq DD-WRT Command Line
 - Set Static IP in DD-WRT Router
 - Set up OpenVPN on DD-WRT using Ubuntu Server OpenVPN keys
 - Unmasq DD-WRT Sys-Info MAC Address
 - View All Network Interfaces DD-WRT CLI
 - Wireless Repeater Bridge - DD-WRT
- Linksys EA-6500
 - Enable Cisco Light Linksys EA6500
 - Install DD-WRT on Linksys EA6500
 - Resolve Two 2.4Ghz NICs DD-WRT - Linksys EA6500
 - Restore Linksys EA6500 Firmware - Bricked - Using TFTP

Docker

- Autostart Docker Container - SystemD Service Unit Example
- Docker Bind Container and Host Dir
- Docker Container IP to Variable
- Docker - Copy Files to and From Host
- Docker - Dont Auto Start Service - Profiles
- Docker Execute Script in Container
- DockerFile - Custom Containers
 - Basic DockerFile Creation
 - Docker CP
 - DockerFile - SupervisorD - Multiple Services in Docker Build
 - Keeping Container Running
 - Run Container from DockerFile - Docker Image
 - Run or Build - DockerFile - Via Docker-Compose
- Docker General Commands
- Docker - Installation
 - Configure Docker behind Corp Proxy
 - Docker - Install Template
 - Install Docker via APT
 - Install or Update to Latest Docker-Compose Script
- Docker Port Mapping
- Docker Volume Mapping
- Install Portainer - A Docker WebUI - via Docker

E-Mail - Linux

- MSMTMP - Ubuntu - CentOS
- PostFix - Ubuntu - CentOS

- Setup Postfix Relay in Docker Container
- Setup PostFix Satellite Relay System - WAN VM & LAN VM Configuration
- Send E-Mail via Command Line CLI - Linux
- SSMTP - Ubuntu - CentOS

Emulators

- YuZu - Switch Emulator
 - Adding Mods to Game - YuZu
 - Setup YuZu Emulator - Portable
 - Vulkan vs OpenGL - YuZu
 - XCI vs NSP - YuZu Performance
 - YuZu - Graphics Options
 - Zelda - Links Awakening - YuZu Setup

Filesystems

- MDADM
 - Destroy MDADM Array
 - MDADM MD0 Configuration - RAID 5 with existing data - Creating Degraded Array + Adding Disk to Mdadm
 - Migrate MDADM to new Server
- MergerFS
- MHDDFS - Multi-Hard Drive Disk Filesystem
 - Setup MHDDFS - Ubuntu
- ZFS
 - Check if ZFS Pool is Mirror or Stripe
 - Create RAID-Z Pool with 3 Drives
 - Create ZFS Raid Mirror with One Disk - Degraded - Missing
 - Disable ZFS at Boot
 - Grow or ReSize - ZFS Partition - Pool
 - Rename ZFS Pool
 - Use ZFS Inside Docker Container - FileServer Container with SMB and NFS
 - ZFS Convert or Change from /dev/sdb to /dev/disk/by- Unique Identifier
 - ZFS Notes
 - ZFS Remove Device
 - ZFS - Two Mirrors - One Pool
 - ZPool - ZFS - Set - Check Properties

Guacamole - Clientless Web Based Remote Desktop

- Connecting to Windows via RDP - Guacamole
- Remote Desktop - Linux - HTML5 - Guacamole - Docker-Compose

Home-Security

- Agent DVR - iSpy - Docker
- Motion and MotionEye - Docker Install Guide
- Shinobi - Home-Security - Docker Install
- ZoneMinder
 - Camera Configuration - ZoneMinder
 - Configure QCAM IP3M952E for ZoneMinder - RTSP
 - Dahua IPC-HFW4300S
 - Configure Dahua Chinese WebUI in English
 - Configure Dahua IPC-HFW4300S for ZoneMinder
 - Remove Dahua Video Overlay Time Date and Camera Name
 - FosCam
 - Configure Foscam FI9821W V2 - ZoneMinder - PTZ
 - GenBolt IP Camera
 - GenBolt - RTSP URL
 - Install ZMNinja inside Browser - ZoneMinder WebUI
 - Install ZoneMinder - Ubuntu
 - ZoneMinder Configuration
 - Check ZoneMinder Camera State via CLI
 - Configure E-Mail notifications from ZoneMinder with MP4 Attachments
 - Enable Control Tab ZoneMinder
 - Event trigger on Camera A triggers Event on Camera B - Linked Monitors ZoneMinder
 - Fix - "Config mismatch, expected 225 items, read 224. Try running 'zmupdate.pl -f' to reload config." - ZoneMinder
 - General ZoneMinder Zone Configurations
 - Ping Cell IP and Set ZoneMinder Mode - Bash Script
 - Preferred RTSP method in ZoneMinder - Force TCP - Stop Smearing/Tearing
 - Schedule MoDect with ZoneMinder for Daytime/Nighttime and Weekend /Weekend
 - Setup Events and Images locations - ZoneMinder
 - ZoneMinder default storage location for events & images
 - ZoneMinder default web folder location
 - ZoneMinder Functions Explained
 - ZoneMinder - TimeStamp Label Format
 - Install ZM - ZoneMinder via Docker

HyperVisors

- Hyper-V
 - Change Ownership of Hyper-V VM
 - Convert VMDK or OVA to VHD
 - Disable Hyper-V from Auto taking control of VTx HyperVisor at boot
 - Linux Guests - Hyper-V
 - Install Hyper-V Integration Services - Guest Tools
 - Install Hyper-V Integration Services - Guest Tools - CentOS/RHEL
 - Integration Services - Ubuntu Debian - Hyper V - Apt-Get
 - Transfer Files to Linux Guest - Hyper-V
 - Windows Server Guests - Hyper-V
 - We Couldnt Complete the Updates Undoing Changes Error on Windows Server 2012 R2
- KVM - Kernel-based Virtual Machine
 - CentOS- KVM
 - Setup KVM for CentOS 7
 - Fedora
 - Install Kimchi HTML5 KVM Manager - Fedora 27
 - Install Kimchi HTML5 KVM WebUI - Fedora Server
 - Install Virtualization Suite - Fedora
 - Install WOK Fedora Server
 - KVM NVidia GPU Passthrough on Fedora 27
 - Setup br0 in Fedora27 with nmtui
 - General KVM
 - Add Qemu Command Line Args to Domain XML LibVirt - Virsh
 - CPU Pinning on KVM for Windows 10 Gaming Guest
 - Find IP of KVM Guest attached to br0 Bridged NIC
 - Find Qemu CLI Commands used to Start Guest
 - Hide the fact Windows is running in a VM - Virtual Machine - with KVM
 - KVM Passthrough BluRay drive directly to VM
 - Prep Linux OS for GPU Passthrough - Blacklist nouveau and use vfio-pci drivers script
 - Setup Linux for HugePages for use with KVM Guest
 - Virsh Pool Management Commands
 - MacOS X - Qemu
 - MacOS X 10.12 Sierra Guest on KVM/Qemu Fedora Host
- VirtualBox
 - VirtualBox Headless Linux Server
 - AutoStart VirtualBox VM Headless with Upstart (init.d) Script - Ubuntu Server and Vbox 5.*
 - Install and Uninstall VirtualBox Guest Additions - Ubuntu VM - Command Line
 - Install PhPVirtualBox 5 on Ubuntu Server 14.04 x64
 - Install VirtualBox 5 + Extension Pack + DL Guest Additions ISO - Ubuntu 14
 - Install Virtualbox Extension Pack Script to match installed Version - Server
 - Move VirtualBox VM's from headless server with SCP
 - Recompile VirtualBox Kernel - Server
 - Unable to Register VM due to DvD Image - VirtualBox CommandLine
 - Uninstall VirtualBox Extension Pack - Ubuntu Server
 - VirtualBox - VBoxManage - Useful Command Line Arguments
 - VirtualBox Windows
 - Fix Virtualbox Error (0x80004005)
 - Fix VirtualBox Error Failed to register ourselves as a PCI Bus (VERR_MODULE_NOT_FOUND). - Windows 10
 - Mount Shared Folder Ubuntu Guest VirtualBox & Auto Mount at Boot
 - Test LiveUSB in VirtualBox
- VMWare
 - ESXi
 - 3rd Party Tools - Drivers
 - Install Realtek 8168/8111/8411/8118 Drivers - VIB - CLI - ESXi 6
 - Install VIB ESXi CLI
 - VibsDepot V-Front
 - Create Custom ESXi ISO
 - Download VMWare Software Manager - Offline Bundle.zip
 - ESXi 6 on Intel Skylake B150 Chipset
 - ESXi Customerizer Script - Powershell - VSphere CLI
 - Get VMWare ESXi offline bundle with Trial License
 - Install VMWare PowerCLI
 - ESXi Host
 - Add ISO from Datastore to Guest VM - ESXi
 - Add License to VMWare ESXi Host from VSphere Client
 - Clone Any Version VMWare Virtual Machine _ VMWare 6.* Version 11 _ Without Server Center ESXi
 - Correct CD-ROM state pre-export of ESXi VM
 - Deploy VM from ESXi Datastore - NFS
 - Enable NTP ESXi 6
 - Enable RSA Key Authentication with ESXi 6.0 - One Command
 - Enable SSH in ESXi Host
 - esXi 6.0 default web document root location
 - ESXi 6 - Locked out of Root User

