

# Graham Beer

[LinkedIn](#) • [PowerShell Blog](#)

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## Professional Profile

*Focused. Driven. Proactive.* **PowerShell Expert** with 18+ years in IT infrastructure, specifically End User Services, Automation, PowerShell, Pester, SCCM, Office 365 and Azure. Known for a personable approach to clients and co-workers, adds value by taking responsibility, solving problems and sourcing opportunities to promulgate companies' success. Strong aptitude and desire to identify and automate repeatable tasks.

## Key Skills

Good understanding of SCCM Infrastructure - Boundaries, Site Server Roles & Parent/Child Relationships in Troubleshooting SCCM Issues • PowerShell • Pester • Git • GitHub • Office 365 • Azure • Excellent Knowledge in SCCM 2012 & Current Branch • MDT • Intune • Vagrant • Visual Studio 2015 • Hyper-V • VMware Workstation • VirtualBox • Chocolatey • Windows XP/7/8.1/10, Server 2003/2008/R2/2012/R2/2016 • Active Directory • Writing SQL Reports • Networking Concepts • DevOps tools VSTS/TFS

## Key Highlights

**Published articles on PowerShell.org:** <https://powershell.org/to-ping-or-not-to-ping-the-powershell-way/> / <https://powershell.org/2016/08/11/a-date-with-powershell/>

**Co-founded & organised sponsorship for UK South Coast PowerShell Group** – grown to 15 core users (2017)

**Created PowerShell Blog** to communicate, enhance and share expertise in PowerShell Automation

**PowerShell Developer – Specsavers:** Used PowerShell to save significantly on time (automating processes) & money (bringing in trainers) including:

- Created GUI with PowerShell code to perform tasks in Office 365
- Input large numbers of users into Azure AD & Office 365 into designated areas with PowerShell code

**Senior Infrastructure Consultant - Bournemouth University:**

- Developed PowerShell script that automated setting bios configuration to desired values on HP desktops, saving an initial week's work and as well as time taken to conduct continuous checks
- For annual rebuilding of all machines, created zero-touch solution with PowerShell to invoke time-set task sequence, preventing need for engineers to rebuild PCs & enabling more machines to be rebuilt at once

**Senior Infrastructure Engineer - The Automobile Association (AA):**

- Full accountability for AA's PC software and hardware estate, specifically Mobile Patrols IT infrastructure
- During large upgrade of all machines from Windows XP to 8.1, created a PowerShell script that automated process & hardened build to meet compliance – significantly reduced data compromise & impact to project
- Roll out of a business-critical tablet to home installation engineers within 2 weeks - created a portable solution using PowerShell, making incremental savings on 3rd party involvement

## Career History

**Apr – Sep 2017** **PowerShell Developer (Contract) | Specsavers**

PowerShell developer and windows automation specialist within Office 365 project.

- Developed tools in PowerShell to automate / simplify account management processes within: Azure AD; a multi-domain Active Directory forest; Exchange online; Office 365; SharePoint Online
- Implemented business processes in code to support account lifecycle management & role management
- Developed a graphical user interface in PowerShell to host tools and scripts
- Developed unit testing using Pester to help ensure code can be updated

**Aug 2016 – Apr 2017**

**Senior Infrastructure Consultant (Contract) | Bournemouth University**

Automation and SCCM specialist for Windows desktop project, within the Windows desktop team responsible for building, managing and supporting Windows throughout the university.

- Created customised reports in SCCM utilising SQL/SQL reporting services to assist desktop inventory
- Developed PowerShell scripts for DCM compliance evaluation/remediation
- Reviewed Best Practice documentation and transferred knowledge for new implementations
- Created zero-touch solution with PowerShell to invoke a task sequence at a required time
- Created Windows 10 build image using MDT for deployment in SCCM
- Upgraded SCCM 2012 to latest current branch version

**Oct 2014 – Aug 2016**

**Senior Infrastructure Engineer | The Automobile Association (AA)**

Senior Infrastructure Consultant within the Release Management team which built, managed and supported an SCCM infrastructure of 10,000 devices.

- Used PowerShell for automating and monitoring numerous SCCM administrative tasks
- Provided technical expertise for Windows 8.1 migration, package & application configuration/deployment strategies, operating system deployment, and site hierarchy configuration settings - developed PowerShell code to support an essential 20-year-old application, saving significant amounts on developers
- Performed SCCM Upgrade, used PowerShell to enhance functionality in SCCM, and installed and configured Windows Server 2012 for SCCM
- Documented SCCM architecture and build process; created support documentation
- Administered Intune for device management and delivery of applications and integration with SCCM

**Jan – Oct 2014**

**Client Engineer - Modernisation Project | B&Q / Kingfisher**

Secondment to facilitate £10 million desktop modernisation programme.

- Utilised LANDesk Management Suite and LANDesk Security Management Suite to manage/maintain desktops; test, schedule and distribute packages; and create Endpoint Protection Policy management
- Maintained Windows 7, 8 and 8.1 images using ImageX and DISM tools
- Created software packages encompassing scripting with batch files and PowerShell

**Feb 2007 – Jan 2014**

**Senior Client Infrastructure Analyst | B&Q / Kingfisher**

3rd line Microsoft Windows client infrastructure and support Analyst, managing ad-hoc software installation, rebuilds, user queries and requests, troubleshooting desktops, laptops and servers as well as network issues including LAN/WAN, VLANs TCP/IP/DNS, WINS, DHCP and VPN.

**Jun 2001 – Feb 2007**

**Retail Application Senior Support | B&Q**

2nd Line IT support for UK B&Q stores including Windows and UNIX issues escalated from Service Desk.

### Professional Training and Certifications

Implementing Microsoft Azure Infrastructure Solutions (M20533) • Microsoft Azure Fundamentals (M10979) • Implementing Microsoft Azure Infrastructure Solutions (70-533) (Dec 2017) • Microsoft Certified Technology Specialist (MCTS): Administering and Deploying System Center 2012 Configuration Manager • Administering System Center 2012 Configuration Manager (M10747) • Windows 7, Enterprise Desktop Support Technician Course • Bytes Fundamentals of Windows Server 2008 Course • LANDesk Training Course: Overview of Fundamentals, Patching, Deployment & AV Management • ITIL: Overview of Widely-Adopted Approach to IT Service Management • GNVQ Level 3: Advanced Information Technology and Intermediate Technology