

Basil Mogdalov

Senior Systems Engineer

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PROFILE

25+ years designing, modernizing, securing, automating, and troubleshooting business-critical IT infrastructure across Microsoft, cloud, virtualization, networking, and endpoint environments. Specializes in solving complex infrastructure problems—from Active Directory and Microsoft 365 to VMware, Azure, Intune, disaster recovery, networking, and PowerShell automation.

EXPERIENCE

Senior Systems Engineer

January 2004 – Present

Konica Minolta Business Solutions / All Covered

Design, administer, troubleshoot, secure, and modernize infrastructure for business clients across Microsoft platforms, virtualization, cloud services, networking, endpoint management, automation, and disaster recovery.

- Design and maintain Windows Server, virtualization, networking, and cloud infrastructure.
- Diagnose complex Active Directory, authentication, DNS, Group Policy, server, and infrastructure issues.
- Develop PowerShell and Python automation for recurring administrative and operational workflows.
- Administer Microsoft 365, Azure, and hybrid infrastructure; implement Microsoft Intune MDM/MAM.
- Design backup, disaster-recovery, and business-continuity solutions.
- Configure and maintain firewall, VPN, and network-security infrastructure.
- Perform infrastructure assessments, troubleshooting, optimization, and modernization.

Network Administrator

December 2000 – February 2003

FortuneCity.com · New York, NY

Supported enterprise network and server infrastructure for a large Internet company, including an Active Directory environment serving approximately 3,500 users.

- Administered Active Directory infrastructure supporting approximately 3,500 users.
- Managed Microsoft Exchange and file-server backup systems.
- Configured firewall infrastructure and secure remote access.
- Supported Linux and Sendmail systems integrated with Microsoft Exchange.
- Provided production infrastructure support for business-critical systems.

SELECTED ENGINEERING WORK

- **Active Directory infrastructure & recovery** — directory-service health, replication, Group Policy, DNS, and recovery paths for critical identity services.
- **Microsoft 365 & endpoint modernization** — tenant administration, Intune MDM/MAM, and hybrid identity integration.
- **Virtualization & modernization** — VMware, Hyper-V, and Proxmox environments with backup and high-availability design.
- **Automation, DR, and network security** — PowerShell/Python operations, disaster-recovery architecture, Fortinet/VPN/firewall administration.

TECHNOLOGY

Microsoft: Windows Server, Active Directory, Group Policy, DNS, DHCP, Microsoft 365, Exchange, Intune, Entra ID

Virtualization & cloud: VMware ESXi/vSphere, Hyper-V, Proxmox, Azure, Google Cloud, hybrid infrastructure

Automation & operations: PowerShell, Python, Bash, monitoring, patch management, backup, disaster recovery

Networking & security: Fortinet, firewalls, VPN, TCP/IP, routing, switching, IDS/IPS, remote access

CERTIFICATIONS

- Microsoft Certified: Azure Administrator Associate
- CompTIA Security+ ce
- Fortinet NSE 4
- Google Cloud Certified: Professional Google Workspace Administrator (program retired December 2024)
- Microsoft Specialist: Server Virtualization
- Microsoft Certified Professional: Windows Server

EDUCATION

University of Belarus

B.S., Computer Science · 1989–1992

Kingsborough Community College

Computer Science · 1994–1996

Touro College

Business Marketing · 1996–1998

LANGUAGES

English — Fluent / Professional

Russian — Native