‍‍Shane Ellis – I.T Contractor

65 Mossdale Close, Whittle Hall, Warrington, WA5 3RZ    Shane.Ellis@thinkallsolutions.co.uk 07449941789

Personal Statement

Working within the IT industry for 18 years, am a proficient IT Contractor with a vast skill set which enables me to work within many teams. I can traverse team boundaries to provide end-to-end solutions while communicating at all levels. I am proactive in my approach to ensure objectives are met while conforming to best practice and following strict change control procedures. From high-level solution design to low level troubleshooting, my wide skillset has been of huge benefit to the many teams I have worked with.

Always eager to develop myself and train others, I always ensure team members have complete documentation (LWI) of solutions I am involved with and have provided many training sessions in my career.

Skills Matrix

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Technology | Experience |  | Technology | Experience |
| VMWare ESXi 3,4,5,6 & vSphere | 10 Years |  | Windows Svr OS Administration | 18 Years |
| VMWare SRM | 3 Years |  | AD / DNS / GPO / DHCP / IIS | 16 Years |
| VMWare Horizon | 2 Years |  | WSUS / Cert Svc | 9 Years |
| Microsoft Hyper-V/SCVMM | 3 Years |  | SCOM | 2 Years |
| Citrix Winframe > 6.5 | 12 Years |  | SCCM | 3 Years |
| NetApp SAN | 10 Years |  | Cisco 1G Catalyst & 10G Nexus | 4 Years |
| Dell Equallogic | 2 Years |  | Cisco ASA FW | 4 Years |
| App-V | 2 Years |  | Cisco UCS | 4 Years |
| Nexenta/Starwind/Thecus | 3 Years |  | Fibre Switches | 9 Years |

Contractor Career Summary

MULLER UK & IRELAND | 4 months JUNE 2017/SEPTEMBER 2017 – System Solutions Engineer

Muller are currently undergoing a multi-million pound transformation into a cloud based solution being lead by a 3rd party. This required the entire site to be fully documented and prepared for migration beginning in September. I was the SME responsible for fully documenting the estate to a very high technical standard and also correct any and all misconfigurations.

* VMWARE
* Standardize existing estate, conforming to latest patch releases
* Documentation of existing infrastructure consisting of 45 hosts within 17 clusters
* Recommendation and implementation of VMWare best practice solutions for Host, Network & SAN configuration
* Right-size of virtual machines to eliminate VM sprawl
* New templates & Customization for multiple OS’s with pre-installed software and scripts deployed to 13 sites
* Performed all VM deployments & Upgrade work following ITIL and strict change control
* NetApp
* Verify cluster configuration of 12 NetApp Clusters and 1 Metro Cluster
* Document existing installations and potential to double Filer utilization across all 13 sites
* Performed all NetApp configuration for new requirements under strict change control
* SCCM
* Removal of Endpoint Protection from server estate and replaced with McAfee AV via SCCM deployment
* Found multiple configuration issues and highlighted them for change through CAB
* Migration of 321 Clients from SCCM 2012 to SCCM 2016
* Print Solution
* New ‘Follow Me’ print solution ‘PaperCut’ installed into a Clustered solution for multiple sites
* All setup and configuration with circa 200 printers
* Windows Clustering
* Removal of all Windows clusters from the estate
* Work completed in test to show the dismantling of a Windows Cluster and the conversion of RDM’s to VMDK’s

Newbalance Athletic EMEA | 6 months September 2016/March 2017 – System Solutions Engineer

* CISCO UCS
* Upgrade of existing VMWare estate hardware utilizing Cisco UCS
* Performed sizing recommendations and procured equipment below budget
* Performed UCS installation and configuration including all networking requirements utilizing 10G making cost savings on purchased ‘Professional Services’
* Solution was extensively documented and submitted to USA Team leads where approval was obtained
* Local Working Instruction documentation provided to team leads as well as thorough training
* VMWare
* Defined project plan to migrate existing vSphere 5.5 to 6.0 for the Warrington Datacenter and manufacturing plant at Flimby, falling inline with Cisco UCS implementation
* Configuration of new VMWare clusters, moving entire solution to VDS backbone architecture from 1G LACP trunks
* All Virtual Machines migrated to new solution with no downtime
* Again, solution design was submitted for USA Team approval
* NetApp
* Analysing existing FAS2220, performance improvements were recommended and implemented. I later configured this FAS as a test environment system for VMWare and repurposed the additional DS2246 shelf’s to the FAS2550 in Warrington and FAS2520 at the Manufacturing plant in Flimby, Cumbria
* Procured new NetApp FAS2550 for Warrington Datacenter as I brought UCS in under budget
* Performed all aspects of FAS2550 installation, configuration and SVMotion of all VMWare virtual machines, eliminating Professional Services costs
* Full solution documentation was provided for the work as well as detailed Local Working Instruction
* Microsoft SCCM / MDT & WDS
* New automated deployment solution comprising of multiple OS images and applications
* Setup new dedicated build VLAN for multi-site rollout with linked Deployment Shares
* Replaced existing Symantec AV solution with SCEP for all of EMEA
* Cisco Meraki
* Solution implementation for Device Management incorporation DEP and VPP
* Policy creation for multiple locations around Europe
* Automated Application installation for New Balance Store Apps
* GeoFencing of all devices
* Extensive training was provided as part of a thorough handover
* APC UPS
* Existing Data Center UPS upgrade of 30KVA including additional UPS By-Pass systems
* Total Datacenter shutdown and install of new UPS equipment procedure undertaken by myself and CDW engineers OOH
* NetBackup
* New NetBackup 7.7.3 solution design and implementation procedure submitted to USA Teams
* Complete install and configuration completed using local disk storage for immediate restore of VM’s and archive data solution to off site CommVault environment with 7 Year retention policy

