**Darnette Nixon**

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**301-203-1573**

**Alexandria, VA 22314**

**SUMMARY**

**IT Professional with over 10+ years of experience with deployment application and migration server for various government agencies**

**Planning, design and integration of secure cloud environment.**

**In depth experience with public and private cloud providers Hybrid Cloud environment between the data centers.**

**Demonstrated experience with building IaaS/PaaS/SaaS cloud-based solutions including implementation AWS, Azure, Office 365, VMware ESXi 5.x / 6.x, vSphere, VMotion, VCenter, Site Recovery Manager (SRM), vRealize, (P2V), HA, DRS, and VDI storage.**

**Proficient in supporting data center in a heterogeneous environment and includes a mix of Unix, Red Hat, Centos, Ubuntu, Solaris, Windows, Database, Cisco IP network, and HA Custer Storage.**

**Experience with Enterprise IDS / IPS/ HIDS/ NIDS Malware Analysis engines like Fire Eye, Fortinet, Symantec, RSA, McAfee, Cisco, and Checkpoint**

**CLEARANCE**

Active: Public Trust

**PROFESSIONAL EXPERIENCE**

**MGB Enterprise, Lanham MD**

**AWS / AZURE CLOUD LEAD SECURITY November 2013 – Present**

* Responsible for design, development, and implementation of Cloud solutions
* Experience in Cloud Architecting, designing, implementing, and testing security with AWS / Azure / VMWare
* Provides thought leadership to provide guidance and best practices for the implementation of (IAAS, SAAS, PAAS) to support the Federal/Gov Cloud solution platform (IAAS, PAAS, SAAS)
* Lead in planning, implementation, and growth of our customer's Amazon Web Services (AWS) /Azure foundational footprint.
* Configure AWS application discovery Windows, Linux, and Database.
* Ensure communications and networking needs between Cloud and on premises Data Centers by connect with VPN direct connect.
* Making recommendation for technical standards, architect system design, configuration based on requirements and best practices for large and complex infrastructure projects
* Enforce policy guide with FEDRAMP, FISMA, NIST, 800.53, FIPS, SANS, CVSS, OVAL, CIS, OWASP, POA&M, RMF Frame Work Control and other documentation.
* Design, develop, and implementation AWS EC2, VPC, S3, IAM, AMI image, ELB load balance, Route 53, Elastic Beanstalk, Vagrant , Cloud Formation, Redshift, Cloud Front, Cloud Watch, Cloud Trail, Code Deploy, EBS Storage, Lambda Java , DynamoDB, OpenStack, Microsoft Azure, Office 365, API, Office 365, Virtual Network (VNets), Network Security Groups (NSG), subnets, Network Security Groups (NSG), VMware ESXi 5.x / 6.x, vSphere, VMotion, VCenter, Site Recovery Manager (SRM), vRealize cloud solution, HA, DRS, VDI, Hadoop, MongoDB, Apache Hadoop, Cassandra Hadoop, Oracle 10g/11i/12c, Web Logic, NoSQL, Postgres SQL, Citrix, Windows, Microsoft SQL Server 2008/2012, HA Clusters, Adobe Cold Fusion, LAMP, Apache Maven, Eclipse IDE, NGINX, Apache, Tomcat, PHP, GitHub, BMC Remedy, BMC Patrol, Drupal, Word Press, and Storage( Hp Blade, IBM PS series, EMC, Dell PowerEdge , M1000e blade servers, Dell Switch) .
* Configure AWS / AZURE VM application discovery Windows (2012/2008/2016/10), Linux (RHCE 6, 7x), and Database
* Connect VPN, IPsec, iptables, and Amazon VPC integration with data center
* INSTALL AND CONFIGURE of Cloudera Hadoop clusters, Apache HDFS Spark/MapReduce routines
* Experience providing the deployment, configuration, and maintenance of open source and proprietary software in order to provide optimum system performance and availability
* Experience in secure database, database authentication tools, database firewall and Encryption in (Oracle DBMS, Cassandra Hadoop, MongoDB, DynamoDB, MySQL, PL/SQL, PostgreSQL, Git Hub, Oracle/Web Logic (10g, 11g, 12c), Microsoft SQL Server 2008/2012)
* Assists in establishing and implementing a Continuous Diagnostics and Mitigation (CDM) capability with integrated security controls by

Apply SLA /Agile agreement for configuration management tools SERENA (RM, SBM, PVCS), SERVICE NOW, Manage Engine OpManager, IBM Clear Quest, BMC Remedy, IBM Clear Case, JENKIN, ANSIBLE, Confluence JIRA, CLOUD FORMATION JSON, SALESFORCE, REMEDY, GPO, SCCM, WSUS, Satellite, Kick Start, Power Shell, YAML, Azure API, Spacewalker, Perl, Python, Curl, Ruby, JBOSS, and Code Deploy.

