

Free Software Servers

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



Android

- Flashing Files on Android
 - Dirty Flashing Steps
 - Fastboot
 - Fastboot Commands
 - 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

Atlassian Software

- Backup Atlassian Software with Script - DB Dump - TGZ
- Bamboo
 - Install Bamboo - Ubuntu Server 14
- Confluence
 - Confluence HTTPS SSL Reverse Proxy via NginX
 - Copy {noformat} code from Jira to Confluence - Wiki Markup
 - Enable Custom Backup Locations
 - 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
- Jira Software
 - Install Jira - Ubuntu Server
 - Jira HTTPS SSL Reverse Proxy via NginX
 - Locked out of Jira Software - Gain Access via Command Line - CLI

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 Dependencies - 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
 - 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

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

E-Mail - Linux

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

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
 - Integration Services - Ubuntu Debian - Hyper V - Apt-Get
 - 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 Customizer 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
 - 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
- Bashrc Aliases
- 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
- Dirty Cow
- Disable Laptop Sleep Lid Close - Server - SystemD
- Disable StrictHostKeyChecking SSH
- Download Entire YouTube Playlists - Extract Audio - Linux
- 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
- 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
- Port Forward Vyatta
- Ports and Commands to Open or Close them - FirewallD
- Ports and Commands to Open or Close them - UFW
- PowerPanel PWRSTATD - Conifugations
- 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
- Unpack - Unzip - OVA - Linux CLI
- Validate 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

Microsoft Office - VBA - Macros

- 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
- Check if File Exists - VBA
- Check if FIND Variable is NULL - Excel VBA
- Check Variable for Special Characters - VBA
- Compile Error: Expected variable or procedure, not module - Macros - Microsoft Office
- Convert Column Number to Letter - Excel VBA
- Create File with VBA
- Create Input Box with Default Setting - Office VBA
- Creating an Update MsgBox that only runs once with VBA
- Display Variable in MsgBox - VBA
- Forcing or Changing Value to Capital Letters in VBA
- Global Variables in VBA
- Input Box - VBA
- Microsoft Excel - VBA
 - Call Sub from Separate Excel Add-In - VBA
 - Check Cells for Multiple Strings with VBA using InSTR
 - Check if Cell IsEmpty with VBA
 - Check if Value is Numeric - Excel VBA
 - Close Open Workbook in Excel VBA
 - Convert ActiveCell or Range to Column Letter in Variable - Excel VBA
 - Copy Text to Clipboard - Excel VBA
 - Delete Multiple Columns Simultaneously - Excel VBA
 - Delete Rows in Excel VBA
 - Disable warning: You copied a large amount of data onto the clipboard - Excel VBA
 - Distributing Macro via Add-In - Customized Ribbon - Via Batch
 - Excel VBA Color Index
 - Excel VBA - Font and Borders Settings Etc
 - Excel VBA to use all filled cells in columns
 - Find ActiveCells Column Header
 - Finding Last Used Column or Row
 - For Each Cell in Range of Cells - VBA
 - Function to Check if Sheet Exists - VBA
 - Get Column Letter from ActiveCell via Sub - Excel VBA
 - Have Macro run on Workbook Open - Excel VBA
 - Import CSV - Excel VBA
 - Insert Value into cell near selected cell - Excel VBA
 - Pivot Tables with VBA
 - Check if Pivot Table Exists and Delete - VBA
 - Create Pivot Table with VBA
 - Function to check if Pivot Table Exists - 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
 - Save New Workbook - VBA
 - Select All Cells with Data - Excel VBA
 - Set Cell Font to Text White and Background Black - Excel VBA
 - Setup Print Procedures in Excel VBA
 - Sheets and Excel VBA
 - Use Column Number in Range - Excel VBA
 - Use MsgBox to display Range - VBA
 - Use Row of Active Cell
 - VBA Regex Search
 - RegEx Add-In for Excel VBA
 - XLStart Locations
- Microsoft Outlook - VBA
 - Automatically Save Attachments From Specific Sender or Domain 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
- Microsoft Word - VBA
 - Adding Serial Number or Incremental Number to Word Document at Print Time
 - Create Simple Greeting Macro - Word - Microsoft Office
 - Disable Small Margins Warning - Microsoft Office - Word - Macro
 - Final - Before Print Macro
 - Run Macro Before Printing - Word - Microsoft Office
- Multi-Line MsgBox in VBA
- Save Document - Microsoft Office - Macro
- Search AKA Grep for String in Text File with VBA
- Simple VBA Template
- Split String into Array of Characters - VBA
- Use Windows Environment Variables like %APPDATA% in VBA
- Using "Case" Statements with VBA
- Using Functions in VBA to get Result
- VBA - 1 Hour From Current Time - DateAdd
- Write to Existing Text File with VBA
- Yes or No Input Box - VBA

My Tech Toys

- Deprecated Servers
- My Current Server(s)
- My Custom Laptop :) <3
- Routers
- SmartPhone(s)
- VoIP Dect Phone(s)

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
 - 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
 - Compile Latest Source Code - XYMon
 - Compile XYMon .DEB
 - My XYMon Custom Scripts
 - Adaptec RAID Monitor - XYMon - Ubuntu
 - Asterisk - XYMon - CentOS
 - Custom Script Template - XYMon
 - 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
- 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

