Conor Bone

IT SYSTEM ADMINISTRATOR · SECURITY ENTHUSIAST

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Skills

Microsoft	365, Active Directory, Group Policy, Hyper-V
Linux	Open SSH, KVM, Metasploit, Kali, Open-Source Information Gathering
Hardware	Rack-mount Equipment, End User Device Repair, Data Recovery, Network Installation

Experience

International Students House, London

229 Great Portland Street, London, W1W 5PN

IT SUPPORT ANALYST

Apr. 2022 - PRESENT

- Achieved and maintained NCSC Cyber Essentials Plus Certification - Organization Wide
  - Regular review of external and internal 3rd party penetration tests
  - Remediation on found vulnerabilities using ITIL based Change Control logged in our ITSM Platform
  - Preformed Internal Verification and penetration testing to Validate results
- Maintained and Verified PCI compliance
- Stand-up and deploy Onsite password management server
  - Set up a Hardened Ubuntu host using Ansible and Idempotent Infrastructure as code
  - Deployed Password management server application using Docker to assist with re-build/ re-deployment, in anticipation of data recovery efforts
  - Trained internal staff with 1-1 and group training
  - Created documentation for Independent staff training, and future administration and system management
- Proactively Monitor and respond to security alerts
- Microsoft Defender for Cloud and Endpoints
- ProofPoint email Filtering and scanning
- Previously Sophos Central
- Update and Patch local and remote endpoints
- Automated Windows winget management
- Ansible playbooks for automated Linux system updates, and docker container updates
- Manage Engine patch manager
- Support users through the Freshdesk Ticket System
- Support Azure Cloud and local Active Directory infrastructure
  - Hybrid Deployment management
  - Group Policy management with scoping and hierarchy review
  - Regular review of active and dormant accounts
- Office 365 Administration
  - assisted staff with use of the Microsoft 365 Online and local suite
- Server Administration
  - Hyper-V converged Infrastructure
  - Windows 16/19/22 Domain Controllers
  - Ubuntu & Docker Security Monitoring
- Networking Administration
  - DNS, VLAN, RADIUS & DHCP Management
  - SNMP & WMI Network Monitoring (PRTG, LebreNMS, Nagios)
  - Copper & Fiber Infrastructure Maintenance and installation
  - Cisco Meraki Switching infrastructure
  - Sophos Wi-Fi Setup, Management, and heatmapping
  - IP Phone Management Including training in Gamma - Horizon - polycom
- Supported 3rd party systems for other departments
  - PaperCut, ProofPoint email

The Howard Partnership Trust

IT SUPPORT ENGINEER

- Support users through the FreshDesk Ticket System
  - Writing support articles
  - Creating Scenario Automation's
  - Collaborating with agents on tickets
- Support Azure Cloud Infrastructure:
  - Intune Laptop deployment for offsite/ remote staff and students
  - Endpoint management and asset management of devices
  - AAD User and group management, synced to local Directory
  - Defender monitoring of cloud and local assets
- Support local Active Directory infrastructure:
  - Group Policy Implementation and maintenance
  - Distribution and Security Group Automation
  - User Account Creation and Management
- Office 365 Administration:
  - Exchange User, Calendar, Rules and Filtering Management
  - SharePoint Documentation, Service Sites, Secured Content Management and File Access
  - Teams Administration
- Server Administration
  - Windows 2008/16/19 Domain Controllers,
  - Debian & OpenBSD Ticket, Building, Access, and CCTV management systems
  - Tape and Magnetic Archiving
- Networking Administration
  - DNS & DHCP Management
  - Copper Infrastructure Patch Tracing
  - Fibre-Optic Splicing
  - Diagnosing Connection issues with Nmap and Trace Route
  - Ubiquiti & Aruba Wi-Fi Setup and Management
  - IP Phone Management Including training in Unify - OpenStage
- Supported 3rd party systems for other departments
  - PaperCut, SIMS, e-Reception, Viper CCTV

John Lewis Partnership

SUPERMARKET ASSISTANT

- Upholding the award-winning customer experience expected of Waitrose
- Personally handling customer complaints and query's
- Manage Stock of and Deliver Customers Delivered Orders

Personal Projects

Virtual Networking and Security Training Lab

Home lab

Solo Lead

2015 - PRESENT

- Windows 2016/19 Domain Controller
- Exchange Server
- Hyper-V, and vSphere Virtualisation servers
- PXE network Image Host and Software Mirror Repository
- Cisco and HP Aruba switching Equipment
- Kali and Metasploitable Attack and Target VMs
- Debian and Arch Media and home automation Servers
- Web and Compute Hosting

Drone Building and Training

Private Land

Solo Lead

Apr 2021 - PRESENT

- A2 certificate of competence - CAA
- Private Wedding Photography
- Custom built drones with flight automation and telemetry

Computer Hardware and Motherboard mods

London Hackspace

Solo Lead

Aug 2020 - PRESENT

- Using a Display port Line from the Internal Dock Connector to allow higher Resolution Internal screen
- Embedding a NFC Card reader into Palm Rest
- Addition of secondary WiFi Radio to support MITM attacks

London Hackspace

London

Member

Oct 2018 - PRESENT

- Micro Soldering
- CAD, 3D printing, and Laser Cutter Programming
- LockSport Practice

Education

North East Surrey College of Technology (NESCOT)

Epsom and Ewell, Surrey,

BTEC Level 3 Diploma in IT (Networking and Systems Support)

Sep. 2015 - Jul. 2017

- Organizational Systems Security
  - Endpoint Security
  - Network Security Devices
  - Threat Analysis and Threat Vectors
  - Physical Device and Environment Security
- Managing Networks
  - Designing a Simple Network Security Policy
  - Record and Make a Network Management Policy
  - Network Management Tools and Practices
- Systems Analysis and Design
  - Structured Analysis of Specific Business Processes
  - Produce a Requirement Specification for a Business Process
  - Generate Comprehensive Design documentation
- IT Troubleshooting and Repair
  - Hardware and Software tools to Troubleshoot IT problems
  - Communicate Effectively with Users during Fault Diagnosis activities
  - Maintain Data security and Integrity when applying fault remedies