JD Williams / Sopra Steria | 6 months April 2016/september 2016 – System Solutions Engineer

Due to a large company restructure and outsourcing IT to Sopra Steria, there was an urgent requirement for highly skilled contracted staff to come onboard to replenish key skillsets temporarily until the permanent roles were filled. The key roles and responsibilities I was assigned are as follows:

* Documented HP Blade Infrastructure, VMWare estate, App-V Solution, Symantec Anti Virus, WSUS Patching & Citrix XenApp 6
* Provided a consolidated ‘System State Overview’ with recommendations for upgrade and standardisation
* Provisioning of new XenApp Session Hosts in existing Citrix Estate to add capacity
* Provisioning of VMWare ESXi hosts to existing estate
* Provide required App-V Packages for running projects
* Design and implementation of new HA Citrix Solution for Off Shore Access with App-V integration
* VMWare template automation for Citrix builds
* Office 365 Administration
* MDM Management of 600 Devices via MaaS360
* 3rd line support for Citrix issues

 CoSocius | 1 year 6 months – System Solutions Engineer

* Multi-functional role across the Server, Storage, Network, Backup & Architecture Teams
* Analyse bottlenecks on 10G Networks using SolarWinds & found VCP to be issue – expanded to 40G
* Bottleneck found between VSS Catalysts – expanded to 20G
* Removal of 1G iSCSI stacks exchanging for 10G NICs
* Architecture design of UCS solution to expand VMWare Clusters
* Racking and cabling of UCS Nexus 6296 with 2 Chassis, layer 2 to Nexus 5000
* Initial UCS Manager FIC Configuration
* Configuration of UCS uplinks to Nexus 5000, Port Channel Config & Chassis Server ports & VLAN
* Integration of SolarWinds for Alerting & Config upload
* Creation of Service Profiles for UCS Blades
* Redesign of NetApp SAN to increase space availability and performance
* Relocated existing data to other storage and removed all Aggregates, Volumes & LUNs
* Resized root aggregate as per best practice
* Increased RAID PLEX size across multiple disk shelves
* Made use of NetApp ASIS (Deduplication), Vol Fractional Reserve, Flex Vols & Thin Provisioned LUNs
* All Aggregate Snapshots removed saving over 3TB while provisioning over 40TB on a 24TB SAN
* New Citrix 4.5 builds for published Apps and desktops and created Altirs Solution for Citrix 6.5 rollout
* Altiris installation for 6 fully populated HP Chassis’
* Custom OS image with additional scripts to add server to domain and install base applications
* Configured SCCM to deploy packages to Citrix 6.5 servers for separate Silos
* App-V Packaging of onsite developed Applications and tools
* Re-designed existing VMWare infrastructure & improved ESXi host performance
* Consolidated existing cluster numbers from 9 down to 5
* Analysed VCPU ratios and overlap for all 1,300 VMs and rightsized entire estate vastly increasing VM performance
* Migrated all ESXi hosts onto Nexus 10G Network with Virtual Distributed Switch configuration
* Corrected iSCSI binding issues due to multiple iSCSI VLANs being used, mapping VM’s to dedicated iSCSI Clusters
* Added VMotion network to Layer3 and SVMotioned VMs to main DC as part of DC consolidation project
* Performed Live migration from vSphere 5.1 to vSphere 6 new solution design consisting of:
* All ESXi hosts (32), 2 x Embedded vCentre Servers (due to SRM), vCOPS, Replication Appliance’s & 1,300 VMs
* All work performed with zero downtime to all service
* Introduction of new Cisco UCS solution design and installed
* Primary contact for all VMWare deployments, troubleshooting and general housekeeping
* Designed & Installed new Hyper-V (SCVMM) solution with EMC VNX SAN, DPM Backup Solution and Azure O365 Tennant
* Procured EMC VNX 45 TB SAN for use with Hyper-V & DPM
* Multi-node Windows 2012 R2 Hyper-V Cluster managed by VMM
* Configuration of FOCM, iSCSI 9kMTU, Library Server for Template Deploy, Cluster/VM Affinity & shared storage
* Azure Tennant configuration with AD Replication and license assignment for O365
* Datacenter consolidation Project across multiple sites
* 7 satellite DC’s containing all Dell & HP hardware, Dell EQL SAN’s, migration of all ESXi VM’s
* Reconfiguration of Active directory Sites and Services
* VLAN extension over site trunks
* Arranged secure disposal of all Server hardware (over 300) and HDD’s (over 700)
* WSUS Solution – creation of new system to replace current 2003 environment
* New solution to have DMZ WSUS update configuration and removal of Fire Wall configuration
* Freja Remote Access Solution with Token and Google Authenticate installation
* Freja Virtual appliance installation with front end Web Services and back end Application Servers
* Active Directory integration for user authentication with custom attribute creation to store authentication keys
* Windows upgrade project from Windows 2003 to Windows 2008 / 2012R2 for 300+ Physical and Virtual machines
* Obtained list of all Windows 2003 server from AD using VBScripts
* Liaise with change management and Apps teams to arrange upgrade of servers
* V2V servers into VMWare test environment for upgrade and document issues encountered
* Servers that could not be upgraded, apps were migrated to new Windows 2012 R2 VMs
* Physical Servers had Raid broken to perform upgrade but P2V was always first attempt
* Active member of the support team involved in day to day queries and key contact for support on all systems
* P1 Emergency escalation
* Produced extensive documentation of all systems many of which were involved in the multiple training sessions I held with the members of the teams I worked in.