- ESXi Deployment Checklist
- ESXi HTML5 Web-Client for HOST - No VCenter
 - Customize ESXi HTML5 Web Client
 - ESXi HTML5 - Web-Client - ProxyPass with Websocket (secure) Support - Apache
 - ESXi HTML5 - Web-Client - ProxyPass with Websocket (secure) Support - NGINX
 - Install ESXi HTML5 Web Client
- esXi Password Requirements
- Expose local disk to VMWare ESXi Guest - GPT MBR Greater then 2TB
- Fix All Invalid esXi VM's in one line of code
- Installing esXi with less then 4GB Ram
- List Network Cards and Driver Versions and Find All Nic Compatible Params - ESXi
- Mounting or Troubleshooting NFS mount ESXi 6 CLI
- Pass Through NVidia GT 1050 to VMWare ESXi Windows Guest - VT-D - IOMMU - DirectPath IO
- Recover broken esXi - Reinstall esXi without wiping Datastore and re-register VMs
- SSL Certs - ESXi
 - Install Comodo PositiveSSL certs in VCenter 6.0 Linux Appliance
 - Install Comodo POSITIVESSL in esXi 6.0 host
- Unsupported hardware family 'virtualbox-2.2' - Migrate VBox OVA to VMWare ESXi
- Upload ISO to datastore ESXi Host
- VMWare ESXi 6.0 - Failed to dploy OVF package: The task was cancelled by a user.
- Linux Guests - ESXi
 - Change Ubuntu Desktop ESXi guest resolution via CLI
 - ESXi CyberPower UPS Monitoring VM
 - Fix - Device eth0 does not seem to be present, delaying initialization" Error - CentOS Deployed VM
 - Install VMWare Tools - Ubuntu - CentOS
 - OS X on VMWare
 - Install OS X on esXi 6.0 non Apple Hardware
 - Prep esxi OS X Guest VM HDD for OS X Install - Fix "There is not enough free space on OS X Base System to install" esXi
- vCenter Linux Appliance
 - Add License to VCenter Linux Appliance via Web UI
 - Add local ESXi host to VCenter - Create datacenter
 - Disconnected ESXi 6 host from VCenter from ESXi host
- vCLI - vSphere SKD for Perl
 - Install vCLI 6 on CentOS 7 - vSphere SDK for Perl
 - Install vCLI 6 - Ubuntu 14.04 - vSphere SKD for Perl
- VMWare ESXi CPU Virtual Sockets, Virtual Cores and Advanced Settings Explained
- Windows Server Guests
 - Fix Time CMD for Windows Server 2012
 - Nested Hyper-V on esXi 6 with Windows Server 2012 R2
 - Windows 10 ESXi Resolution Fix
- ESXi Backup Solutions
 - Nakivo
 - Install Nakivo - Linux
- VM Guest Template Checklists - VMWare
 - Ubuntu Server Basic Template - VMWare
- VMWare Install Error 29141
- VMWare Workstation
 - AutoStart VMWare Workstation VM - Windows
 - Install VMWare Workstation - Ubuntu

Jenkins

- Deploy Known_Hosts to Servers
- Deploy VM_INFO Tag to XYMon via Jenkins - Monitor VM-Stats via py-vminfo.py
- Disable Jenkins Security - Locked out of Jenkins
- Install Jenkins Ubuntu
- Use Jenkins as CRON with Daily E-Mail for Console Output - Logs

Linux - Generic

- Add SSH Host Key to Known_Hosts
- Automatically reboot server with high CPU Load - Linux
- Bash - Pass Command Line Argument to Script
- Bashrc Aliases
- Bash Scripting - General
 - Bash Arrays - For Each
- BINDing directories
- Cannot accept non-LF line endings in 'svn:log' property - SVN Migration

- Cat Text to File - EOL - Without opening text editor
- Clone SSH Host Key to new Server
- Continuous Ping Check Script - If Then - Bash
- Create Custom UPStart Init.D Script
- Cron Troubleshooting
 - /etc/cron.daily/logrotate: mysql.log Error
 - Directive 'allow_call_time_pass_reference' is no longer available in PH
 - Redirect Cron Output to Null
- cURL
 - cURL - Common Flags
 - cURL - Send JSON File
 - Disable Curl SSL Verification Globally
 - Display cURL JSON output - Pretty
 - Download RAW File from GitHub via CURL
 - Set cURL Options for User in File
 - Test Curl SSL
- Date Variables - Bash
- Dirty Cow
- Disable Laptop Sleep Lid Close - Server - SystemD
- Disable StrictHostKeyChecking SSH
- Doing Math in Bash Variable
- Download Entire YouTube Playlists - Extract Audio - Linux
- echo Alias to BashRC
- Find All Local Users
- Find Grub Version - Grub2 vs Legacy
- Find is Linux System in BIOS or UEFI
- Find Offending line in Known_Hosts - buffer_get_string_ret: buffer_get failed key_from_blob: can't read key type
- Find Server SSH Fingerprint via CLI
- Fix Gparted Stuck Searching Partitions - New Disk
- Fix PHP date.timezone is not set
- Generate Entropy - Ubuntu
- Grant Passwordless Shutdown to a User
- If service isn't running do - Script
- Installing Linux on BIOS Raid doesn't boot - Cant find root/boot partition
- Install NMap - Ubuntu - CentOS
- Keep VGA Console Always Alive - Grub Param
- Mount Disks in FSTAB
- Parted CLI - GTP - EXT 4 - Properly Aligned
- Pass MYSQL Username and Password via CLI in a FILE - NO USER INTERACTION
- Passwordless Sudo
- Pause Script - Wait for KeyPress - Linux
- Port Forward Vyatta
- Ports and Commands to Open or Close them - FirewallD
- Ports and Commands to Open or Close them - UFW
- PowerPanel PWRSTATD - Configurations
- Random GREP - SED - AWK - CAT - FIND - XARGS
- Replace drive in MDADM Software Raid
- RSync - Common Flags
- RSync Entire FileSystem and Restore on New Server
- Run Command after Boot - RC.Local & Cron
- Send E-Mail via BusyBox v1.19.4 - CLI - G-Mail and Comcast
- Set Hostname via HostnameCTL
- Unpack - Unzip - OVA - Linux CLI
- Vaildate IP and run script or set static IP via dhclient.conf - IP issues Check
- While Loop that Never Ends - Bash

