Hossein Ahmadi Senior System Administrator

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PROFILE SUMMARY

- **Senior System Administrator** with **7 years** in **higher education and healthcare**, now running the **Linux and Windows servers** University of Michigan ITS hosts for **campus departments and research labs**.
- Runs **RHEL 9**, Rocky Linux and **Windows Server 2022** on **VMware vSphere**, works in Active Directory and Group Policy, patches with **Ansible** and SCCM, backs up with Veeam, and monitors with Zabbix and Grafana.
- Knows **shared hosting for departments** (delegated OUs, MCommunity admin groups), **CIS Benchmark hardening** for Linux and the **FERPA and HIPAA** rules on campus data, and builds every server from **Ansible roles in Git**.
- Works with **department IT staff**, the ITS network and security teams and **Advanced Research Computing**, brings every production change to the **weekly change advisory board**, and is on call **1 week in 6**.
- Mentors **2 junior admins** through their first on-call weeks, wrote the **RHEL 9 build standard** the team follows for new servers, and leads the **post-incident review** after any Sev-1 or Sev-2 outage.

TECHNICAL SKILLS

Operating Systems:	Red Hat Enterprise Linux 8 and 9, Rocky Linux, Ubuntu Server, Windows Server 2019 and 2022
Identity & Microsoft 365:	Active Directory, Group Policy, Microsoft Entra ID, Microsoft 365, Kerberos, SSSD
Virtualization & Cloud:	VMware vSphere 8, vSAN, NetApp ONTAP, Microsoft Azure, AWS (EC2, S3)
Networking:	DNS, DHCP, TCP/IP, VLANs, VPN, Cisco, F5 BIG-IP
Security & Patching:	SCCM, CrowdStrike Falcon, Tenable Nessus, CIS Benchmarks, SELinux
Backup, Monitoring & ITSM:	Veeam, Zabbix, Grafana, SolarWinds, TeamDynamix, ServiceNow
Scripting & Automation:	Ansible, Bash, Python, PowerShell, Git

EDUCATION

Red Hat — Red Hat Certified System Administrator (RHCSA) — Online · Mar 2024

University of Michigan — B.S. in Information — Ann Arbor, MI · Sep 2015 to May 2019

WORK EXPERIENCE

University of Michigan ITS — Systems Administrator Senior — Ann Arbor, MI · May 2022 to Present

- Rebuilt **186 department servers** from CentOS 7 on **Rocky Linux 9** and RHEL 9 before CentOS 7 reached end of life in June 2024, scheduling each cutover with the department's IT lead.
- Tied sudo rights on managed Linux servers to **MCommunity** admin groups through **SSSD** and Kerberos, removing **2,340 local accounts** and letting departments grant server access without an ITS ticket.
- Ran the rolling upgrade of the **VMware vSphere** clusters behind MiServer from 7.0 to 8.0, draining each host with vMotion first, across **46 ESXi hosts** with no customer-facing downtime.
- Moved monthly Linux patching from hand-run updates to staged **Ansible** playbooks (test servers first, then production), raising on-time patching from 74% to **98%** of the fleet.
- Wrote a **Python** tool that reads new MiServer requests from **TeamDynamix**, builds the VM, joins it to the domain and applies the Ansible baseline, cutting build time from 3 days to **35 minutes**.

Henry Ford Health — Systems Administrator — Detroit, MI · Jun 2019 to Apr 2022

- Grew **Cisco AnyConnect** VPN capacity when billing and scheduling staff went remote in March 2020, adding licenses, address pools and split DNS, taking concurrent users from 1,500 to **8,700**.
- Moved clinical and business server backups from tape to **Veeam** with immutable copies on a hardened Linux repository, cutting the time to restore a full server from 11 hours to **2.5**.
- Added certificate expiry and disk space checks in **SolarWinds** for the Windows servers behind lab and radiology interfaces, catching **14 certificates** before they expired and stopped a feed.