MADHU VADLAMURI

Professional Summary

* Technical competent IT professional with 18 years of experience as a Sr.Systems Administrator.
* Experienced in sccm administrator with more than 8 years. And Experience in Infrastructure Engineer with 5 years.
* Led key feature area for System Center Configuration Manager for SCCM 2012 and SCCM 2012 SP1 releases.
* Deploy images and applications using multiple methodologies, including SCCM, MDT Tools, MEM
* Experience in deploying Microsoft windows server patches using System Center Configuration Manager (SCCM).
* Hold Active Directory management and cleanup responsibilities for computer objects and group policies.
* Experience in Administration in Licenses management (FLEXERA) - Comprehensive software asset management.
* Perform Exchange Mailbox, Active Directory, Exchange Public Folders, VM's & Data Center Migrations.
* Recommended and managed all Active Directory Group Policy changes that would affect workstations and servers.
* Build Microsoft Windows OS images for overall company-wide deployment and automatically push driver/software updates remotely to end-user systems.
* Supported technical team members in troubleshooting and resolution of all IIS application problems.
* Maintained uniform security and application deployments across OS and device platforms utilizing Absolute Manage.
* Served as college-wide team lead for Windows operating system and application deployment using System Center Configuration Manager.
* Developed and implemented the system backup and recovery strategy, automated deployment rules and maintenance windows.
* Experienced at Microsoft windows XP, Windows 7 enterprise, professional, windows 7 embedded, Windows 8,8.1,10.
* Possess advanced knowledge of the Windows registry, file and folder security, local/domain user security, and operating system troubleshooting.
* Collaborated with teams at each of the Tribune sites to migrate from Windows XP to Windows 7 and ensure software compatibility.
* Leading and supporting the Vulnerability Management team, effectively driving team strategy, goals, and performance objectives
* Familiarity with validating vulnerability scanning results, mitigation, and false positives.
* As a Tanium Software Engineer focused on Cloud technologies, you will build and maintain best-of-breed products and infrastructure as part of a nimble development team. Tanium focuses on a customer engagement model and feedback process to ensure our products are designed the right way from the beginning. When new product ideas are identified, our software engineers design, develop, test, and deploy the products and supporting services from the ground up, while iterating with product management and customers for feedback and input.
* Strong understanding of the Common Vulnerability Scoring System and its application in a production vulnerability management environment
* Administered Microsoft System Center Configuration Manager 2007 server for patch management, operating system deployment, and reporting.
* Provided customers with software distribution, patch management, and operating system deployment.
* Implemented operating system deployments for multiple PC and server models and versions, Supported application and software update deployments.
* Created software packages using Wise Package admin Studio for internal and 3rd party applications to Corporate Standards.
* Create and test standard and departmental software packages. Supported deployment of operating systems, applications, and software updates.
* Initiate synchronization of the MS WSUS Server with DISA WSUS Server to download DISA approved Microsoft and third-party patches.
* Managed and updated Microsoft network services, Active Directory 2003, Exchange Server 2003, ISA 2006 and WSUS.
* Implemented delegated administrator roles for Active Directory, designed group policies to manage user and computer settings.
* Modified and implemented group policies and domain scripting for better control and reliability of environment.
* Experience in Microsoft Windows Server 2003/2008/2012/2016 Administration & Troubleshooting.
* Strong problem-solving skills, good communication, good team player, experience in software design, development and testing.

TECHNICAL Skills

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| --- | --- |
| **Operating Systems** | Windows 10, Windows 7 and 8 Windows2K3/2k8, Windows XP/Vista/7 |
| **Deployment Tools** | SCCM -2012/2007, OSD Deployment, Symantec™ Deployment Solution 8.0 powered by Altiris, System Center Endpoint Protection (SCEP) |
| **Packaging Tools** | Wise Package Studio, Admin Studio 11.0, MDT, File Mon, RegMon, ACT 5.6, OCT, Orca, , Adobe Customization Wizard 10 & 11,Wix Tool set version 3.10, PowerShell/PSAppDeployToolkit |
| **Virtualization Tools** | APP-V 4.5, 5.0, VMware, SoftGrid and SCVMM (System Center Virtual Machine Manager, Hyper-V Console, VMware 6.0 & 6.5) |
| **Remedy tools** | Jira, ServiceNow, Jive, SharePoint, Qualys(Vulnerability tool). |
| **Build Tools** | TFS 2017 |
| **Scripting Languages** | Wise Script, VB Script, Power shell |
| **Development tool** | Visual studio 2013, XML CODE. McAfee ePolicy Orchestrator 3.5, 3.6, 4.0 and 4.5(ePO). Microsoft Intune, Office 365 |