Mac OS

- Auto Login Mac
- Dual Boot Windows 10 and Mac OS High Sierra without BootCamp
- MacOS Startup Keyboard Shortcuts

Media Servers - Kodi - Jellyfin - Emby - Plex

- Emby - Media Server
 - Install Emby via Docker-Compose
- Jellyfin - Open Source Media Player
 - Jellyfin Install - Docker-Compose
 - Jellyfin - NGinX Reverse Proxy
- Kodi - Formerly XBMC
 - Delete Kodi SQL Databases and Start Fresh
 - Disable Controller Input - Xbox 360
 - Install and Connect Emby Server with Kodi 17 Krypton
 - Install Kodi 16 on Ubuntu 16.04
 - Install KodiPlexConnect on Kodi 17.6 Krypton
 - Install PlexBMC on Kodi Jarvis
 - Kodi - Download Old Release
 - Kodi Log Locations - Windows - Mac - Linux
 - Kodi - Make Kodi Use External Player MPC or VLC x64
 - Manually Delete Kodi TV / Movie DataBase Windows

- My Ultimate HTCP - Plex + Kodi + VLC-MPC + More
- Run Kodi in Portable Mode with Relative Paths
- Setup Kodi to use (MariaDB) SQL Database running in Docker Container
- Plex - Media Server
 - Install Plex via Docker

Microsoft Office - VBA - Macros

- Customize Ribbon Microsoft Office
- Distributing Macros
 - Distributing Excel Macros via Add-Ins and Customized Ribbon
 - ImageMSO - Fav List
 - Distributing Macro via Add-In - Customized Ribbon - Via Batch
- Excel - Non-VBA
 - Copy Excel Formulas without changing references
 - Excel Find Max Min Value in Column Based on Criteria
 - Excel Reference Another Sheet in Formula
 - Strip Part of String via Formula - Numeric Result
 - Using Arrays - CTRL + SHIFT + ENTER - Excel
- VBA
 - Add Date Header and Page Number Footer - VBA
 - Add Keyboard Shortcut to Custom Ribbon - OfficeUI
 - Add String with Quotes in VBA
 - Assign Keyboard Shortcuts to Macros via Macro in VBA
 - Calling Batch file or CMD via VBA
 - Certificate Signing of VBA Macro's/Projects
 - Create Code Signing Cert for VBA and Publish without Admin Privileges
 - Check if Directory Exists and If Not Create It - VBA
 - Check if Variable is NULL - VBA
 - Check or Add Reference Library - VBA
 - Check Variable for Special Characters - VBA
 - Compile Error: Expected variable or procedure, not module - Macros - Microsoft Office
 - Copy Text to Clipboard - Macro
 - Copy to Clipboard via VBA
 - Create Input Box with Default Setting - Office VBA
 - Creating an Update MsgBox that only runs once with VBA
 - Date Variables - VBA
 - Declaring Function for Different Versions of Microsoft Office - 32 vs 64 - 2007 vs 2010
 - Decode or Encode URLs via VBA
 - Delete File VBA
 - Display Variable in MsgBox - VBA
 - Error: DataObject.GetText Invalid FORMATETC structure - Clipboard Gets Cleared During Macro Execution - VBA
 - Folder Picker - VBA
 - Forcing or Changing Value to Capital Letters in VBA
 - Global Variables in VBA
 - Images - VBA
 - Download and Import Image from URL - VBA
 - Input Box - VBA
 - Install Font via VBA Without Admin Privileges
 - Method 'Run' of object IWshShell3 failed - VBA
 - Microsoft Excel - VBA
 - ActiveSheet Name - Excel VBA
 - Advanced Filter - Excel VBA - Unique Values
 - Apply Conditional Formatting - Excel VBA
 - Arrays - VBA
 - ArrayList - VBA
 - Basic VBA Examples of Array
 - Compare Two Arrays - Range to Array - Excel VBA
 - Create Array of Files in Directory - VBA
 - Split String into Array of Characters - VBA
 - AutoFilter - Excel VBA
 - Autofit All Worksheets - Excel VBA
 - BarCodes - Excel VBA
 - Call Sub from Separate Excel Add-In - VBA
 - Check if Cell in Range - Excel VBA
 - Check if Cell IsEmpty with VBA
 - Check if Column Has Header by Comparing A1 to A2 - Excel VBA
 - Check if Integer is Even or Odd via Function - Excel VBA
 - Check if Range Is Empty - VBA
 - Check if Value is Numeric - Excel VBA
 - Check if Worksheet is Protected by PWD via VBA - Excel
 - Check if Worksheet Is Protected - Excel VBA
 - Class Modules - Excel VBA
 - Class Module - App Events - Read Mode Highlight Active Row & Column via xlam Add-In
 - Collections - VBA
 - Custom Collections Class - VBA - Multiple Values per Key
 - Make SheetSelectionChange Operate on a another Workbook
 - Close Open Workbook in Excel VBA

- Close Open Workbook via Batch - WindowTitle
- Combine Two Columns - Excel VBA
- Compare Two Columns - Excel VBA
- Convert ActiveCell or Range to Column Letter in Variable - Excel VBA
- Convert Column Number to Letter - Excel VBA
- Copy Data from External Excel Instance - Worksheet to "ThisWorkbook"
- Copy Range - VBA
- Copy Rows and Columns - Excel VBA
- Copy Text to Clipboard - Excel VBA
- Declaring WorkSheet and WorkBook - Excel VBA
- Delete Multiple Columns Simultaneously - Excel VBA
- Delete Rows in Excel VBA
- Dictionaries - Dictionary - Excel VBA
 - Basic Dictionary Functions - VBA
 - Populate List - Dictionary of Unique Values in Range - Excel VBA
 - Return Dictionary from Function - VBA
- Disable warning: You copied a large amount of data onto the clipboard - Excel VBA
- Excel DisplayAlerts - VBA
- Excel VBA Color Index
- Excel VBA - Font and Borders Settings Etc
- Excel VBA to use all filled cells in columns
- Extract Alpha or Numeric Portion of String - Excel VBA
- Filter Worksheet - Table - Query - Excel VBA
- Find ActiveCells Column Header
- Find Duplicates and Copy to New Sheet - Excel VBA
- Finding Last Used Column or Row
- Find Oldest and Newest Dates in Rng - Excel VBA
- Find or Delete Column Letter from Header Name Function - Excel VBA
- Find String in Range - Excel VBA Function
- Find Worksheet by Partial Name - For Each Worksheet - Compare Dates - Excel VBA
- For Each Cell in Range of Cells - VBA
- Format Integer to X Places with leading 0's
- Formatting Cells - Excel VBA
- Freeze Header Row - Column - Excel VBA
- Full Download Spreadsheet via IE - Save - Open - Copy - Close and Delete File - VBA Macro
- Function to Check if Sheet Exists - VBA
- Function to Check if Two Ranges are the Same Range - Excel VBA
- Get Column Letter from ActiveCell via Sub - Excel VBA
- Get Total Lines of Code in Macro Workbook - VBA Excel
- Have Macro run on Workbook Open - Excel VBA
- Hyperlinks - Excel VBA
 - Decode URLs to Regular Text - VBA
 - Get Cells HyperLink as String - Excel VBA
 - HyperLink Events - VBA
 - Remove Hyperlinks - Excel VBA
 - Set Range to Hyperlinks using Cells Value - Excel VBA
- Import CSV - Excel VBA
- Insert Row or Column - Shift - Excel VBA
- Insert Value into cell near selected cell - Excel VBA
- InSTR - Excel VBA
- List Files in Folder without Extension - Excel VBA
- Merge and UnMerge cells - Excel VBA
- Move Columns via VBA
- Number From String or String from Number - VBA
- Pass Range as Variable to Sub with Rng Argument - VBA
- Pivot Tables with VBA
 - Check if Pivot Table Exists and Delete - VBA
 - Collapsing Pivot Tables - Excel VBA
 - Create Pivot Table Sub - Check if Exists and Delete
 - Create Pivot Table with VBA
 - Function to check if Pivot Table Exists - VBA
 - Groups and Pivot Tables - Excel VBA
 - Pivot Table Settings for Orientation and Function
 - Sub to Delete Pivot Table - VBA - By Name - Sheet - Or All
- Print Headers on Each Page - Excel VBA
- Remove \$ Cell.Address - VBA
- Remove Duplicate Rows - Excel VBA
- Run Excel Macro from Command Prompt with XLAM - VBA - VBScript
- Run Macro After or Before Query Refresh - Excel VBA
- Save New Workbook - VBA
- Screen Update VBA
- Screen Updating and Refresh - Excel VBA
- Select All Cells with Data - Excel VBA
- Send E-Mail from Excel with VBA
- Set Cell Font to Text White and Background Black - Excel VBA
- Set Range to Empty Space of Last Sheet to be Printed - hpagebreaks

