




Andrei Ciobotaru

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JOB APPLIED FOR
POSITION **Active Directory & PKI System Engineer**

WORK EXPERIENCE

July 2025 – present

Security Expert EuLISA

Strasbourg

Public Key Infrastructure rebuild and management of Issuing Intermediate Certificate Authority, Online Responder OCSP servers, Cluster Repository servers.

Support security operations for CRL's, OCSP, IIS and Windows 2022 failover clusters.

Implementing standards on Windows servers hardening on Domain Controllers, Privilege account audit, PKI, SQL, IIS, WSUS servers.

Tenable Nessus vulnerability scan fix as per CIS benchmarks, exceptions configuration for hardening policy.

User synchronization from AD on-prem into Entra ID (Azure AD).

Managing group policy hardening for domain controllers, PKI, DNS, SCCM, CLM, SQL, Veeam, EPO servers.

Conditional access policy in Entra ID to require MFA for high-privilege directory roles.

Entra ID user, group synchronization, RBAC implementation with PIM.

WSUS update management, patching cycle review for application servers.

June 2024 – July
2025

Identity & Security Specialist SIX Group

Luxembourg

Implement and monitor system hardening across platforms (Windows, SQL DB, IIS, Backup and Storage) with Tripwire enterprise as per CIS, NIST, ISO 27001 security benchmarks.

PAM360 server setup, maintenance and troubleshooting (DB upgrade, Two Factor Authentication configuration, user and resource management, High Availability setup, certificate and license renewal).

Conducting AD Pentest and PingCastle audits and providing solutions to address security vulnerabilities such as: using WSUS over encrypted HTTPS, migrate to LDAPS protocol, using at least NTLMv2, remove DES encryption for impacted computer accounts and RC4 encryption on domain trusts.

Application registration in Entra ID and ADFS, user sync to Entra ID and JML with My Access IAM.

Providing guidance to application teams on least privilege implementation, Microsoft Defender for Identity deployment, delegated permissions, patching, vulnerability tracking and mitigation.

Microsoft Defender vulnerability tracking, remediation and exceptions implementation for Tier 1 servers.

Ian 2023 – June 2024

Active Directory Expert Caceis

Luxembourg

Subject matter expert for Active Directory design, replication, implementation and operational support.

Identifying vulnerabilities related to Active Directory delegation, trusts, SMB, DCSync, Kerberoasting, Golden ticket for any VMware virtualized domain controller under Windows Server 2016, 2019 and 2022.

DC migration to Windows Server 2022, standard creation for AD hardening, PKI, DFS, DC hardening.

Designing and implementing tiering model, PKI certificate deployment for LDAPS, WinRM over HTTPS, ADFS. Domain Controller disaster recovery with Avamar system state backup.

ADFS deployment in Azure, application federation, relying party trust, SSL certificate.

Defining DC alerting to be sent to SIEM as per MITRE and CIS Security standards.
Configuring active directory audit for computers, group policy, user objects, using Varonis software.
Domain controllers patching management done with Shavlik, application servers patching done with SCCM.

July 2021 – Dec 2022

Active Directory Administrator Eurofins Scientific

Luxembourg

Implementing AD test environment by designing the standard functionality of AD DS for GPO processing, delegation model, security groups, Kerberos, LDAPS, and DNS scavenging on member servers.

Active Directory monitoring, using Quest Change auditor for DC security auditing and SolarWinds for the overall system performance.

Manage ADFS as a SAML identity provider for application authentication into Azure Active Directory.

GPO modeling around each client rules, log access, VMI filters, Windows 2019 event collector forwarding to SIEM QRadar monitoring solution.

Mailbox migration to Exchange 2019 from previous version, using USMT and FSLogix

Domain Controller decommission, while Domain controller decommission, while ensuring dependency is removed from DNS, Exchange, DHCP, SCCM and SCOM side.

AppLocker design on audit and enforce mode while creating rules on whitelist exceptions on each SCCM, SCOM, McAfee client.

Virtualized DC backup done by Commonvault, patching done by WSUS.

Aug 2019 – July 2021

System Administrator European Parliament

Luxembourg, Luxembourg

Active Directory administration tasks such as Domain controller migration, update and decommission for Windows server 2012 R2, 2016 and 2019.

Implementing RDS solution for Windows Server 2019.

SCCM configuration of site server, SQL db, Reporting server, MP, DP, SUP, PXE for OS deployment.