**Certifications**

* SCCM Certified (70-703)
* ITIL V4 Foundation Certified
* Certified Scrum Master (CSM)® From GAQM

**Education**

* Mechanical engineering - B.E – 2004 from madras university - Chennai, TN

**Work History**

**Vulnerability Remediation Analyst March 2023 to Present.**

**IEHP- Rancho Cucamonga California**

* Conduct vulnerability assessments across the organization's systems, networks, and applications.
* Analyze and prioritize vulnerabilities based on risk level.
* Develop and implement remediation strategies.
* Provide guidance and support to cross-functional teams on remediation efforts.
* Monitor and report on the status of vulnerabilities to key stakeholders.
* Designed, configured, built Microsoft Endpoint Manager solutions to support the desktop environment, including SCCM, Intune, Cloud-attached Management, Desktop Analytics, App management, software updates and Device Compliance
* Responsible for day-to-day management and maintenance of an enterprise-wide co-management of Microsoft Endpoint Configuration Manager (MECM) / SCCM systems
* Working knowledge on in Tanium Solution and core modules, and integrating Tanium solution with different platforms(SCCM),
* Working in Tanium based deployment, working knowledge in TanOS
* Coordinate with external vendors to ensure timely and effective remediation.

**Sr. System Engineer/ Release management September 2021 to Feb 2023**

**Speedway LLC - Dayton, OH**

* Manage Microsoft SCCM deployments in a large-scale global environment of 5000+ workstations and 1000+ Servers.
* Built Windows 10 operating system images for different hardware models supported, created required packages & applications and injected them into the task sequence as per the requirement of various teams in organization.
* Downloaded required drivers for various models, created drivers package using Driver Automation Tool (Modern Driver & BIOS Management solutions).
* Provide 3rd level infrastructure support and assist in the maintenance and troubleshooting of SCCM infrastructure, and client workstations.
* Management in administering and configuring mobile devices for enterprise users via Office 365, Intune Standalone, Hybrid (SCCM integration with Intune), and Azure Active Directory environments.
* Designed, configured, built Microsoft Endpoint Manager solutions to support the desktop environment, including SCCM, Intune, Cloud-attached Management, Desktop Analytics, App management, software updates and Device Compliance.
* Migrating of MDM MaaS360 implementation into Microsoft Intune/ Microsoft Endpoint Manager (MEM)
* Managing 500+ mobile devices using MEM Console.
* Windows Image Capturing and customization, generating standalone Offline media (MDT). • Creating Applications for Win 10 devices via Microsoft Endpoint Manager (MEM) Console. • Implemented Windows Autopilot for pre-provisioned deployment over production.
* Provide support to clients in administering deployment of policies (configuration and compliance) to company owned/user owned mobile devices.
* Scope client’s issue by collecting relevant facts; investigating the problem by doing self - research and by involving other teams as needed.
* Performed Windows 10 migration and deployment to ensure compliance with the Department of Defense Regulations.
* Complete setup of Flexera manager 15.0. Installing Flexera licenses, flexnet agents in windows servers.
* License report management and working on procurement with vendors before the license keys expire.
* In addition, responsibilities include working with the governance release management team to improve the release management processes and procedures.
* Coordinate tracking of defects during different release phases with Project Manager and work with Project Manager to ensure proper closure.
* Programs manage cross platform projects around upgrades and patching, provide input and support to tracks for process improvement initiatives.
* Continually work towards making improvements in the release management process
* Work effectively with cross functional groups to propose and manage creative solutions to improving VMware products and customer satisfaction
* Software Distribution by created Collections/Packages/Applications/Deployment.
* Captured image, Configured Boot images and DP's, Manage Drivers and create Task Sequence for OSD.
* Created, modified, and produced Custom Reporting as needed.
* Through these efforts and the success of teams adopting ClearCase, my internal support team was able to justify the SCM administrator headcount though a shared service model within the company, from the IT division to the business unit’s development teams. The more teams that were successful continued the viability of the internal inter-departmental charge back model.
* Collaborate with members of IT, business units, functional teams, field personnel, internal and external audit functions, regulatory bodies and third-party service providers with regards to security priorities and assessments
* Maintain the relationship with the CIC’s Cyber Check vulnerability 3rd party vendor.
* Have a broader perspective of potential issues encountered when managing diverse teams and the strategies to overcome them; have a clear understanding of the firm’s commitment to creating a more inclusive culture.
* Experience in the information security and/or IT risk management field related to network, host, database and/or application security in multiple operating system environments is required.
* Experience with vulnerability management tool (Qualys, others)
* VM Operate: Focused on processing Security Advisories to Rate and Profile Vulnerabilities as well as providing a deep understanding of the issue, impact to the firm, and solutions needed to mitigate/remediate.
* Acts as lead on incident and vulnerability response.
* Utilized Tomcat and Apache servers for cloud server management.
* Coordinated with technical staff for integration and resolution of web issues.
* Provided technical assistance for server maintenance, troubleshooting and patching functions.
* Vulnerability Management by enforcing compliance setting and patching windows servers and workstations
* Hands on experience with deploying security patches to enterprise environment 600+ server during Prod and Non-prod and alternate patch cycles.
* Created and executed patch deployment in sccm and checking complains.
* Change management for patching activity and notifications for all stakeholders
* Extensively created documentation for patching process and patching error code RCA.
* Provided End user desktop support and troubleshooting for customers at the DLA.
* Create advanced online technical content including Knowledge Base articles and documents.
* Providing Level 3 support for Secunia Integration and deployment of 3rd party updates to workstations globally.
* Creation of collections, packages, advertisements, queries, reporting, testing and troubleshooting packages, monitoring advertisement status, and SCCM Software Updates.
* Involved in demo of new Features Release. Preparing a Schedule and Deployment plan for Major and Minor Releases.