- Setup Print Procedures in Excel VBA
- Sheets and Excel VBA
- Sort Range - Excel VBA
 - Custom Sorting Range Based on Another Column
- Spell Check Protected Worksheet - Excel VBA
- Swap Columns - Excel VBA
- Test if Workbook is 97-2003 old xls format and upgrade
- Use Column Number in Range - Excel VBA
- Use MsgBox to display Range - VBA
- UserForms - Excel VBA
 - ComboBoxes - VBA
 - ComboBox - Allow Only List Options
 - ComboBox with List of Column Letters
 - ComboBox with list of Worksheets
 - If ComboBox is Empty - VBA
 - Populate ComboBox list based on first ComboBox selection
 - Simple ComboBox Example
 - Date-Picker - UserForm - Excel VBA
 - Intercept KeyPress on UserForm - Escape - Enter
 - Intercept CTRL + V in TextBox UserForm
 - ListBox - VBA
 - Get Selected Item - ListBox
 - OptionButtons - UserForms VBA
 - Allow Multiple OptionButtons to be Selected - UserForms VBA
 - Pass Variable from UserForm to Module - VBA
 - Range Picker - UserForm - Excel VBA
 - TextBox - UserForm VBA
 - TextBox - Action when Enter or Esc Pressed
 - TextBox - Right Click Context Menu - VBA
 - UserForm - Cosmetics
 - Change Mouse Icon in Excel UserForm
 - Format UserForm Control via Module - VBA
 - UserForms - Modal
 - Event Driven Modeless UserForms - VBA
 - Modeless - Modal - UserForm that Halts Code
- User InputBox for Range - Excel VBA
- Use Row of Active Cell
- VBA Regex Search
 - RegEx Add-In for Excel VBA
- XLStart Locations
- Microsoft Outlook - VBA
 - Automatically Open Outlook Attachment - VBA
 - Automatically Save Attachments From Specific Sender or Domain or Subject in Outlook with VBA
 - Create Outlook Event - VBA
 - Distribute Outlook Macros - VBA
 - Mark E-Mail As Read or UnRead in Outlook via VBA
 - Monitor Inbox or Custom Folders in Outlook with VBA via ItemAdd Event
 - Search Outlook Mail Subject or Body for String - VBA
 - Send E-Mail via Outlook with VBA
- Microsoft Word - VBA
 - Adding Serial Number or Incremental Number to Word Document at Print Time
 - Close Word Document via VBA
 - Copy Text from Microsoft Word to New Excel Workbook - VBA
 - Create Simple Greeting Macro - Word - Microsoft Office
 - Disable Small Margins Warning - Microsoft Office - Word - Macro
 - Final - Before Print Macro
 - Find Index Number of Current Table
 - Run Macro Before Printing - Word - Microsoft Office
 - Spell Check Protected Word Document - VBA
 - Word.OfficeUI Location
 - Working with Tables in Microsoft Word VBA
- Multi-Line MsgBox in VBA
- ObjArgs - VBA - For Each ObjArg - Named Args
- Open External Workbook and Copy Sheet to Active Workbook - Excel VBA
- Open Internet Explorer URL via VBA
 - Click Buttons in Internet Explorer via VBA
 - Get HTML Element Value - Text - VBA
- Open Sharepoint/Teams Excel Workbook via VBA
- RegexReplace Function
- Remove Non-ASCII Characters - VBA
- Save Document - Microsoft Office - Macro
- Search AKA Grep for String in Text File with VBA
- Search String for SubString via LEFT - VBA
- SendKeys - VBA
 - Sendkeys - VBS VBScript
- Set Value everything after or before = Symbol - VBA

- Simple VBA Template
- Sleep - Wait - Delay - VBS
- Split String by NewLine in Array - VBA
- Use Windows Environment Variables like %APPDATA% in VBA
- Using "Case" Statements with VBA
- Using Dates with VBA
- Using Functions in VBA to get Result
- Using GoTo with VBA
- Using Shell in VBS VBScript
- VBA - 1 Hour From Current Time - DateAdd
- VBA Data Types
- Windows Registry - VBA
 - Find - Read - Set - RegKey - VBA
- Working With Files - VBA - Does File Exist - Write - Read - To Text File
- Yes or No Input Box - VBA

Network Monitoring

- NTop
 - Install and Setup NtopNG - nprobe collector - Netflow - SQL DB - Ubuntu 14.04
 - Install Ntop - Debian Squeeze - Vyatta
 - NTop - DD-WRT - RFlow
- Security Monitoring
 - Fail2Ban - General
 - Fail2Ban - Docker-Compose - Jail Examples
 - Bitwarden_RS - Fail2Ban - Jail
 - Fail2ban monitor HTTPASSWD / HTACCESS authorization
 - Find all NFS Shares on LAN - NMAP
 - Find all SMB Shares on LAN
 - Find Windows Hostname - MAC - From Linux CLI
 - Grep Netstat for IPs excluding local IP - NFS Example
 - Monitor Currently Mounted NFS exports from Server
 - Monitor Currently Mounted SMB Shares from Server
 - Monitor Outgoing SSH Attempts with IPTables
- XYMon AKA Hobbit AKA Big Brother
 - 3rd Party XYMon Custom Scripts
 - ZFS Monitor for XYMon
 - Compile Latest Source Code - XYMon
 - Compile XYMon .DEB
 - Custom Script Template - XYMon
 - Have XYMon Create OpenProject Task via ALERT
 - My XYMon Custom Scripts
 - Adaptec RAID Monitor - XYMon - Ubuntu
 - Asterisk - XYMon - CentOS
 - CyberPower - UPS Monitoring
 - CyberPower - UPS Monitoring - CentOS
 - CyberPower - UPS Monitoring - Ubuntu
 - ESXi 6 - Ram - CPU - Disk Check - NTP - XYMon - Ubuntu
 - MariaDB - Galera Cluster - XYMon Check
 - MySQL Replication Script - XYMon
 - MYSQL - XYMon - Ubuntu - Simple Select Check
 - NTop XYMon Monitoring Script
 - NTP XYMon Script
 - OpenVPN - XYMon - Ubuntu
 - PaceMaker - HA XYMon Script
 - SmartTools Monitor for XYMon
 - SmartTools Monitor - XYMon - Ubuntu
 - SmartTools XYMon - CentOS 5/6
 - TeamViewer - XYMon - Ubuntu
 - XYMon - Monitor Git-Daemon Status
 - XYMon - Simple Monitor NFS Mount
 - Zabbix XYMon Monitoring Script
 - ZoneMinder - XYMon - Ubuntu
 - Tips and Tricks
 - Add UPTIME Column for all Linux Guests
 - Create checks for PROCS and PORTS - XYMon
 - Custom Graphs and RRDTOOL
 - Disable APT & Libs - XYMon
 - Ignoring snap mounts - loops - Always Red - XYMon Server
 - XYMon Directories
 - XYMon - SSLCERT - Checking Wrong Certificate
 - XYMon-Client
 - CentOS - RHEL
 - XYMon-Client CentOS 6 - WGET 4.3.10
 - XYMon-Client CentOS 7 - YUM
 - Install XYMon-Client Windows
 - Install XYMon Vyatta
 - OpenSuse - SLES
 - Ubuntu - Debian
 - XYMon-Client APT-GET