* Hands-on experience with AWS/ Azure provisioning, disk storage, file systems, Acronis Backup, cloning, snapshotting, logical volume management, cpu, memory, and network remediation as well as Application installation, support, testing, and troubleshooting
* Hand-on import and export VM (Windows, Linux, VMWARE) with Azure ARM Azure Site Recovery into AWS or Azure.
* Deploy, manage and securing Microsoft Windows 7, 8. 10, Windows Server Foster Services 2008/2012 R2 architecture design and implementation (10,000 users in a systems environment 10,000 servers).
* Work with application and architecture teams to conduct proof of concept (POC) and implement the design in production environment in AWS / AZURE.
* Experience in leading security role by designing, and implementing enterprise security solutions Web security (OWASP, WAF) Akamai, Web Goat, IBM Web INSPECT, CLOUD FRONT, CLOUDFORMATION, Qualys, Cat Bird, FORTiWeb, BARRACUDA, MCAfee Sidewinder, MCAfee (DLP) Data Loss Prevention, anti-malware, IDS/IPS/HIDS/NIDS ( Check Point, F5, Fortinet, Fire Eye, Cisco ASA Firewall, HTTP/HTTPS Redirect, Penetration and vulnerability testing (IBM Tenable Nessus, IBM BigFix, NMAP, OSSEC, OpenVAS, SCAP, Fail2Ban, TCPDUMP, Manage Engine OpManager, Service Now, Remedy, Rapid 7 Nexpose, GNS3, SOLARWINDS, KALI, Metasploit, BackTrack, Asset Management (eDiscovery, Inventory, SOSReport), detect virus vulnerability, mitigate vulnerability Application Servers, Load Balancers, AWS ELB CLASSIC/APPLICATION, Mail, Apache, Nginx, Tomcat, JBOSS, Apache Eclipse, and HA Proxy
* Ensure AWS IAM polices, KMS policies, bucket policies, roles, and access requirements are being met.
* Demonstrated experience by implementing cloud security architecture and develop detailed cyber security designs with IAM architects, application developers, administrators, consultants, vendors to build, configure, test and implement access management solutions that meet the business needs of the enterprise consistent aligned with enterprise IT strategies with PKI, AD DIRECTORY, ADFS, SAML MFA authentication, X.509, TLS/SSL, Single Sign On (SSO) CA Site Minder, CA Spectrum, Identity & Access Management (IdAM) application, PAM,), SSSD, LDAP, FreeIPA, OPENLDAP, IDP, OAuth, OpenID, MCAfee DLP, Kerberos, GPO, Radius, RSA Token, SSH Key Management, NTLM, AADL, MMC, BIND, DNS, NAT, SNMP, SNMPWALK, Traps Notification, MIB, OID, APACHE, TOMCAT, IIS, DNS, ORACLE Web Portal Android iOS Mobile Device and Email
* Maintenance of Password Management tool for shared accounts (service accounts, system admin accounts etc.).
* Trace defects through a cutting-edge service-oriented architecture to find root causes.
* Identify and create advanced application monitoring Splunk, Artifact, Forensics, AWS S3 BUCKET, LAMBDA, DYNAMODB, CLOUD TRAIL, CLOUD WATCH for improved site reliability. Provide incident response, identifies threat and resolves security violations by analyze network traffic (packet capture), CORE LOGS DUMP and logs with SIEMS (Wire Shark, Splunk, Nagios, SolarWinds, Windows Events)
* Investigate vulnerabilities risk with End Point protect against cyber threats, phishing, and malware.
* Hands on experience in security systems, authentication systems, manage logging, analytics, firewalls, IPS, AV, spam and URL filtering, web access, anti-virus, and other security-specific tools
* Investigate network intrusions to determine the root cause and extent of the breach by working close with developers, engineer team, stakeholder by resolving possible abnormal activities, such as WINNY CRY, DDOS attack, SQL Inject, Heart Bleed virus, and bad server performance cause by security vulnerabilities.
* Perform forensic analysis of electronic data sources (workstations, laptops, servers, mobile devices, etc.) in response to cyber incidents.
* Perform support for infrastructures and available (7x24x365) after-hours and weekend and support mission critical server in production
* Document (CERT) security incidents as identified in the incident response rules and escalate to management