**Sr.System Engineer (Technical Lead) May, 2019 to August, 2021**

**vanguard - Melvern, PA**

* Responsible for Design, development, and implementation and operational support activities for Microsoft System Center and all its components including Configuration Manager, Operation Manager, Orchestrator, Patch management and Application Packaging.
* Provided Level II technical support for 1200 local employees supporting Dell Laptops, Desktops with Windows 7, 8.1, 10, Microsoft Office 2010, Outlook, Lync, Adobe Acrobat, IE8, IE11, Firefox, Chrome and, various proprietary financial software, and managing Symantec Endpoint Protection (SEP).
* Managing 500+ mobile devices using MEM Console.
* Creating Applications for Win 10 devices via Microsoft Endpoint Manager (MEM) Console. • Implemented Windows Autopilot for pre-provisioned deployment over production.
* Responded to trouble tickets, email, and on-site service requests
* Updated and resolved trouble tickets in a timely, clear, and concise manner in BMC Remedy 9
* Diagnose and recreate Windows 7 local & roaming user profiles
* Deploy & troubleshoot hardware, software, and Active Directory Domain issues
* Management in administering and configuring mobile devices for enterprise users via Office 365, Intune Standalone, Hybrid (SCCM integration with Intune), and Azure Active Directory environments.
* Designed, configured, built Microsoft Endpoint Manager solutions to support the desktop environment, including SCCM, Intune, Cloud-attached Management, Desktop Analytics, App management, software updates and Device Compliance
* Migrating of MDM MaaS360 implementation into Microsoft Intune/ Microsoft Endpoint Manager (MEM)
* Provide support to clients in administering deployment of policies (configuration and compliance) to company owned/user owned mobile devices.
* Through these efforts and the success of teams adopting ClearCase, my internal support team was able to justify the SCM administrator headcount though a shared service model within the company, from the IT division to the business unit’s development teams. The more teams that were successful continued the viability of the internal inter-departmental charge back model.
* Implemented procedures for operation and overall administration of IIS web servers, Apache web servers.
* Executed processes for operation and administration of application deployment technologies in all systems.
* Supported technical team members in troubleshooting and resolution of all IIS application problems
* Performed Windows 10 migration and deployment to ensure compliance with the Department of Defense Regulations.
* Provided End user desktop support and troubleshooting for customers at the DLA.
* Supervised special logistics and inventories of laptops and docking stations which contributed to the mission's end goal.
* Complete setup of flexnet manager 15.0.
* License report management and working on procurement with vendors before the license keys expire.
* Participate in the creation of the overall AWS multi-year road map
* Manage the AWS infrastructure and strategic vendor relationships including development firms
* Demonstrated technical proficiency in PowerShell scripting for Windows management
* Created and executed patch deployment in sccm and checking compliance.
* Change management for patching activity and notifications for all stakeholders
* Performed vulnerability management by deploying security setting on windows 2003,2008 R2 and 2012 servers using patches.
* Extensively created documentation for patching process and patching error code RCA.
* Imaged desktop & laptop computers through SCCM server for PC refresh project.
* Previously built laptop/desktop images that meet STIG or USGCB standards and will be developing baseline images on a regular basis to include the OS, security agents, base GPO settings, as well as additional software profiles as required for multiple user groups.
* Perform upgrades / maintenance activities as well as troubleshoot system issues by providing 3rd level support.
* Strong release and deployment experience in sccm 2012 and MDT
* Deployed application using PowerShell/PSAppDeployToolkit.
* Hands on experience with the remediation of security vulnerabilities (e.g. OS/Application Patching, Static and Dynamic Application Security Testing)
* Knowledge of current security threat landscape including traditional data center and cloud computing platforms
* Experienced in, and able to formulate, the effectiveness and benefits of security remediation initiatives in the context of overall business risk mitigation, security posture, and the company's operational objectives
* Responsibility for managing the end to end vulnerability management workflow
* Provides recommendations on improving the security posture of the client’s enterprise
* Experienced with image creation and quality control. Experience with Windows 10 image creation and testing before releasing to production
* Design PowerShell scripts to assist in automating operational processes.
* Configured the CI in VSTS using MS build, test, NuGet packages. Configured CD in VSTS using Azure deploy app service task to automate the deployment on Azure. Providing the Access levels on cloud resources for Internal and External Team.
* Building/Maintaining Docker container clusters managed by Kubernetes Linux, Git, Docker, on Azure and utilizing Kubernetes and Docker for the runtime environment of the CI/CD system to Build, Test and Deploy.

