

Jody R. McKinzie

Valrico, FL • (813) 450-4532 • jmckinzie@bigfixsme.com

SUMMARY

Senior Endpoint Management Engineer with 25+ years of experience designing, deploying, and optimizing enterprise infrastructure across Windows, Linux, and UNIX environments. Specialized in BigFix (HCL) endpoint management, large-scale automation, patch compliance, and system migrations across environments exceeding 120,000 endpoints. Proven ability to reduce risk, improve compliance, and automate complex operational workflows.

CORE EXPERTISE

- BigFix (Lifecycle, Compliance, Inventory, WebUI, Web Reports)
 - Endpoint Management (Windows, Linux, AIX, macOS)
 - Patch Management & Compliance Automation
 - Relevance Language & ActionScript Development
 - PowerShell & Automation Engineering
 - Software Packaging & Deployment
 - Active Directory & Domain Migrations
 - REST API Integration & Reporting
 - MECM / SCCM Infrastructure Intune and Autopilot
 - High Availability Systems & Clustering
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PROFESSIONAL EXPERIENCE

Charles Schwab (Consultant)

Senior BigFix Packaging Engineer | Feb 2025 – Present

- Led end-of-life (EOL) software remediation using BigFix Inventory, Qualys, and REST APIs, improving overall security posture.
 - Executed 500+ application removals while managing dependencies and minimizing business impact.
 - Developed and delivered internal training on BigFix capabilities and automation strategies.
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Meridian Medical Technologies

Senior BigFix Engineer | Apr 2022 – Feb 2025

- Led enterprise domain migration of 2,000+ endpoints, ensuring seamless transition and license compliance.
 - Built 180+ BigFix software packages to support migration and operational needs.
 - Automated patching using BigFix WebUI and Lifecycle policies, improving compliance and reducing manual effort.
 - Designed migration strategy that saved over \$200K in penalties and operational costs.
 - Partnered with HCL to optimize BigFix architecture (database, relays, client settings).
 - Engineered MECM environment supporting 10K+ endpoints for deployment, patching, and compliance.
 - Reduced deployment effort by 80% through PowerShell automation and task sequencing.
 - Managed endpoint devices using Microsoft Intune, including policy deployment, compliance enforcement, and device lifecycle management
 - Configured device compliance, configuration profiles, and security baselines to align with organizational standards
 - Administered application deployment (Win32, MSI, Microsoft Store apps) with assignment groups and targeting strategies
 - Monitored device health, compliance status, and remediation through Endpoint Manager reporting
 - Implemented and supported Windows Autopilot for zero-touch device provisioning
 - Registered devices via hardware hash import, OEM integration, and Azure AD enrollment workflows
 - Designed and deployed Autopilot profiles (User-Driven, Self-Deploying, Hybrid Azure AD Join)
 - Streamlined onboarding process, reducing manual provisioning time and improving user experience
 - Packaged and deployed applications using Intune Win32 packaging tool and MSI-based installers
 - Created detection rules, requirement rules, and dependency chains for reliable deployments
 - Troubleshoot application deployment failures using logs (Intune Management Extension, event viewer)
 - Maintained version control and update lifecycle for enterprise applications
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Champion Solutions Group

Service Delivery Engineer | Aug 2017 – Apr 2022

- Packaged and deployed thousands of applications across Windows, Linux, and macOS environments.
- Led enterprise BigFix implementation replacing legacy tools across multi-OS environments.
- Developed custom Fixlets, baselines, and compliance content for enterprise clients.
- Supported Windows 10 migration strategy using BigFix automation and lifecycle tools.
- Implemented OSD utilizing zero touch, MDT etc. for a seamless Operating System Deployments for various operating systems within the BigFix Platform.
- Designed and implemented Operating System Deployment (OSD) solutions leveraging zero-touch provisioning, MDT, and HCL BigFix to deliver seamless, automated deployments across multiple Windows operating systems
- Streamlined build and deployment processes, reducing manual intervention and improving consistency across enterprise endpoints
- Integrated zero-touch strategies with modern provisioning tools (e.g., Windows Autopilot and Microsoft Intune) to support hybrid and cloud-managed environments
- Developed and maintained standardized OS images, task sequences, and driver management for diverse hardware models
- Automated post-deployment configuration, including application installs, security baselines, and domain/Azure AD join processes
- Troubleshoot and optimized OSD workflows, improving deployment success rates and reducing build times

Client: The Children's Place (via CSG)

BigFix POS Administrator | Aug 2017 – Aug 2018

- Managed BigFix deployments across retail POS infrastructure (registers, scanners, pin pads).
 - Built PKI certificate monitoring and renewal automation (CSR → CA → deployment).
 - Developed API-based automation to track hardware warranties across OEM platforms.
 - Implemented phased rollout strategies to minimize operational disruption nationwide.
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IBM

UNIX Administrator III / BigFix Engineer | Nov 2014 – Aug 2017

- Designed and implemented BigFix solutions for patching, reporting, and endpoint management.
 - Built custom reporting frameworks leveraging BigFix Web Reports and Excel integrations.
 - Delivered enterprise Windows 10 upgrade solutions including bare-metal and in-place upgrades.
 - Developed custom compliance and security scanning solutions for audit readiness.
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Computer Sciences Corporation (CSC)

BigFix Administrator II | Jan 2012 – Nov 2014

- Designed and managed BigFix environments for multiple enterprise clients.
 - Built custom Fixlets, reporting, and compliance dashboards across Windows and UNIX systems.
 - Implemented lifecycle management processes including patching, software distribution, and reporting.
 - Developed automation for software deployment (Java, Adobe, Office, etc.).
 - Designed relay architectures and optimized content distribution strategies.
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Earlier Experience

- **The Zenith** – Senior Systems Analyst / BigFix Administrator
 - **Citigroup** – Information Systems Manager
 - **U.S. Navy** – Information Systems Manager
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TECHNICAL SKILLS

Endpoint Management:

BigFix (11.x, 10.x, 9.x), SCCM/MECM, Tivoli Endpoint Manager

Operating Systems:

Windows Server (2003–2016+), RHEL, AIX, Solaris, HP-UX

Automation & Scripting:

PowerShell, Shell Scripting, PERL, PHP

Infrastructure & Tools:

Active Directory, WSUS, SQL, REST APIs, IIS, SharePoint

Networking & Storage:

TCP/IP, Cisco Networking, SAN/NAS (EMC, NetApp)

Security:

PKI, Certificate Management (CA/RA), Compliance & Audit Frameworks

EDUCATION**Master's – Information Systems Management**

University of Phoenix

Bachelor's – Information Systems

Strayer University

CERTIFICATIONS

- IBM BigFix Administrator (2018)
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SECURITY CLEARANCE

- Active Public Trust (2021)
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PROJECTS**Post-Quantum Cryptography API (Personal Project)**

- Developed API supporting NIST PQC standards including:
 - ML-KEM (Kyber) – key exchange
 - ML-DSA (Dilithium) – digital signatures
 - SLH-DSA (SPHINCS+) – long-term integrity