

The Ashcombe School Network Facilities

Windows server infrastructure – There are 14 virtual and 5 physical Microsoft Windows servers, running a mix of Windows Server 2008 R2 and 2012 R2 and Server 2016 operating systems, split over two domains that exist within a forest trust.

VMWare infrastructure – There are two physical VMWare EXSI servers running VMWare vSphere 6.7

Backup infrastructure – One physical server running Veeam 9.5 update 4 backing up to QNAP NAS and HP LTO6 Tape Library.

The network – We have a fault tolerant network of 42 managed HP Procurve switches, and 50 Unifi APs

ICT suites – We have 30 rooms which contain student desktops, including 15 rooms that have at least 23 computers, with some having as many as 35. All ICT suites are running either Windows 10 or Windows 7. The software provided differs from room to room, with examples being Adobe CS6 suite, Adobe Premiere Elements, Sibelius, Cubase and Sanako software.

Staff computers – All teaching staff use an encrypted Windows 10 laptop. Additionally, there are desktops in classrooms, work rooms and in various offices. Staff desktop computers are still running Windows 7 Enterprise 64 bit.

Person Specification: Deputy Network Manager

Essential	Desirable
<ul style="list-style-type: none"> • The ideal candidate will have a good working knowledge of the following... <ul style="list-style-type: none"> ○ Windows 7/10 ○ Windows Server 2012/2016 ○ Office 365 ○ Active Directory and Group Policy ○ DHCP and DNS ○ Networking / switch management • The ability to ensure that the schools networks are performing well, configured appropriately, secured, and monitored – to ensure that the school’s ICT is “safe, secure and working” • Working knowledge of VLANs • Working knowledge of network cabinets, patch panels and Cat5e cabling • Excellent analytical skills • Excellent verbal and written communication • An innovative and positive attitude • Ability to work independently as well as part of a team 	<ul style="list-style-type: none"> • Certifications such as MCP / MCSA / MCSE or hold other industry recognised qualifications • Previous experience of working within a school environment • The capability to support scripts in various scripting languages such as VBScript, Kixtart, Auto-It, Power Shell • Familiarity with Capita SIMS.NET • Working knowledge of a Smoothwall UTM • Experience of a managed wireless network solution such as Ubiquiti Unifi • Experience with VMWare • A working knowledge of any of the following in a Microsoft environment... <ul style="list-style-type: none"> ○ File and print sharing / FSRM ○ Exchange ○ IIS ○ SQL ○ Forest trust ○ SCCM ○ Microsoft Deployment Toolkit