**Sr.System Engineer September, 2018 to April, 2019**

**Siemens Healthcare Diagnostics Inc - Tarrytown, New York**

* Managed Microsoft SCCM deployments in a large-scale global environment of 15,000+ users as well as oversaw deployments of large and complex applications targeted for mass audience.
* Perform 3rd level support, identifying root cause with strategic solutions to problems.
* Developed custom .NET classes for use with InstallShield custom actions.
* Developed an effective build automation, continuous integration and test environment that reduced integration issues and improved code quality.
* Proficient in NAnt scripting, MSBuild, IBM BuildForge, and TFS automation to effectively drive continuous improvements in configuration management.
* Managing 500+ mobile devices using MEM Console. • Migrated Intune Legacy to Microsoft Intune (Modern portal). • Windows Image Capturing and customizations, generating standalone Offline media (MDT). • Creating Applications for Win 10 devices via Microsoft Endpoint Manager (MEM) Console. • Implemented Windows Autopilot for pre-provisioned deployment over production.
* Management in administering and configuring mobile devices for enterprise users via Office 365, Intune Standalone, Hybrid (SCCM integration with Intune), and Azure Active Directory environments.
* Provide support to clients in administering deployment of policies (configuration and compliance) to company owned/user owned mobile devices.
* Through these efforts and the success of teams adopting ClearCase, my internal support team was able to justify the SCM administrator headcount though a shared service model within the company, from the IT division to the business units development teams. The more teams that were successful continued the viability of the internal inter-departmental charge back model.
* Complete setup of FlexNet manager 15.0.Installing Flexera licenses, FlexNet agents in windows servers.
* License report management and working on procurement with vendors before the license keys expire.
* License issues and installation assistance to end users.
* Implemented procedures for operation and overall administration of IIS web servers, Apache web servers.
* Executed processes for operation and administration of application deployment technologies in all systems.
* Assisted in operation and maintenance of web content management systems and applications.
* Imaged desktop & laptop computers through SCCM server for PC refresh project.
* Created and executed patch deployment in sccm and checking complainse.
* Change management for patching activity and notifications for all stakeholders
* Performed vulnerablility management by deploying security setting on windows 2003,2008 R2 and 2012 servers using patches.
* Configured Group Policy Objects to created a secure Windows Infrastructure.
* Work with internal teams to create the migration process of legacy systems to the AWS cloud
* Work with several third party vendors in big data and other areas to support our overall cloud initiative
* Designing and developing new methods for improving the development environment. Troubleshooting tools and setting up of build servers. Generated packages for multiple OS, DB and web servers.
* Automated the build release deployment process using the release management in TFS 2015/TFS 2017.
* Created build packages for the release deployments. Automated the deployment process using Continuous Integration (CI) builds, release management and test management in TFS 2015/ TFS 2017
* Strong release and deployment experience in sccm and MDT.Experienced with image creation and quality control. Experience with Windows 10 image creation and testing before releasing to production
* Worked on BigFix as endpoint management tool.
* Strong working Microsoft Deployment Tool Kit (MDT).Using PowerShell or VBscript to automation of MDT.