- XYMon-Client Compiled Deb
- XYMon-Server
 - Configure XYMon - Alerts - Test E-Mail
 - Install XYMon-Server Ubuntu
 - APT-GET Install XYMon - Ubuntu
 - Install XYMon - Compiled 4.3.27 Version - Ubuntu 14
 - XYMon - deweyssasser/xymon/ - Docker-Compose
 - XYMon-Server - Custom DockerFile from Scratch
- Zabbix
 - Zabbix Client
 - Install Zabbix Agent - Latest - Ubuntu
 - Zabbix Agent Monitor DD-WRT
 - Zabbix Server
 - Install Zabbix Server Latest - Ubuntu 14

Network Protocols

- BitTorrent (Peer 2 Peer)
 - Install Deluge Daemon - WebUI - AutoConnect WebUI to Daemon - Ubuntu Server 14.04 x64
 - Install Transmission BitTorrent Headless - Ubuntu 14
 - Install Transmission via Docker
- DHCP (Dynamic Host Configuration Protocol)
 - Install isc-dhcp-server Ubuntu
 - PXE (Preboot Execution Environment)
 - DNSMasq PXE
 - Basics of DNSMasq + PXE
 - PXE Boot ESXi 6 - TFTP
 - PXE Boot Parted Magic PMagic ISO - DNSMasq
 - PXE Boot Ubuntu 16.04 - DNSMasq
- DNS (Domain Name Services)
 - Block Ads with Pi-Hole in Docker Container and Docker-Compose - Ubuntu Server
 - Install BIND9 on Ubuntu 14.04
 - Install DNSMasq - DNS + DHCP - Home Network 192.168.1.1 - Google DNS - All configs in same file - Ubuntu
- FTP (File Transfer Protocol)
 - FileZilla FTP (Server) - FTP Client or (Windows Only) Server
 - FTPUSE - Map FTP drive to Windows Drive Letter
 - VSFTPD - Very Secure FTP Daemon
- HTTP-HTTPS
 - Apache
 - Allow Apache to write to mounted NFS share
 - Apache 2.4.7 ProxyPass with WebSocket and Comodo PositiveSSL SSL w/ Intermediate Certs.
 - Create Simple Webpage with Button that runs Bash Script - Apache - PHP
 - Redirect all NON-EXISTENT URL's to domain.com - Apache - Error 403
 - Redirect Http to HTTPS - Apache2
 - Secure Apache2
 - Secure Webpage with .htpasswd NO .htaccess
 - Simple Apache HTTP VirtualHost
 - NginX
 - NginX Reverse Proxy Installation - Configuration - Notes and Links - Ubuntu Server 14.04
 - Install NginX via Docker
 - NginX - Serve Blank Page for Default - Unknown - UnMatched Requests
 - NginX - Server Site Only to LAN
- LDAP (Lightweight Directory Access Protocol)
 - 3rd Party Integration
 - Enable OwnCloud LDAP
 - Client
 - CentOS
 - CentOS 5 LDAP Authentication - Client
 - LDAP Auth - CentOS 7 - SSH RSA - Group Restrictions - Sudo Access
 - Ubuntu
 - LDAP Auth - Ubuntu 14.04 - SSH RSA - Group Restrictions - Sudo Access
 - Server
 - Install LDAP + PHPLDAPAdmin - Ubuntu 14
 - Migrate OpenLDAP to New Server
- Magic Packets (Wake on LAN)
 - Ubuntu - Wake on LAN
- NFS (Network File System)
 - CentOS NFS
 - Install NFS Server CentOS 6
 - Install NFS Server CentOS 7
 - Set up NFS-Client on CentOS 7
 - Mount NFS Share Client Installation
 - NFS Mount Options Explained
 - Setup NFS Server in Docker Container - Docker-Compose

- Ubuntu NFS
 - Mount NFS Shares via Fstab - Ubuntu Server 14.04
 - Set up NFS SERVER on Ubuntu 14.04 x64
- Windows NFS
 - NFS-Client - Make NFS-Client for Windows follow Symlinks
 - NFS-Client - Windows Mounting of NFS exports
- NTP (Network Time Protocol)
 - ntpq -p Output Explained
 - Setup NTP - Client - Server - Ubuntu - CentOS
- Protocol - Application - PortMap
- Proxy
- SAMBA (Windows Shares)
 - Configure SAMBA - SMB - Docker-Compose - Using SMB.CONF
 - Configure SAMBA - SMB - Network Share
 - Grant Write Access Based on IP in Samba SMB
 - Mount SAMBA SMB Client Installation and CLI Example
 - Mount SMB/SAMBA/CIFS Share via FSTAB
 - Samba Follow SymLinks
 - SMB(D) Samba - Reports falsely there is Not enough disk space - DFREE Ubuntu 14.04
 - SMB Samba - Configure blocking range of 192.168.1. network and allow IPs only from static pool of IPs.
- Secure Sockets Layer (SSL)
 - Comodo SSL Creation
 - Request SSL Cert with Existing Cert Credentials
 - Use LetsEncrypt - Free SSL Certificate Service
 - Use CertBot - LetsEncrypt - In StandAlone Docker Container
- SSH (Secure Shell)
 - Linux SSH
 - Create New SSH Hostkey
 - Install SSH with Pre-Created RSA Key
 - Setup OpenSSH Server and Create new RSA Keys
 - Using SCP to Copy Files via SSH over Network
 - Windows SSH
- VPN (Virtual Private Network)
 - OpenVPN
 - Docker - OpenVPN
 - Setup OpenVPN using Docker
 - OpenVPN - Docker-Compose Setup
 - Ubuntu OpenVPN
 - Install OpenVPN with Pre-Created Keys - Ubuntu Server 14.04
 - OpenVPN - Set up OpenVPN server on Ubuntu 14.04 x64
 - Windows OpenVPN
 - OpenVPN - Configure Windows Client to Connect to OpenVPN Server
 - OpenVPN - Disable GUI and Automate Connecting via CMD
- Vyatta - Debian Linux Router
 - Install Debian Packages on Vyatta
- WebDav (Web Distributed Authoring and Versioning)
 - Ubuntu WebDav
 - Download OwnCloud Links via Curl
 - Install OwnCloud (WebDav) - Ubuntu 14.04 x64
 - Install OwnCloud (WebDav) - Ubuntu 16.04 x64
 - Windows WebDav
 - Mount WebDav (OwnCloud Example) Using NetSH - Command Line

OpenProject

- Cannot serve directory /opt/openproject/public/ - OpenProject
- Compile OpenProject 8.2.1 on Ubuntu 18.04
- Failed to restart openproject.service: Unit openproject.service not found.
- Host Other Website on Port 80 with OpenServer
- Install OpenProject - Ubuntu - Debian
- Migrate OpenProject MySQL to PostGRESQL
- mysql2::Error::ConnectionError: Access denied for user 'open project'@'localhost' (using password: YES)
- OpenProject - API
 - Create Project in OpenProject via cURL via API
 - Create Task via OpenProject API via cURL
 - OpenProject API URLs
 - OpenProject - Create payload.json Script with Arguments for API POST via CURL
- OpenProject Config Set - Get
- OpenProject - Docker
 - Install OpenProject - Docker - All-In-One
 - Install OpenProject Via Docker-Compose - Multi Container
- OpenProject Installer.dat - Default
- OpenProject Migration Script
 - Migrate from Packaged to Docker - OpenProject
- OpenProject - NGinX and Apache - Reverse Proxy
- OpenProject - SSL Configuration

- OpenProject - Troubleshooting
- OpenProject - Unable to verify Cross-Site Request Forgery token Error
- Restore Backup to Server - OpenProject