BREAKPOINT – New Carrollton, MD

**UNIX Window Virtual Cloud/System Engineer January 2004 – November 2013**

* Designed architectural expertise implement cloud environment platform (IAAS, SAAS, PAAS for FEDRAMP) on VMWare ESXI, VMotion, VMware Vsphere, VMware vCenter SRM, VCSA, Storage Replication VMware Thin App, VMWare vSAN 6.5, VCenter, Disaster Recovery with VMware architecture
* Create a XenApp and XenDesktop production deployment with provisioning Services on Citrix Xen Server and VMware vSphere on (SAAS, PAAS, IAAS) for public and private cloud service providers.
* Migrate Windows and Linux Servers (P2V, V2V) to VMware VCenter
* Lead team to deliver COTS capabilities that integrates applications into a cloud base architecture
* Experience in Deploy DevOps continuous integration automation tools with IBM Cloud Stack, Cloud Stack, Openstack, BMC Blade Logic, JIRA Confluence, Ruby, Curl, Bash, JASON, YAML, JAVA, JBOSS, TCL/TK, PYTHON, RUBY, PHP, POWERSHELL and CURL)
* Ensure in cloud security being enforce by FISMA 800.53, NIST compliance, CIS Benchmark, RMF Control Compliance, and POAM.
* Work closing with infrastructure architecture and engineering teams to meet program ATO and implementation schedule
* Migrate Windows and Linux Servers to VMware tools (Convert, VMotion, VCenter, Hypervisor)
* Security Information and Event Management (SIEM) and RMF Control compliance.
* Plan scaling, building, deployment, managing UNIX servers, execute and document infrastructure software and hardware updates for data operational system software, RHCE Linux 4/5/6.5/7x, Centos, Ubuntu and Windows 2008/2012R2/7/8 operating and systems patch management (Satellite, Kickstart, SCCM, WSUS)
* Oversees the documentation of all architecture design and system builds.
* Architect, design, and implement web/application servers: OWASP (HP WebInspect, AppScan, WebLogic, Oracle Middleware, Bitnami, LAMP, Oracle Form, Apache, Tomcat, IIS, .Net, JSEE Server, WebSphere, Deltek, Adobe Cold Fusion, RDMS, SQL, Oracle database, Web Logic, ODBC, MongoDB, Oracle, Microsoft SQL Studio, MYSQL Server, Remedy RDBMS, DNS, BIND, NIS, LVM,VERITAS Volume Manager and NFS
* Consults with architecture teams to identify when it is necessary to modify the solution architectures to accommodate technical infrastructure needs
* Leads analysis of the current environment to detect critical deficiencies and recommends solutions for improvement
* Defines, designs, implements and promotes standard configuration and change management, processes, and practices.
* Implement security vulnerability tools for Qualys scan, Web Inspect, Rapid7, Nexpose, MCAfee SideWinder Firewall, Cisco ASA, F5, Fortinet, CA SiteMinder, VeriSign, Sidewinder Firewalls, Symantec Antivirus, Symantec Vulnerability scan, Cisco ASA Firewall, Fortinet, F5 Load Balancer, and Hercules vulnerability remediation
* Manage of day-to-day operations and maintenance of client cloud-based infrastructures to 24x7x365 operations by identify and solve problems related to Web Server, Linux (RedHat, CentOS), Network, Storage, Security breach, server performance and troubleshooting
* Deploy implement Datastore and provision servers VM for cloud solution with Dell Blade server PS series, Dell PowerEdge M1000e, Dell Switch, IBM EMC Storage, Load balance Failover Cluster Active/Passive and automate daily operations with the agent-free integrated Dell EMC Remote Access Controller (iDRAC) with Lifecycle Controller and the Dell EMC Chassis Management controller (CMC).
* Demonstrated experience designing multi-tier, highly available, multi-threaded, scalable architectures, performing testing backup/ recovery in preparation of storage related hardware and software upgrades including Symantec VERITAS Cluster, VERITAS Volume Managers, Acronis, VEAM, VERITAS NetBackup, Symantec BMR, Data Volt, Solstice Disk Management and MC/Service Guard.

**EDUCATION & CREDENTIALS**

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**Strayer University, Alexandria, Virginia (1998-2002) BS INFORMATION OF TECHNOLOGY**

**CERTIFICATIONS A+, MCSE Certification: Installing, Configuring, and Administering Microsoft Windows 2000 Server, Implementing and Administering a Microsoft Windows 2000 Network Infrastructure CNE Certification: Novell Netware Engineer 4.1x, Administration, Adv. Administration, Installation and Configuration, Design and Implementation, Service and Support, and Networking Technologies. Oracle DBA 9i Certification: SQL, DBA, Backup and Recovery, and Performance Tuning**