* Strong quality improvement experience. Experience on creating MDT task sequence.
* Involved in demo of new Features Release, Preparing a Schedule and Deployment plan for Major and Minor Releases
* Installed and configured a private Docker Registry, authored Docker File to run apps in containerized environments and used Kubernetes to deploy scale, balance the load and manage Docker containers with multiple namespace ids.
* Building/Maintaining Docker container clusters managed by Kubernetes Linux, Git, Docker, on Azure and utilizing Kubernetes and Docker for the runtime environment of the CI/CD system to Build, Test and Deploy.
* Used Vagrant and Docker-based container deployments to create self-environments for development teams and managed the clusters using Kubernetes. Evaluated Kubernetes for Docker Container Orchestration, also Created and managed a Docker deployment pipeline for custom application images in the cloud using Jenkins.

**System Engineer April 2017 to August 2018**

**Applied Materials - Santa Clara, California**

* Perform installation, evaluation, maintenance, and problem resolution for the SCCM server and DPs as well as release management deployments to 15000+ PCs globally
* Provide monthly reporting of patching activity; work with local teams to resolve patching issues
* Manage SCCM Software Update Point (SUP) and Perform scripting to automate functions
* Align networking discoveries with the Active Directory team
* Assist Global Desktop Engineer with integration of imaging activities through SCCM
* Perform basic SQL server administration and maintenance and ensure regular backups
* Maintain up to date knowledge of new software developments in SCCM servers’ technologies
* Management in administering and configuring mobile devices for enterprise users via Office 365, Intune Standalone, Hybrid (SCCM integration with Intune), and Azure Active Directory environments.
* Provide support to clients in administering deployment of policies (configuration and compliance) to company owned/user owned mobile devices.
* Complete setup of FlexNet manager 15.0.Installing flexera licenses, flexnet agents in windows servers.
* License report management and working on procurement with vendors before the license keys expire. License issues and installation assistance to end users.
* Experience in window's patching, insider threat monitoring, network and privileged user access control, anti-malware and endpoint encryption using SCCM 2012
* Working knowledge on in Tanium Solution and core modules, and integrating Tanium solution with different platforms(SCCM),
* Working in Tanium based deployment, working knowledge in TanOS
* Under supervision, create Advertisement/Collections/Packages/Applications within an SCCM 2012 environment.
* Worked with Flexera Admin Studio 11.00 to repackage various applications and build MSI packages, Transforms (MST) and Patches (MSP).
* Worked with Microsoft ACT Application Compatibility Toolkit to determine the compatibility of the applications for windows 10/8/7. Imported the application packages into the software database and performed conflict resolution using the Conflict Manager tool.
* Used File Mon, RegMon and Process Monitor to troubleshoot the applications in Lockdown Environment.
* Hands on experience with the remediation of security vulnerabilities (e.g. OS/Application Patching, Static and Dynamic Application Security Testing)
* Knowledge of current security threat landscape including traditional data center and cloud computing platforms
* Experienced in, and able to formulate, the effectiveness and benefits of security remediation initiatives in the context of overall business risk mitigation, security posture, and the company's operational objectives
* Responsibility for managing the end to end vulnerability management workflow
* Manage the AWS infrastructure and strategic vendor relationships including development firms.