- Install XYMon-Server Ubuntu
 - Add UPTIME Column for all Linux Guests
 - APT-GET Install XYMon - Ubuntu
 - Install XYMon - Compiled 4.3.27 Version - Ubuntu 14
- 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
- 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)
 - 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
 - Restart NginX and Test Configuration
- 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
 - NFS Mount Options Explained
 - 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

- SAMBA (Windows Shares)
 - Configure SAMBA - SMB - Network Share
 - Grant Write Access Based on IP in Samba SMB
 - 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
- SSH (Secure Shell)
 - Linux SSH
 - Install SSH with Pre-Created RSA Key
 - Setup OpenSSH Server and Create new RSA Keys
 - Windows SSH
- VPN (Virtual Private Network)
 - OpenVPN
 - 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

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 Effectted 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

Raspberry Pi - Raspbian OS

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

Structured Query Language (SQL)

- General SQL
 - .my.cnf variables
 - Check for locked tables - Show Process list - MySQL
 - Create SuperUser 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
 - 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 mysql root PWD to Blank
 - User Permissions MySQL Queries
- Install PHPMyAdmin
- MariaDB
 - CentOS - MariaDB
 - Configure Galera Cluster - MariaDB 10.1 - CentOS 7
 - Configure GARB - 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
 - Check Cluster Size
 - Maria Repo Generator URL
 - Ubuntu - MariaDB

- Install MariaDB Ubuntu
 - MariaDB Galera Cluster - Ubuntu 16
- MySQL
 - Comments Removed - Default My.CNF - Ubuntu 14 Default
 - Execute MySQL Command from CLI
 - Install MySQL 5.7 on Ubuntu 14
 - MySQL - Replication Setup Scripts
 - Test Remote SQL Access

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
 - 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
 - Install Adaptec Raid Controller ARCCConf - 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 WebMin - Ubuntu
 - Set up X11 VNC in one command - Ubuntu Desktop or Server 14.04
 - 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
 - Recover Files with EXTUNDELETE - MDADM - UBUNTU
 - Remove PPA - Ubuntu 14.04 x64 CLI
- HandBrake
 - Convert videos recursively with Handbrake script HandbrakeCLI
 - Install HandBrakeCLI latest or stable
- Kodi - Ubuntu
 - Delete Kodi SQL Databases and Start Fresh
 - Install Kodi 16 on Ubuntu 16.04
 - Setup Kodi to use MySQL Backend with MariaDB on Ubuntu 16
- MDADM
 - MDADM MD0 Configuration - RAID 5 with existing data - Creating Degraded Array + Adding Disk to Mdadm
 - Migrate MDADM to new Server
- 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
- Plex
 - Install Plex - Ubuntu
 - Install UnSupportApp store Plex - Ubuntu Server
- Security
 - Fail2Ban
 - Fail2ban monitor HTPASSWD / HTACCESS authorization
 - 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

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
- 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 .startwinrc with Cygwin to autostart Virt-Manager - Windows 10
- Scripts - CMD-BAT-PS1
 - Access CMD before Login Screen
 - Adding or Removing Printers via Batch Files - Windows
 - Automatically accept input in batch - cmd - without user hitting Enter
 - Call Variable from Another Batch File - CMD
 - Change IP Address with .CMD Files
 - Create .CMD that silently executes with no open window
 - Embed VBA in Batch/CMD
 - Fix: We can't verify who created this file - Open File Security Warning - Windows 10 - Not Outside Local Network LAN
 - Forcing Valid User Input in Batch/CMD
 - If Var = String - Batch
 - Open Multiple Webpages in same Browser Instance via Batch/CMD File
 - PowerShell - Change network type - Private Public
 - Push Current Running Directory inside Batch File - Run VBS in same directory
 - Reboot to safe mode CMD
 - Reset Local Admin Password Windows
 - Restart BT - Bluetooth Service from PowerShell
 - Set Global Variable in Batch CMD
 - Simple Enter Yes or No Batch - CMD - Input - Windows
 - Stripping down to just User-Folder from %USERPROFILE% - BATCH
 - Timed Ping Windows - Linux
 - Using Input from External Program in Batch - CMD
 - While Loop that checks for exe process running
- Windows Personal
 - Create Task to Autostart Executable with Admin Privileges

- 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
- Kodi
 - Disable Controller Input - Xbox 360 - Kodi 17.6 Krypton
 - Install and Connect Emby Server with Kodi 17 Krypton
 - 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
- Microsoft Office
 - Outlook
 - Add Student .EDU or Bussiness - G-Mail managed account to Outlook
 - Export Rules from Outlook to Share with another Clie
 - Move Outlook to new Windows Install
 - Open OST in Outlook
 - Word
 - Creating Custom Document Property in Microsoft Office Word
 - Enable Proofing Microsoft Office 2013
- 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
 - 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
- 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 Optimal Privacy Settings
- Windows 10 - Post Install Checklist
- 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
 - 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
- 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
 - Install Desktop Experience with Powershell
 - Redirect Documents folders to Network Share with Group Policy

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
- 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](#)

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 Weekday/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](#)

Temp