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# DRAGOS MADARASAN



[Experience](#)  
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## EXPERIENCE

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|--|--|-----------------------|
| <b>Solutions Architect</b>   | <b>Amazon Web Services<br/>Munich, Germany</b> | <b>2018 - current</b> |
| <ul style="list-style-type: none"><li>• Working with Field Sales on opportunities to identify and validate technical requirements, formulate solutions and architecture design</li><li>• Deliver on-site technical engagements and/or proof of concepts with partners and customers</li><li>• Design and implement services and architectures that comply with industry security standards including PCI DSS, SOC-1&amp;2, ISO 27001 and HIPAA</li><li>• Assist with RFX processes during pre-sales phase</li><li>• Architecting hybrid AWS and on-premise solutions for technology clusters and patterns</li><li>• Evangelizing cloud computing and AWS Cloud thru workshops, meetups, webinars and public speaking</li></ul>                                     |  |                       |
| <b>Cloud Support Engineer</b>  | <b>Amazon Web Services<br/>Dublin, Ireland</b> | <b>2015 - 2017</b>    |
| <ul style="list-style-type: none"><li>• Cloud Support Engineer in AWS Premium Support Windows Team, providing support for EC2, EBS, IAM, Directory Services, WorkSpaces and WorkMail</li><li>• Updated Windows profile specific documentation and helped train new hires</li><li>• Passed workshop accreditation for AWS trainer and performed five Architecting on AWS trainings</li><li>• Created public facing documentation for troubleshooting Amazon WorkSpaces Application Manager</li><li>• Developed scripts and narrated on-camera two videos for the AWS Knowledge Center Videos initiative</li><li>• Worked with Solution Architects team to add Exchange 2016 support to AWS Quick Start Reference Deployment for Microsoft Exchange Server</li></ul> |  |                       |
| <b>Senior Systems Consultant</b>   | <b>Endava<br/>Cluj-Napoca, Romania</b>         | <b>2011 - 2015</b>    |
| <ul style="list-style-type: none"><li>• Hired as a Support Engineer, promoted to Sr. Support Engineer in 2013, later to Sr. Systems Consultant</li></ul>   |  |                       |

- Upgraded SCCM to 2012 and streamlined machine build/refresh time reducing deployment times by 80%, cost savings approx. £3500 over 18 months (SCCM+MDT+LTI)
- Resolved complex problems escalated from Level 1/Level 2 support on Windows Server, Active Directory, Exchange, CommVault, Hyper-V, VMware and Citrix
- Migrated vCenter from 4.X to 5.1 and patched 30+ hosts in 3 high availability clusters
- Deployed Lync 2013 and migrated 1700 users and 500 VoIP phones
- Performed firmware upgrades as part of storage refreshes (Dell, HP, 3PAR, IBM, NetApp hardware) in large datacenter environments
- Designed and implemented Simpana CommVault as a backup solution for 250+ virtual machines
- Designed and implemented a scalable WSUS solution for 3000 users across 5 geographic regions

**Windows Administrator** **Emerson Electric Co.** **2011 – 2011**

- Provided Level 3 support for a Windows Server 2003 – 2008 R2 environment of 800 servers (20% physical, 80% virtual)
- Maintained 99.6% availability for a 50 server Citrix XenApp 4.5-6 infrastructure with 7 farms in the backend and 30+ published applications
- Escalation path for any issues not resolvable by Service Desk

**Technical University of Cluj-**

**System Engineer** **Napoca** **2009-2011**

- Consolidated number of servers from 4 to 3 and number of Active Directory forests from 2 to 1 while maintaining a redundant network of 2 Domain Controllers/DNS servers
- Simplified management by consolidating on Windows Server 2008 R2 down from 3 OS (NetBSD, Ubuntu, Server 2003)
- Deployed System Center Configuration Manager 2007 to manage Software Deployment for 50 workstations and 30 laptops
- Deployed SC Data Protection Manager 2010 to backup user files, network shares, SQL databases and Active Directory state
- Reduced the time to re-imagine 30 class computers from 2 days to 2 hours by leveraging Operating System Deployment (Configuration Manager), PXE boot and multicast.

**EDUCATION**

**Bachelor of Science, Computer Science**

Technical University of Cluj-Napoca      Cluj-Napoca, Romania      • 2011

**Bachelor of Arts in Business Administration**

Babes-Bolyai University      Cluj-Napoca, Romania      • 2010

**TECHNICAL EXPERTISE**

**Accomplishments**

- AWS Certified Solutions Architect – Associate, Professional
- AWS Certified SysOps Administrator - Associate
- Microsoft Certified Solutions Expert (MCSE) – Cloud Platform and Infrastructure
- Microsoft Certified Solutions Associate (MCSE) – Server Infrastructure

#### **PUBLICATIONS & COMMUNITY**

- Maintainer of the Microsoft Exchange Server on AWS QuickStart <https://github.com/aws-quickstart/quickstart-microsoft-exchange>
- Frequent speaker at local AWS meetups in Romania
- How to Deploy Local Administrator Password Solution with AWS Microsoft AD ([AWS Security Blog](#))
- Personal blog – <https://dragos.madarasan.com/blog>
- Co-author of Troubleshooting Citrix XenApp (PacktPub, 2015)