**Sr. Application Packager & SCCM Engineer February, 2011 to March, 2017**

**HCL India - Hyderabad, TS**

* Managed Microsoft SCCM deployments in a large-scale global environment of 20,000+ users and oversaw deployments of large and complex applications targeted for mass audience.
* Built Windows 10 operating system images for different hardware models supported, created required packages & applications and injected them into the task sequence as per the requirement of various teams in organization.
* Downloaded required drivers for various models, created drivers package using Driver Automation Tool (Modern Driver & BIOS Management solutions).
* Provide 3rd level infrastructure support and assist in the maintenance and troubleshooting of SCCM infrastructure, and client workstations.
* Responsible for monthly maintenance by deploying Microsoft Critical and Security patches to over 2000 servers and over 10,000 workstations.
* Continually look for ways to improve, optimize, and streamline software deployment process to ensure smooth, uninterrupted delivery to the business users.
* Interface with the various stakeholders (business sponsors, application Owners, and other support personnel) to plan, deploy, troubleshoot, and support application deployments; analyzed/rectified post deployment figures to meet optimum results.
* Creation of collections, packages, advertisements, queries, reporting, testing and troubleshooting packages, monitoring advertisement status, and SCCM Software Updates.
* Responsible for migration of current Windows 7 systems to Windows 10 and replace all systems with new hardware. Ensure all end user assigned applications has installed correctly in software center. Verify hard drive encryption is complete.
* Provided 3rd level infrastructure support, and assisted in the maintenance and troubleshooting of SCCM, and client workstations. Work with Forests and Domains; Restructuring a Forest and Renaming Domains.
* Maintains the Group Policy infrastructure based on the policies and guidelines provided.
* Created Microsoft Windows Installer packages using Wise Package Studio and Admin Studio. Advertised and managed packages and collections in SCCM environment.
* Experience in window's patching, insider threat monitoring, network and privileged user access control, anti-malware and endpoint encryption using SCCM 2012

**Software Engineer October 2009 to January 2011**

**Accenture - Bangalore, KA**

* Worked with Flexera Admin Studio 11.0 to repackage various applications and build MSI packages and Transforms MST and Patches MSP.
* Used Install Shield Editor for editing and building MSI for the application.
* Worked on virtualizing the applications using App V and publishing them to users using SCCM.
* Created workstations build records using VMware and we build the packages on VMware.
* Testing packages in different windows systems by using VMWare and on separate lab machine for locked-down environment.
* Creating packages for Windows 7 using App V and Admin-studio and testing them.
* Created packages like MS Visio and MS Publisher for Windows 7 build itself.
* Used VB Script for Custom actions and created components and associated with feature as required.
* Used SCCM as a deployment tool for deploying applications on to user machine.
* Edited Tables, Created Components, and Created MSI's in Admin Studio for Windows Installer
* Used App V debugging tool and ACDC to debug App V application.
* Used Procmon and Install Watch Pro to find files and registry keys in order for application to function properly.
* Coordinated with different groups to deploy software packages.

**Application Packager September 2005 to September 2009**

**Venture Soft Global - Bengaluru, KA**

* Creation of new Windows Installer packages and repackaging of existing Windows Installer packages o support application upgrades and compatibility with Microsoft XP.
* Create Transforms MST to customize existing MSI files. Work with Properties to customize MSI installs for different situations. Used Wise package studio for creating packages apart from using silent installation methods.
* Worked with Microsoft Virtual PC 2004 to build workstations.
* Used Windows Installer SDK development tool kit like Orca to work with MSIs and debugging for package review/cleanup.
* Converted previous Application Packages that were created with Altiris which created EXE packages.
* Wise Script is used to support the customizations.
* Used Filemon and Regmon to find files and registry keys that need modified rights to be added to the application package so that the application will function properly for the users.
* Performed software distribution and patch management to Windows desktops, laptops, and Citrix servers.
* Coordinated with different groups to deploy software packages.
* Created SMS Packages and push to Test Workstations for SMS Test. Performed root cause assessment and remediation of large-scale problems to reduce overall system failures as applicable.