

VIBHU BHATNAGAR

Senior Wintel Administrator • Active Directory, DNS & DHCP Specialist • Exchange Server SME

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Noida, India

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PROFESSIONAL SUMMARY

Senior Wintel Administrator with 15+ years of hands-on experience specializing in Active Directory architecture, DNS/DHCP infrastructure, and full Exchange Server lifecycle management (2010 through 2019). Proven track record delivering AD migrations, DNS redesigns, DHCP failover implementations, and diverse migration projects across 150+ managed client environments. Deep expertise in PowerShell automation — reducing multi-day manual processes to minutes — combined with strong VMware vSphere/vCenter and Hyper-V virtualization skills. Trusted to own infrastructure projects end-to-end from planning through post-migration validation.

CORE COMPETENCIES

Active Directory	Domain Services, Sites & Services, GPO Design & Enforcement, FSMO Roles, Replication & Troubleshooting, AD Migrations, Azure AD Connect, Hybrid Identity
DNS & DHCP	Split-Brain DNS, Zone Migrations, Conditional Forwarders, Scavenging, DHCP Scope Management, Failover & High Availability, IPAM
Exchange Server	Design, Deployment & Administration — Exchange 2010, 2013, 2016, 2019; DAG, Mailbox Migration, Hybrid Config, On-Prem to M365 Migration
Migration Types	Windows Server In-Place & Cross-Version Upgrades • Physical-to-Virtual (P2V) VMware ESXi to Hyper-V • On-Prem Exchange to M365 • Tenant-to-Tenant M365 • On-Prem to Azure (Lift & Shift) Serverless Environment Transitions
Windows Server	2012 R2 · 2016 · 2019 · 2022 — In-place Upgrades, WSUS Patch Management, Server Core
Virtualization	VMware ESXi, vSphere & vCenter Server, Hyper-V, HA/DRS, vMotion, VM Migration & Capacity Planning
Azure & M365	Azure Admin (AZ-104), Azure AD, Azure Virtual Desktop, Intune, Office 365, Tenant Migration
Automation	PowerShell (Advanced), Python, ConnectWise Automate, Winget / Ninite / Chocolatey, MECM
Security & Backup	Microsoft Defender XDR, Sophos Endpoint, DUO MFA, Datto, Veeam, BCDR Planning & DR Exercises
Monitoring	PRTG, SolarWinds Observability (self-hosted), ConnectWise Manage

PROFESSIONAL EXPERIENCE

Senior Advanced System Administrator | IT By Design, Noida

Aug 2019 – Present

Active Directory, DNS & DHCP

- Architected and maintained AD environments across 150+ MSP clients — managing GPOs, OU structures, FSMO role placement, replication topology, and AD health
- Designed and implemented split-brain DNS configurations, zone migrations, and conditional forwarder policies for multi-site enterprise clients
- Deployed DHCP failover pairs and managed scope configurations, reservations, and IPAM — eliminating address conflicts and single points of failure
- Led AD migration and clean-up projects including stale object removal, GPO consolidation, and trust relationship reviews across 22+ client environments
- Managed Azure AD Connect for hybrid identity, SSO, and Conditional Access policy deployments

Exchange Server & Messaging

- Administered Exchange Server environments across all versions (2010 → 2013 → 2016 → 2019) — DAG setup, mailbox database management, connectors, and certificate renewals
- Executed 25+ on-premises Exchange to Microsoft 365 migrations including hybrid configuration, MX cutover, mail flow validation, and post-migration support
- Delivered Tenant-to-Tenant M365 migrations covering mailboxes, calendars, and Teams data with zero unplanned downtime

Migration Projects

- **Completed upgrades from 2012 R2 through 2022 for 22+ clients, including pre-migration assessment, rollback planning, and validation testing** Windows Server in-place & cross-version upgrades:
- **Migrated client workloads to Azure IaaS — resizing VMs, reconfiguring NSGs, and validating connectivity post-migration** On-premises to Azure (Lift & Shift):
- **Planned and executed full decommissions of on-prem servers, migrating file services, print, and identity to cloud equivalents** Serverless environment transitions:
- **Migrated 25+ VMs including P2V/V2V conversion, network reconfiguration, and post-migration performance validation** VMware ESXi to Hyper-V:
- **Full project ownership from scoping through cutover for 25+ clients** On-prem Exchange to M365 & Tenant-to-Tenant M365:

Virtualization & Infrastructure

- Managed VMware ESXi, vSphere and vCenter Server — provisioning, snapshots, resource pools, vMotion, and HA/DRS configuration across client environments
- Executed bulk upgrade of 150+ ESXi hosts to version 8.0.3 with minimal service disruption
- Executed server availability automation with 5x12 and 6x24 scheduled uptime strategies; performed capacity forecasting and performance optimization

PowerShell Automation Highlights

- **Monitors sync status across 155+ clients via partner portal — auto-triggers forced sync when threshold exceeded, reports failures; eliminated daily manual checks entirely** Azure AD Sync Monitor:
- **Automated host inventory and documentation generation, cutting monthly reporting time from 10 days to under 1 hour** ESXi Reporting Automation:
- **Enumerated all user profiles, mapped printers, and default printer settings across network machines — critical input for 22+ migration projects** Workstation Profile Scanner:
- **API-driven script detecting record discrepancies between ConnectWise platforms with automated service restart for affected endpoints** Automate/ScreenConnect Reconciliation:
- Delivered 15% increase in operational efficiency and 20% reduction in ticket volume through proactive automation and preventive maintenance

Security & Backup

- Managed Datto and Veeam backup environments — policy design, monitoring, restore testing, and quarterly BCDR exercises across 150+ clients
- Deployed DUO MFA, Microsoft Defender XDR, and Sophos Endpoint Security; implemented zero-day vulnerability remediation workflows

Senior Analyst & Client Support | Pacific Infotech, Moradabad

Oct 2011 – Jul 2019

- Managed Windows Server and AD infrastructure for 200–350 user environments — DNS, DHCP, Group Policy, file services, and user administration
- Deployed and maintained Exchange Server 2010/2013 — mailbox management, transport rules, DAG configuration, and client connectivity troubleshooting
- Implemented and managed VMware ESXi and Hyper-V platforms — VM provisioning, backup, and disaster recovery planning
- Executed server migration and upgrade projects; managed Office 365 onboarding, WSUS patch management, and multi-site Veeam backup strategies

CERTIFICATIONS

✓ Microsoft Azure Administrator (AZ-104)	✓ Sophos Endpoint Security
✓ Datto Certified Technical Specialist	✓ Microsoft Certified Technology Specialist Active Directory Windows server 2008

EDUCATION

Master of Computer Applications (MCA)

Punjab Technical University, Moradabad | Computer Science

2011 – 2014