Password Managers

- BitWarden - Password Manager
 - BitWarden_RS - Self Hosted Alternative to Official BitWarden
 - BitWarden_RS - Docker-Compose Setup
- Passbolt - Password Manager
 - Passbolt - Access UI - Create User - NGINX Reverse Proxy
 - Passbolt - Docker-Compose
 - Passbolt - GPG - Add Server to Android App
- PSONO - Password Manager

PHP

- Check File Size - PHP - IF Then
- Create ZIP File without Folder Structure - PHP
- Open New Browser Tab PHP
- PHP Build File Directory structure base on DateTime
- PHP - Check Number of Rows Effectuated by SQL Select Statement
- PHP - Display URLs for results with Variables
- Set PHP Variables in Bash Script
- Simple download file - PHP Script
- Simple MySQL Query with PDO - PHP Example

Python

- Python SheBang
- Python Source Variables

Raspberry Pi - Raspbian OS

- BigBox and Raspberry Pi - Launching Custom Software via Moonlight
- Emulate - Virtual - Raspbian OS - Debian Stretch - Qemu

Smart-Home

- Home-Assistant
 - Add Mysa to Home-Assistant
 - AgentDVR - Home-Assistant
 - Binary - Boolean - Sensor from Sensor Value
 - Bluetooth Scanning with Home-Assistant in Docker in a VM
 - Call Home-Assistant Automation via URL - WebHook
 - Change Lovelace UI in Home-Assistant
 - Configure HomeAssistant Auth in Configuration.yaml
 - Control Kevo via Home-Assistant with Toggle Switch
 - Create Basic Toggle Switch to Run Script or Execute Command with Home-Assistant HASS.IO
 - Create Delay - Home-Assistant
 - Device_Tracking - Home-Assistant
 - DD-WRT - Home-Assistant Integration to Track Device Connection in Home-Assistant
 - Track Device Connection in Home-Assistant via NMAP
 - Home-Assistant and LED Lights
 - Home-Assistant - Control Roku TV - Automatically Play YouTube - Turn On or Off
 - Control Roku via "Remote" - Home Assistant
 - Roku TV - Set Volume - Home-Assistant
 - Home-Assistant - Repeating or Looping Service Calls
 - Home-Assistant with NGINX
 - Home-Away Automations via Home-Assistant
 - Installation of Home-Assistant - HassIO - Supervised or whatever it's called now
 - Install Home-Assistant Docker Container
 - Home-Assistant - Supervised - HASSIO - Docker-Compose
 - Install Pre-Packaged HassIO VMDK - Home-Assistant with Add-On Store
 - Uninstall HASS.IO
 - Integrate ZoneMinder with Home Assistant - HASS.IO - Lovelace Card
 - Line-Break for Message in Home-Assistant
 - My Full Home-Assistant Configuration.YAML
 - Person - Home Assistant Presence-Detection
 - Push Notifications with Home-Assistant and Android - Send Sensor Status
 - Search for iBeacons - BLE - via PowerShell - Home-Assistant Presence Detection - Windows
 - Setup E-Mail Notifications via Home-Assistant
 - Setup MQTT Bridge - Home Assistant
 - Split Scripts into Multiple Files in Directory with Home-Assistant
 - Theme Home-Assistant
 - XIAOMI_Mijia_LYWSD03MMC
- Logitech Harmony
 - Add Windows PC to Logitech Harmony Remote
- Scripting Kevo Unlock - Lock - via Python and Bash

- Wall-Mounted-Table Home-Assistant
 - Browser_Mod - Home-Assistant

Ubuntu-Debian

- Emby
 - Install Emby 3 on Ubuntu 16
- FFMPEG
 - Add or Remove Audio and Add or Remove Subtitles Recursively with FFMPEG
 - Install FFMPEG Ubuntu 14.04 Server
- General Ubuntu-Debian
 - Debian - Rebuild Default Sources.List - APT
 - Download All Package Requirements for Deb - Debian Package - APT-GET
 - FIX
 - Fix MySQL Won't Start or Can't connect to local MySQL server through socket '/var/mysql/mysql.sock' - Redeploy MySQL w/o losing DB
 - Fix Outdated-Broken-Old Repo's Ubuntu - Debian
 - Fix Ubuntu Leak "no talloc stackframe at ../source3/param/loadparm.c:4864, leaking memory"
 - Install
 - Bluetooth - Linux
 - Install Adaptec Raid Controller ARCCONF - Ubuntu
 - Install GNOME Desktop - Ubuntu Desktop and Server 14.04
 - Install Google Chrome Ubuntu - One Command
 - Install Grive2 on Ubuntu Server
 - Install LAMP in One Command - Ubuntu Server
 - Install NoVNC with Websockify - Ubuntu Server 14.04
 - Install PWRSTAT (PowerPanel) - CyberPower Linux CLI Interface - Ubuntu - CentOS
 - Install VNCServer - Ubuntu
 - Install TightVNCServer with XFCE GUI - Ubuntu
 - Install X11VNC Server - Ubuntu
 - Install WebMin - Ubuntu
 - Install Specific Version of Software via APT
 - Other
 - Bash Script - Add User - Ubuntu
 - Check SMART status of Hard Drive - Ubuntu
 - Convert InstallEMG.dmg to ISO
 - Deluge P2P
 - Disable - "waiting an additional 60 seconds for network configuration" - Ubuntu Server 14.04 x64
 - If Ubuntu or Debian Then - Bash Script
 - Purge PostgreSQL via APT
 - Recover Files with EXTUNDELETE - MDADM - UBUNTU
 - Remove PPA - Ubuntu 14.04 x64 CLI
 - Ubuntu Revision into Variable - CLI
- HandBrake
 - Convert videos recursively with Handbrake script HandbrakeCLI
 - Install HandBrakeCLI latest or stable
- Networking
 - Change em1 - p1p1 - to Eth0 - Ubuntu Server 14.04
 - Connect to Wi-Fi via Command Line - Ubuntu 14.04 Server - WPA2 AES - Open WiFi - Multi SSIDs with Eth0 - WPASUPPLICANT
 - Echo wlan0 configs to interfaces at reboot
 - Install CA Cert - Ubuntu
 - NPM Not Using Local Certificate Store
 - Proxy - Ubuntu
 - Can't Add GPG-PPA Key behind Proxy
 - Check Proxy Setup
 - GIT rewrite URLs using "git://" to "https://"
 - Proxy Setup - Ubuntu Server
 - Set Static IP - Ubuntu 18 - Netplan
- Plex
 - Install Plex - Ubuntu
 - Install UnSupportApp store Plex - Ubuntu Server
- Security
 - Fail2Ban
 - Install and Configure Fail2Ban - Ubuntu
- TeamViewer
 - Configure TeamViewer Unattended Password - Ubuntu CLI
 - Install TeamViewer Latest
 - Set TeamViewer Password at boot and Start Daemon
 - TeamViewer - Linux - Email ID after daemon starts
- Untouched Default Files
 - Untouched 000-default.conf - Ubuntu Server 14.04 x64
 - Untouched - Default .bashrc - Ubuntu 14.04
 - Untouched default-ssl.conf - Ubuntu Server 14.04 x64

Visual Studio

- Visual Studio 2015

- Install Visual Studio Community Edition 2015 - Free with Office/Sharepoint Development Kit/Tools
- Visual Studio Code
 - Visual Studio Code - N-Unit - Selenium - Test Project