Troubleshooting SCCM updates installation, application packages, and creating custom reports on RS.

Configuring and upgrading device collections, site configuration, distribution points, application packages, task sequence for new updates to existing image. Monitoring done by SCOM.

Exposure to Vitalqip for DNS management and to WSUS for configuration manager DP and SS update.

Nov 2017 – July 2019

Backup & Replication Engineer Veeam Software

Bucharest, Romania

Providing assistance on VM backup, restore and replication for French and English customers.

VMware and Hyper-v backup and restore with Veeam Enterprise Manager.

Researching and troubleshooting customer problems and inquiries in relation to Veeam Backup and Replication (Networking, Windows Server, VSS, SAN, NAS)

Setup in place backup and restore options such as application aware processing for Exchange, Active Directory and SQL clients in Windows server 2012 R2 and 2016.

SureBackup for testing VM backup, OnSite and OffSite replication for data located in different sites.

April 2016 – Nov 2017

Active Directory Engineer Microsoft

Bucharest, Romania

Performing advanced support level for French and English customers.

Implementing and designing forest and domain configuration, user profiles, group policy, objects, replication topology, authentication protocols such as Kerberos and NTLM.

Exposure to network technologies such as DNS and DHCP.

DFSR and FRS for SYSVOL file replication,

PKI configuration, troubleshooting for certificate deployment and management into application servers.

ADMT migration (user, computer and group migration between forests trusts)

Working with network trace for network related issues and with xperf for mostly system performance issues like SBSL.

July 2015 - April 2016

**Backup Support Engineer
Sutherland Global Services**

Sofia, Bulgaria

Providing backup support for French and English customers.

Working with tape, disk and virtual disks backups for clients using Windows servers such as 2008 r2 and 2012.

Backup and restore operations by using specific product agents such as: MS Exchange, SQL, VMware and Hyper-v, SharePoint.

Granular Recovery technology, Simplified Disaster recovery as advanced restore technologies for Backup Exec 15.

December 2010 – June 2015

**IT Engineer
Stefanini EMEA**

Bucharest, Romania

Create connections between server and end-user applications in order to provide an appropriate solution for French and English customers.

Administrate and troubleshoot a full range of applications such as Microsoft Office suite, Internet Explorer, EBS Oracle, Oracle database and VPN.

Working with well-defined administrative rights on server roles like Active Directory, Print server, Terminal server, File server and Exchange server.

Working with software authenticators such as RSA SecurID for CyberArk and VPN connections.

EDUCATION AND TRAINING

October 2008 - July 2010

Master of International Business Administration

Lower Danube University, Romania

- International trade and negotiation, Business environment analysis, Commercial law, IT in International Business.

September 2007 - July 2008

Bachelor's degree in International Business

Université du Havre, France

-Banks and Stock Exchanges, Geopolitics, Strategic market research, Synthetic analysis, Marketing, Customs.

October 2005 - July 2008

Bachelor's degree in International Business

Lower Danube University, Romania

- European Economy, Accountancy, Public Finances, Business Law, Economic Statistics, Business Management.

Mother tongue(s)

Romanian

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C2	C2	C2
French	C2	C2	C2	C2	C2
Spanish	B2	B1	A2	A2	A2

Courses **MCSA: Identity with Windows server 2016**
MCSA: Securing Windows server 2016
MCSA: Installing and Configuring Windows Server 2012
DEL F B2 certification – provider – CIEP

Computer skills Configuring and troubleshooting Windows-based applications
Windows server 2016
Windows server 2019
Windows Server 2022
VMware VM and Hyper-V VM configuration.
Active Directory (deployment, maintenance, migration, hardening, group policy, authentication, user profile troubleshooting, account management, PKI management, vulnerability and security)
Tripwire vulnerability management
Veeam support for backup and replication.
SCCM, SCOM for device update and monitoring
VPN configuration and troubleshooting
Remote access software (Remote desktop, remote assistance, live meeting)
Network Infrastructure (DNS, DHCP)
RDS infrastructure deployment
Salesforce, JIRA, Kanban, MS Solve
Microsoft Exchange 2016 (configuring users, DL and shared mailboxes, modify email databases)
RSA SecurID for CyberArk and VPN connections.
Outlook troubleshooting (import/export mailbox, modify delegates, pst and shared mailbox, setup sent on behalf of, calendars permissions and settings, modify DL membership)

Driving license B