Senior Network Systems Administrator Senior Network Systems Administrator Coatesville, PA John Durante, Senior Network Systems Administrator and computer science enthusiast with 20 years of experience, including systems engineering, and enterprise infrastructure architecture. He joined GES in 2005. John has served as network systems administrator for various six-figure and multi-site disaster recovery, integration, expansion, and improvement projects involving virtualization, routing, messaging, security, storage area networks, virtual private networks, wireless, unified communications, WAN acceleration, power, backup and replication technologies. He is experienced with researching, sizing, purchasing, cabling, racking, configuring, upgrading, patching, troubleshooting, and monitoring all aspects of the technologies. John is also experienced with writing documentation, training staff, selecting support plans, asset management, end-user support, IT facility maintenance and security, equipment recycling, software licensing, and shipping. Authorized to work in the US for any employer Work Experience Senior Network Systems Administrator Groundwater and Environmental Services Inc - Exton, PA November 2005 to Present Works closely with the Director of IT and the IT team on the formation and execution of GES's information systems strategy. Annually identified and implemented cost-effective IT solutions addressing problems and opportunities confronting the enterprise. Significantly contributed to a 66% reduction in inter-organizational VPN telecommunication costs while improving performance by divesting dedicated communication lines and WAN optimization equipment for high bandwidth public internet lines. Significantly increased information network security by installing, maintaining, and monitoring safeguards and countermeasures such as firewalls (network and mail), intrusion prevention sensors, web-filtering appliances, antivirus, MAC filtering, two-factor authentication, and patch management systems. Recently designed and implemented a system architecture solution at a remote alternate data center for IT business continuity and disaster recovery operations to prevent the disruption of business critical services. Significantly simplified data center management, hardware installation, resiliency, and scalability by presenting and subsequently implementing modular infrastructure. Senior Officer, Network System Administrator MBNA America Corp 2001 to 2005 Member of the Deerfield LAN Operations group within Hallmark Information

Services. Responsible for the administration of hundreds of multiplatform servers and storage devices in the Delaware region. Notable contributions include,   Revised and improved the backup procedures for multiple sites, participated in the identification and implementation of storage area networks and robotic tape libraries for storing, managing, and archiving large volumes of data. Migrated data from direct attached storage to storage area networks. Reported on storage capacity weekly.   Planned and managed parallel network migrations from Novell NetWare to the Microsoft Windows platform. Systems Administrator TeleSpectrum World Wide July 2000 to January 2001 Technical Analyst, Systems Administrator Comcast Cable/Cellular June 1998 to July 2000 Fulfillment Associate, Systems Administrator Progressive Business Publications May 1994 to June 1998 Education Great Valley High School - Malvern, PA Certifications/Licenses Windows 2003 MCSE September 2007 to Present Microsoft Certified Systems Engineer (MCSE) certification. Proven expertise in designing and implementing the infrastructure for business solutions. Training is based on the Microsoft Windows 2003 platform and Microsoft Windows Server System. Programming for Everybody (Getting Started with Python) December 2017 to Present This course aims to teach everyone the basics of programming computers using Python. We cover the basics of how one constructs a program from a series of simple instructions in Python. The course has no pre-requisites and avoids all but the simplest mathematics. Anyone with moderate computer experience should be able to master the materials in this course. This course will cover Chapters 1-5 of the textbook Python for Everybody . Once a student completes this course, they will be ready to take more advanced programming courses. This course covers Python 3. Python Data Structures January 2018 to Present This course will introduce the core data structures of the Python programming language. We will move past the basics of procedural programming and explore how we can use the Python built-in data structures such as lists, dictionaries, and tuples to perform increasingly complex data analysis. This course will cover Chapters 6-10 of the textbook Python for Everybody . This course covers Python 3. Additional Information SOFTWARE Application Hosting Parallels RAS v16 Citrix Presentation Server 4.5 Citrix Web Interface 5 Citrix XenApp Plug-in for Hosted Apps 11   Authentication   Duo Two Factor Authentication   RADIUS   Business

