deephone

Proficiency Levels 😎

Genius, Expert , May need to google, Hours work, lot of reading, Interested/experimenting with.

Acronyms see this, [https://wiki.he.unix.za.net/doku.php?id=acro-all] Daniels CV [https://deesceevee.he.unix.za.net]

Operating Systems:

- **Linux** Fedora, RedHat, Centos, Linux 2, Debian, Arch, Canonicals UBUNTU [18.04/20.04/22.04], Microsofts WSL, Puppy Linux.
- **Bsd** FreeBSD, NetBSD, TrueNAS
- **Microsoft** WinXP, Win2K, Vista, Win10, Win11
    - Server: Windows Server to 2016, Windows Server 2016-2019, Windows Server 2022
- **Android**
    - adb/devopment, adb shell scripting.
    - root access
- RouterOS 6/7 </(**Mikrotik).**
- Cisco IOS
- btw I use ARCH

Protocols/Speeds

- Voip/Sip, Ipv4, Ipv6, Tcp/IP, Lans, Wans, SD-Wans.
- 100Mb/s, 1Gb/s, 10Gb/s,100Gb/s, 300/400Gb/s
- Sfp, Sfp+, Sfp++, Sfp28 (25Gb/s)
- DNS (bind/unbound and router configurations)
    - Registration, configuration
    - MX, TXT, NS, PTR on Ipv4/Ipv6

Network Hardware

- Routers, Switches, cabling, POE cabling.
- **Mikrotik**
- **Ubiquiti/Unifi**
    - Unifi management
    - Ubiquiti Unifi managed WiFi access point full network deployment and management with unifi/controllers.
- Wireless
    - 2.4 Ghz, 5Ghz, WiFi 5, 60 GhZ, Wifi 6, WiFi 6E, LoRa wan network,
    - ~~802.11a, 802.11b~~ 802.11n, 80211ac, 802.11ax
    - Juniper (JUNOS/JNCIA/JNCIS)

Network routing/switching.

- Bgp, OSPFv3 (Ipv4/Ipv6), rip-ng(Ipv4,Ipv6), CARP, Cisco WCCP.
- **Switching:** stp, rstp, mstp, ..
- **VLANS** Design, routing, mstp, failover
- **Subnetting/Cidr** Ipv4, Ipv6
- **Frames:**
    - **Ethernet:** Standard and Jumbo - Ipv4/Ipv6/Vlans/Wans/Lans/
    - **Fibre:** Standard and Jumbo - Ipv4 wans
- **Queuing** CAKE, FQ_CODEL, RED, SFQ, FIFO, PCQ, PFQ, PFIFO, BFIFO, MQ PFIFO.

Storage

- **File systems**: zfs, ext[234], btrfs
- **Raids:** raid0/raid1/raid01/raid[3/5]
- **Network:** iSCSI, nfs

WebDev/WebSecDev/Gateways

- **Hosting**
    - Nginx, apache, Unifi controller, Tp-Link/Omada controller Caddy
- **Protocols/Frameworks**
    - php7, php8, Wordpress, Laravel, SAP R/3, flutter, Terraform, Cpanel.
- **Platforms**
    - **Cloud**
        - AWS, Microsofts Azure, self hosted/built.
- Openssl 1.1, Openssl 3
- HTTP 2, HTTP 1.0/1.1, HTTP 3, QUIC/HTTP/3.
- **Containers:** FreeBSD jails, Linux docker, kubernettes, AWS Ec2 Instances
- **Databases:** PostgreSQL/MySQL administration, clustering. AWS RDS.
- Log processing, common tools and using regex to parse logs.
- PayPal, Stripe

Programming/Scripting

- RegEx, ReGex on ReGex
- Ruby, Bash/Regex, json, scripting, php7, perl, python, Rust.
- Sip/rtp session control and routing, dialplan writing and routing.
- Git control, PLC programming
- bash, sh, grep, awk, sed, read
- VueJS, NodeJS, AngularJS
- package building(gcc/make/configure), package creation.

eMail

- SMTP, setup/administration/hosting.
- DKIM/DMARC setup/administration/hosting.
- Pop/Pops setup/administration/hosting.
- **Software:**
    - PostFix, Exim, sendmail, spamassassin

Virtualization

- bhyve, Virtualbox, KVM, Hyper-V, Vmware, Qemu, OpenStack
- **Intel** Intel® VT, Intel® Virtualization Technology for Directed I/O (VT-d), Intel® Data Direct I/O Technology, …
- **AMD:** AMD-V
- **Amazon** Intel(R) Xeon(R) Platinum

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