VoIP

- Asterisk VoIP
 - Fix - asterisk.cti: No such device or address
 - Fix - This module requires Asterisk chan_motif & res_xmpp to be installed and loaded
 - Hangup All Calls Asterisk CLI
 - Monitor PJSip Trunk Registration with Bash Script
 - Originate Call from Command Line - Asterisk
 - Upgrade Asterisk core in Asterisk Now 1.6 > 1.8
 - Use Asterisk CLI in Bash Script
- Call Detail Records (CDR)
 - Install WebCDR - Open Source GIT CDR Front End
 - Disable Auth access to API in WebCDR
- Capture VoIP traffic with TCPDUMP and Examine in Wireshark
- Enable TFTPBoot for Hardware SIP Phones
- FOP2
 - Activate-Revoke FOP2 License
 - File does not exist: /var/www/html/fop2/js/lang_.js
 - Fix - Failed to connect to asterisk - localhost:5038 - FOP2
 - FOP2 Checkdir.php Custom Pop_Up
 - FreePBX + FOPv2 Integration - For Older FreePBX
 - Install FOP2
 - Integrate FOP2 with FreePBX
- FreePBX VoIP
 - Configure Google Voice Motif + Asterisk SIP for Google Voice - FreePBX 13
 - Customize Images on FreePBX
 - Disable "If this is correct, press 1" from VoiceMail Blasting - FreePBX
 - Fix FreePBX can't Connect to Asterisk
 - Locked out of FreePBX GUI
 - PIN conference is no longer optional - FreePBX 12 + Asterisk 1.8
 - Pre and Post Backup Hooks to add Database to FreePBX Backup Module
 - Remove 0 Second Calls FreePBX - Asterisk
 - Set TimeZone for Voicemail in FreePBX - Asterisk
- Install LAME 3.99
- Obi - Google Voice
 - Block Private - Unknown - Restricted - ObiTalk - Google Voice
- PBX In a Flash (PIAF)
 - Disable IPTables PIAF
 - PIAF Default Root MYSQL PWD
- SHMZ 6.6
 - Upgrade FreePBX Distro 6 - 10 - As far as possible - Script
- VoIP Phones
 - Configure Panasonic KX-TGP500 - FreePBX - Asterisk - SIP DECT Wireless Phone
 - Configure YeaLink W52P-H
 - PolyCom
 - PolyCom SoundPoint 321 - Configuration
 - Port Landline to Google Voice

Web-Browser

- Configure G-Mail Account for IMAP
- Purge Entire Google Voice History - TxTs - Trash Etc
- Purge - Gmail - Verizon - Yahoo - AOL - Comcast - Microsoft - RR/TWC - Inbox (WebMail)

Windows

- CygWin
 - Create Shortcut to run script inside CygWin - Windows 10
 - Install CygWin with X Server and OpenSSH and Virt-Manager
 - Running Virt-Manager inside Windows 10 using CygWin with Shortcut on Desktop
 - Using .startxwinrc with Cygwin to autostart Virt-Manager - Windows 10
- Microsoft Office
 - Outlook
 - Add Student .EDU or Business - G-Mail managed account to Outlook
 - Export and Import Folder Structure Outlook
 - Microsoft Outlook Command Line Flags
 - Move Outlook to new Windows Install
 - Open OST in Outlook
 - Word
 - Creating Custom Document Property in Microsoft Office Word
 - Enable Proofing Microsoft Office 2013
- Scripts - CMD-BAT-PS1-VBScript
 - Batch - CMD
 - Access CMD before Login Screen
 - Adding or Removing Printers via Batch Files - Windows
 - Assign Variable to Output of Command - Batch

- Automatically accept input in batch - cmd - without user hitting Enter
- Batch Loop to check if File Exists
- Call Variable from Another Batch File - CMD
- Change IP Address with .CMD Files
- Check if Executable is Running - Batch
- Check if Network Printer is Installed via Batch Function and Install if Needed
- Check if SubString is in String - Batch - Grep Windows
- Convert RSA Key to PPK via CLI using WinSCP
- Count Arguments - Batch
- Create .CMD that silently executes with no open window
- Create Array - Batch
- Create Placeholder - Empty File In Temp - Batch
- Create Shortcut to File via Batch - CMD
- CSV List of Tasks in Windows - TSKill
- Custom Help Message - Batch
- Embed VBA - VBS VBScript - in Batch/CMD
- Find Executable via Batch - Microsoft Office Example - WINWORD - Find Microsoft Office Path
- Find FilePath with WildCard in Batch
- Find Windows Version via Batch - Function
- Forcing Valid User Input in Batch/CMD
- For Each File in Directory - Batch - CMD
- For Loop Batch
- Get File Extension from Full File Path
- If Var = String - Batch
- In - Then - Else - Windows Batch - Test if Variable is SET
- List Files in Directory - Recursive - Batch
- Open Multiple Webpages in same Browser Instance via Batch/CMD File
- Output List of WindowTitle via CMD Batch
- Pass Named Arguments to Batch Script - CMD
- Print Files via Batch - Windows
 - Print Excel Via Command Line - VBA VBScript - Excel.exe Switches
 - Print Files Recursively from Current Directory via Batch CMD
 - Print Microsoft Word via Batch - WINWORD.EXE Switches - VBScript Print Specific Pages
 - Print PDF Via Batch - AcroRd32.exe Switches - Print Specific Pages
 - Print PowerPoint via Batch - POWERPNT.EXE Switches
- Push Current Running Directory inside Batch File - Run VBS in same directory
- Random CMD Batch Stuff
- Reboot to safe mode CMD
- Remove Whitespace Batch
- Reset Local Admin Password Windows
- Return Value after Foo in Batch
- Set Global Variable in Batch CMD
- Simple Enter Yes or No Batch - CMD - Input - Windows
- Stripping down to just User-Folder from %USERPROFILE% - BATCH
- Strip Server and Share from Network Share via Batch For
- Timed Ping Windows - Linux
- Using Functions with Batch - Return Value
- Using Input from External Program in Batch - CMD
- While Loop - Batch
- While Loop that checks for exe process running
- Yes - No - User Input - Batch
- PowerShell
 - Arrays in PowerShell
 - Call PowerShell Script with Space in Path
 - Check if Process is Running and Close - PowerShell Function
 - Concatenate - Combine Variables - PowerShell
 - Conditional Evaluators - IF THEN ELSE WHILE DO UNTILL - PowerShell
 - Configure Remote Desktop - RDP - PowerShell
 - Custom Help - PowerShell Script
 - Disable or Enable Windows Defender via PowerShell
 - E-Mailing with PowerShell
 - Embed VBScript in PowerShell - PS1
 - ExecutionPolicy - PowerShell
 - Find Executable - PowerShell
 - Find Windows Version Number via PowerShell
 - ForEach-Object - PowerShell
 - Functions - PowerShell
 - Get Folder or File Path from GUI - PowerShell
 - List All Variables and Values - PowerShell Debugging
 - Passing Params to Script - PowerShell
 - PowerShell - Change network type - Private Public
 - PowerShell - ComboBox - DropDown List - User Input to Variable
 - PowerShell - Grep
 - PowerShell - Integer Counter Increment
 - PowerShell - Sed - Find and Replace Text in Files
 - PowerShell - SLEEP - Delay
 - PowerShell - Switch or Case Statements