CHeshire Shared Service | 1 year 4 months - System Solutions Engineer

* Multi-functional role across the Server, Storage, Network, Backup & Architecture Teams
* Citrix XenServer migration to VMWare project
* All XenServer VM’s successfully V2V’d into the VMWare Estate
* Removal of all XenServer services, Hardware, Software and eventually the XenServers themselves
* VMWare Dev/Test migration to Hyper-V project
* 50% of VMWare test environment migrated to Hyper-V solution for training purposes within the Server Team
* SAN Storage used was NetApp 3050 and re-architected by myself to provide dedicated Dev/Test Storage
* ASIS DeDupe schedules created and new Custom OS builds provisioned via FlexVol
* New vCenter solution was designed to isolate all Test VM’s using 1-1 uplinks and Cisco Access-Lists to lock down P2V communication to ESXi hosts only allowing VMWare converter access
* Windows upgrade project from Windows 2000 to Windows 2003 for 500+ Physical and Virtual machines
* Obtained list of all Windows 2000 server from AD using VBScripts
* Liaise with change management and Apps teams to arrange upgrade of servers
* V2V servers into VMWare test environment for upgrade and document issues encountered
* Servers that could not be upgraded, apps were migrated to new Windows 2003 R2 VMs
* Physical Servers had Raid broken to perform upgrade but P2V was always first attempt
* SCOM design & installation
* Creation of multiple management server structure to balance entire estate over 2,000 machines
* Initial configuration for Citrix environment and MS SQL
* Agent deploy to all Servers
* VMWare upgrade project v4 > v5, design & install
* Existing VMWare components taken into Test Environment for isolation including AD/DNS Servers
* Upgrade of vCenter, SQL and SRM performed in test to ensure positive outcome with process documented
* All issues captured and resolved prior to Live upgrade
* Entire solution upgraded with minimal downtime to vCenter while maintaining operations for service
* Automated OS deploy solution using Altiris & SCCM for 6 chassis HP solution
* Existing Altiris environment configured to include 3 new chassis’
* New VM built and HP Insight installed and configured for 6 Chassis solution
* BAU tasks for Server and Network teams
* Virtual and physical machine builds for deployment on projects
* Cisco network configuration tasks for Network Team 1G and 10G
* Remote site Network configuration of switches to tie into SolarWinds

Permanent Career Summary

Inrix | 1 years 2 months – Systems Engineer

* Active Directory upgrade and multi-site configuration With UK and USA
* Exchange solution upgrade
* Procurement of new SANs based on calculated requirements and projected usage
* Best technology research

itis Holdings | 4 years 8 months – Systems Engineer

* Design & install of BMW Connected Drive solution for Europe & Scandinavia
* Multi Datacenter installation across UK, Paris & Florence
* Install & Managed Large VMWare estate
* Large Windows Server rollouts for custom build SAT Nav Solutions across the world
* Install & Managed 7 NetApp systems
* 4th line Tech Support role for all systems
* Project management and design of APC HACS & new DC rollout

The Funding Corporation | 1 year 4 months – Systems Engineer

* Windows Server OS Installations and configurations
* Backup and Antivirus solutions
* Citrix App / Desktop
* Cisco Networking & Firewalls

LIMA Networks | 3 years – Systems Engineer

* Worked as customer facing Server engineer:
* Windows Server installations
* Exchange Server
* Citrix installations
* Hardware Installation of Server/PCs
* Remote customer support