Management	ADP PC/Payroll 5.1	BST Enterprise 8.6.06 (professional services organization software)	Cloud	Azure	AWS	Google Cloud Platform	Database	Microsoft SQL Server 2008, 2005, 2000	Data Protection	Veeam Backup and Replication 9.5 Carbonite Replication 8.1 (DoubleTake by Vision Solutions)	Symantec Backup Exec 16	Disk Space Management	TreeSize Professional v6.3.6	Directory	Microsoft Active Directory v10 and previous	Endpoint Protection	Symantec Endpoint Protection Manager v14	Forcepoint Security Manager 8.4	File transfer	FTP	WinSCP	SendThisFIle	Internet Browsers	Internet Explorer	Chrome	Firefox	Edge	Meeting	GoToMeeting	Skype	Mobile Communications / Messaging	Microsoft Exchange Server 2016, 2013, 2007, 2003	BlackBerry Enterprise Server for Microsoft Exchange 5.0.2.28 BlackBerry Handheld Software versions 4.1.0.136	4.7.1.40	Network Protocol Analyzers	SolarWinds NetFlow Realtime 11	SolarWinds Real-Time Bandwidth Monitor 1	Wireshark 2	Operating Systems	Server	Microsoft Windows Server 2019, 2016, 2012, 2008, 2003	Client	Microsoft Windows 10, 7, XP	Ubuntu 16.04 LTS (Linux distro)	Patch Management	Microsoft Windows Server Update Services 10 (Management console 3)	Power	PowerChute Business Edition v9.5.0 (Uninterruptible power supply software)	Productivity	Adobe Acrobat 2017 Standard and previous	Microsoft Office Professional Plus 2016 (Word, Excel, PowerPoint, OneNote, Outlook, Publisher, Access) Microsoft Visio 2010	Programming Languages and Shells	PowerShell	Python 3	VMware PowerCLI	Microsoft Exchange Management Shell	Remote Access VPN, Intrusion Detection, and Firewall Administration	Cisco Adaptive Security Device Manager 7.8	Cisco Advanced Security Appliance 9.8	Cisco AnyConnect Secure Mobility Client v4.5	Remote System Management Software	Cisco Network Assistant v5.4 DameWare Remote support by Solarwinds v12	DellEMC OpenMange Essentials v2.4	Dell Integrated Remote Access Controller v7	OpenManage Server Administrator v8.5	Dell EqualLogic SAN Headquarters v3.3	PuTTY	Routing	Cisco IOS Software, C3750 Software (C3750-IPSERVICES-M), Version 12.2(44)SE2	Cisco IOS Software, 2800 Software (C2800NM-ADVSECURITYK9-M), Version 12.4(15)T6 DHCP DNS TCP/IP	Unified Communications	NEC Univerge 3C Administrator v8.5 NEC Sphericall Desktop v8.5	Virtualization	VMware vSphere with Operations Management 6

Enterprise for vSphere VMware ESXi, 6.5.0, 5969303 VMware vCenter Converter Standalone v6

VMware PowerCLI 6.5 Hyper-V v6.3   WAN Optimization and Application Acceleration   Riverbed

SteelCentral Controller v9 Cisco Wide Area Application Services 4.3.3   Web Security   ForcePoint

Security Manger v8.4   ForcePoint Web Security Content Gateway v8.4   ForcePoint Security

Appliance Manager v8.4 Websense Web Security Gateway Anywhere 7.6.2 (Triton Management

Server, Appliance, and Content Gateway)   Web Servers   IIS   HARDWARE   Data Center

Power   APC Smart-UPS 3000VA USB & Serial RM 2U 208V APC Smart-UPS 3000VA USB &

Serial RM 2U 120V APC Smart-UPS 2200VA USB & Serial RM 2U 120V APC Smart-UPS 750VA

USB & Serial 120V   Dell Computers   Desktops   Dell Optiplex GX620, 745, 755, 760, 790, 7010,

3050 (VC)   Notebooks   Dell D810, D820, D830, E6500, E5570, E5590   Tablets   Dell Latitude

5175, 5285 2-in-1   Servers   Rack mount   R530, R850, R860, R2850, R2950, R6850, R710,

R900   Towers   840, T300, T310, T320   Modular   FC630   Chassis   FX2   Dell Remote

Access Controllers   4/P, 5, 6, 7   Handheld Communication Models   Blackberry 8703e   Network

Systems   Application Networking Services   WAN Optimization and Application Acceleration

RiverBed SteelHeads CX1555M, CX570M   Cisco WAE-512 and WAE-612 Wide Area Application

Engines   Switches   Cisco Catalyst 3750G-48TS (stackable layer3) Integrated switching and

routing Dell PowerConnect 3448, 3448P (POE), 5324, 6024, 7048, X1000, N1524, N4032F

Brocade Silkworm 3200, 3250 entry fabric switches   Routers   Cisco 2821 ISR, 2900, 7200

Wireless   LinksysLAPAC1200 NetGear ProSafe FVG318 NetGear ProSafe WG103   Security

Firewalls   Cisco Adaptive Security Appliance 5505, 5506-X, 5512-X Barracuda Networks Spam &

Virus Firewall 400 ForcePoint Web Security V5000 G3   Interfaces and Modules   Cisco Advanced

Inspection and Prevention Security Services Module (AIP-SSM)   Device Type: ASA-SSM-10

Storage   Direct attached   Dell PowerVault TL1000 Dell PowerVault 134T, 132T robotic tape

library Dell MD 1000   ISCSI   Equallogic PS 6610ES, 6500, 6100, 6000, 5000   Fiber   EMC

Clariion CX300 disk arrays   Voice   AudioCodes (analog VoIP gateway)   MP-114 FXS_FXO

Desktop VoIP Phones   Polycom VVX400 Polycom SoundPoint IP 501 Polycom SoundPoint IP

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