- PowerShell - Windows Environment Variables
- Printing via PowerShell
 - Printer Installation - Check if Installed - Set Default - PowerShell
 - Printer Settings - PowerShell
 - Print via "-Verb Print" - PowerShell
- Redirect Powershell Out to Null
- Registry Query via PowerShell
- Restart BT - Bluetooth Service from PowerShell
- Run PowerShell Job in Parallel - Start-Job - Pass Arguments
- SendKeys - PowerShell
- Setting Variables in Functions - Global Variable - PowerShell
- Start PowerShell Script via Task Scheduler - Windows 10
- Start-Process via PowerShell with Arguments
- String Commands in Single Line - PowerShell
- Temp File - PowerShell
- Using Powershell Variables
- View Network Details - InterfaceAlias - Powershell
- Wildcards and FilePaths - PowerShell
- Yes No Prompt - PowerShell - Read-Host
- VBScript
 - Filesystem Object and Expanding Environment Variables in VBScript - Delete File
- Windows Admin Center
 - Install Windows Admin Center - With SSL - Server Core
- Windows Personal
 - Create Task to Autostart Executable with Admin Privileges - Export - Import Task
 - Fix: We can't verify who created this file - Open File Security Warning - Windows 10 - Not Outside Local Network LAN
 - Gaming
 - Connect WiiU Pro Controller to Windows 10 - With and Without Toshiba BT Stack
 - JoyToKey
 - Launch Program or CMD with JoyToKey
 - Map Two Xbox Controller Buttons to Hotkey with JoyToPad
 - RetroArch Setup
 - Mupen64Plus "failed to load content"
 - PS1 - PCSxReARMed - RetroArch BIOS Setup
 - RetroArch RetroAchievements Integration and LaunchBox
 - RetroArch with Steam using ICE
 - Ice Setup for RetroArch
 - Xbox Server Blocked - Windows 10
 - Xpadder Profiles
- GNS3 - Network Simulation
 - General GNS3 Configurations - Non-Version Specific
 - GNS3 - Cisco IOS Router Integration
 - GNS3 - Cisco IOU switch integration
 - GNS3 IOU VM on Hyper-V
 - GNS3 - Qemu Integration
 - GNS3 - VirtualBox integration
 - GNS3 - VPCS integration
 - GNS3 - Windows LoopBack integration
- MultiBoot ISO-USB
 - Create Multi-Boot ISO
 - Create Multi-Boot USB
- VLC
 - Control - Set subtitle font size in VLC
 - Run VLC in Portable Mode
 - Tweak VLC for use with Kodi - Auto Full-screen - Auto Exit - Network Cache
- Windows 8.1
 - Remove "Folders" from "My Computer - Win 8.1"
 - Remove Windows 8.1 Metro Apps - Script
- Windows 10
 - Add Trusted Site via Group Policy
 - Automatically Mount VHDx - VHD - File - Command line - Script - CMD - Mount and Unmount at boot - shutdown - Windows 10
 - Block Windows 10 Spying - known IP's and Add Host files to block data mining by Microsoft!
 - BlueTooth Stack
 - Completely Remove Intel Bluetooth Stack - Windows 10
 - Install Toshiba Bluetooth Stack - Windows 10
 - Change Product Key Windows 10 via RUN
 - Create Custom Windows 10 ISO
 - Convert install.esd to install.wim via PowerShell with dism
 - Create custom install.wim with WinPE
 - Create WinPE ISO for Windows 10 Custom ISO
 - Install Windows 10 ADK for Making Custom Windows 10 ISO
 - SysPrep failed to remove apps for the current user 0x80073cf2.
 - SysPrep - Windows 10 Custom ISO
 - Windows 10 Custom ISO GUI Tools

- Destroy Windows 10 Spying
- Disable Password Expiration - Windows 10
- Disable Windows 10 Education Watermark
- Disable Windows 10 Updates
- Enable Windows Thumbnails
- Install Custom Themes for Windows 10
- Install Second Printer Copy - Windows 10
- Internet Options to add Local Intranet Trusted Site Greyed Out
- Move Windows 10 User Folders to Network Share
- Remove Edge - Windows 10
- Remove OneDrive from Windows 10 - Script
- Remove Windows 8 8.1 10 UAC Completley
- Remove Windows 10 Metro Apps
- Restore Old Windows Calculator - Windows 10
- Restore Windows Photo Viewer in Windows 10
- Share Printer via SMB - Windows 10
- Store Can't Be Opened Using The Built-In Administrator Account - Windows 10
- Uninstall Windows 10 Cortana Completely
- Upgrade from fresh Windows 8.1 x64 to Windows 10
- Windows 10 Built In Screen Recorder
- Windows 10 Optimal Privacy Settings
- Windows 10 - Post Install Checklist
- Windows - Screen Record to GIF
- Windows Personal Generic
 - Automatically run script at boot - shutdown - login - logoff - Windows
 - Benchmarking - Windows Software
 - Check if BIOS is UEFI or Legacy From Windows
 - Convert RSA id_rsa OpenSSH key for Putty and Configure Putty
 - Create Shortcut to Network Interfaces
 - Disable FileBot Update Nag
 - Enable Net 3.5 Framework from Install Media - No download or network connection needed
 - Enable WebCam - Clevo w230SS
 - Generating Movie from Photo Album with Sound Track on Windows
 - HandBrake (GUI or CLI) Rotate Video
 - Launch Windows Program from Keyboard Hotkey
 - Make VLC Open on Second Display - Windows 10 - VLC 2.2.6
 - Manually Edit Windows Host File
 - Remove "Open File - Security Warning" - Windows 10 - Network Share
 - Remove new line Characters in GEdit for Windows
 - Repair Windows BCD MBR Bootrecord from Command Line with just ISO
 - RetroArch won't start - Error the instruction at 0x referenced memory at 0x could not be written or read
 - Stop Outlook Calendar asking for PST
 - Windows 10 N - Install Media Feature Pack
 - Windows Start Folder Location(s) - (User and AllUsers)
 - WinPE ISO with Desktop and WiFi - 500mb Non-Persistent OS - USB Bootable - 7-8.1-10
 - WinPE WaikTroubles
- Windows - RDP - Remote Desktop
 - Enable RemoteFX USB Redirection - Share USB Devices like Xbox 360 Controller over RDP - Remote Desktop Protocol - Windows 10
 - Reboot from inside Remote Desktop
 - Remote RDP for Windows - Create Custom Port and Add Rule to Firewall with Command Line
 - Secure RDP via Account Lockout Policy - Prevent Brute Force PWD Attack
 - Setup Windows Remote Desktop - RDP - To Use SSL Cert
 - Windows - Certificate - SSL - File Location
 - WinRM - PSRemoting - Setup Remote Management via WinRM and Remote Powershell
- Windows - RegEdits
 - Configure Xbox GameBar in Windows 10 via Registry and Powershell
 - Disable UNCPatch Check - Windows Batch
 - Fix Hyperlink in Microsoft Office - Your organization's policies are preventing us from completing this action
 - Hide or Expose Networked Drives in Windows
 - Remove "Folders" from "This PC" - Windows 10 RegEdit
- Windows Server
 - Add Servers to Server Manager 2012 R2 without Domain
 - Block Specific Metro App With AppLocker - Packaged App Rules
 - Create Shortcut(s) on Desktop with Group Policy
 - Disable or Enable ICMP Ping Windows Firewall
 - Disable Password Expiration Windows Server 2012 R2 + Password Complexity Rules
 - Domain Controllers
 - Add Server Core to Domain - Windows
 - List All Domain Users via PowerShell
 - Setup Windows Domain Controller on Server Core Installation - 2019
 - Install Desktop Experience with Powershell

- Install OpenSSH - Windows 10
- Redirect Documents folders to Network Share with Group Policy
- Windows Server Core
 - Configure Server Settings via Powershell - CMD

WordPress

- Backup WordPress Sites with CRON
 - Backup WordPress Site with Crontab - Tar and SQL dump script
 - Restore Wordpress Website from TAR and SQL dump
- Change WordPress URL and Fix broken Images
- Fail2Ban WordPress Installation
- Installing WordPress - Ubuntu
- Install Wordpress - CentOS 7
- Install Wordpress - Docker-Compose
- Migrate Wordpress Site via All-In-One Migration Plugin
- Self Hosted Site Uploading
 - Add From Server - Add files uploaded to server manually to Media Library
 - Change WordPress Upload Limit - Self Hosted Website
 - Enable WordPress Uploads to Server without FTP
 - Remove "file type is not permitted for security reasons" - Wordpress Uploads
- Styling Options
 - Fix WordPress broken Visual Editor
 - Posts to Pages - Add WordPress Posts to Specific Pages
 - Strike Through Text in WordPress
 - WP Code Highlight - Insert Code to Code-Box

XSL

- XSL - Comments
- XSL - If - Else - When - Otherwise - Choose
- XSL - SubString
- XSL - Template - Functions
- XSL - Variables

NVidia

- NVidia - Cuda - PYTorch - Docker-Compose