

**Name**

Mohamed Abuabed

**Affiliation and current position**

Saudi Telecom Company, Sr. Network Design Engineer

**Relevant qualifications**

I'm working as Sr. Network design engineer at Saudi Telecom Company, handling the design of the recursive DNS infrastructure and the authoritative DNS. I used to work at Etihad etisalat Mobility as operation engineer handing the DNS and other services.

**Motivation for membership in the RSSAC Caucus****Indication of availability**

It's my first time to contribute with a public group, so I'm not sure how long I can dedicate to that.

**Formal roles and interests in the work of the RSSAC****Links where appropriate**

<https://www.linkedin.com/in/abouabed>

# MOHAMED SOBHI ABUABED

## PERSONAL DATA

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## WORK EXPERIENCE

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Feb2016- present Saudi Telecom Company (STC), Riyadh

### *Senior Design Engineer*

- Develop & evaluate BoQ, HLD, LLD and NRFU
- Assist and participate in RFQs/RFPs committees' activities to ensure offers meet the needs
- Develop forecasts of long- and short-term Network requirement and budgets
- Handling STC internet services, such as public Authoritative and recursive DNS
- Response for all of all load balancing requirements for STC IGW
- Participate in STC strategic vision 2020
- Enhance STC processes
- Project and vendor relations management
- Develop migration plans
- Continuously enhancing STC DNS disaster recovery plan

### **Projects:**

- Replace Authoritative DNS from Bind to F5.
- Deploy DNS Security and DDoS using F5 technology.
- Deploy new DNS setup in STC
- Working with Saudi Network Information Center (SaudiNIC)/Ministry of Communications and Information Technology on hosting a TLD and pilot test for DNSSEC.

2012-2016 ETIHAD ETISALAT (MOBILY), Riyadh

### *Senior System Engineer*

- Plan and Design Mobyly internet services such as filtering, DNS and DHCP.
- Proof of Concept for internet VAS such as filtering and caching.
- Perform Capacity planning and traffic load balancing for multiple services using advance L4-L7 technologies.
- Integrate new solutions into live production environment.
- Achieve compliancy for project handover, knowledge transfer and acceptances tests.
- Develop & approve HLD/ LLD
- Ensure business continuity during the migration.
- Communicate with Vendors for new technologies assessments.

### **Projects:**

- Replace Recursive DNS using Anycast technology and Authoritative DNS.
- Deploy Infoblox DHCP for Mobyly fixed services.
- Working with Saudi communications and Information Technology commission (CITC) to approve new filtering solution.

2008 – 2012 ETIHAD ETISALAT (MOBILY), Riyadh

### *Operational System Engineer*

- System owner of reporting solutions and test of Mobyly IGW such as: Rsyslog, Cacti, iDashboard, Ookla Speedtest and FTP.
- Manage and configure internet services such as DHCP, DNS and RADIUS.
- Servers' installation (windows / Linux) & Hardware troubleshooting.
- Analyzing (system logs & Packets) and identifying potential issues with computer systems and network using Tcpdump.
- Automate some of operations tasks by scripts using shell scripting
- Documents & Report System problems and resolution.
- Part of Mobyly internet quality assurance committee

2007 – 2008

Bayanat Al Oula for Network Services, Riyadh

*Field Operation Engineer*

- Performed configuration duties and tests for Samsung WiMax RAS and CPE installation.
- UAT for new technologies like FTTH and WiMax
- Performed surveys and site qualifications for Microwave and PTP.
- Performed installation, alignment and troubleshooting duties for NERA and DRAGONWAVE.

## EDUCATION

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- Feb 2012 Arab Open University, Riyadh  
BSc. Information Technology and Computing
- July 2007 King Saud University, Riyadh  
Diploma for Communication and Computer Networks

## TRAINING & CERTIFICATES

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### TRAINING

- Knowledgehut PMP training
- A10 CE
- VMware vSphere Virtualization Fundamentals
- CCNA course
- Implementing Windows SharePoint Services
- Samsung M-WiMax Advanced

### CERTIFICATES

- OpenStack Certification by Mirantis Professional Level (OCM100)
- Certified Ethical Hacker CEH V9
- STC Employee of the month Feb 2017
- A10 certified engineer
- Red Hat Certified System Administrator (RHCSA)
- Certified Infoblox Core Engineer
- DNSSEC trainer 2018 by ICANN

## TECHNICAL SKILLS

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- Red Hat Enterprise Linux, Unix, CentOS
- Systems and Network Administration
- Open-Source Tools
- MySQL, TCP/IP
- Internet services: DNS, DHCP
- Bash shell scripting
- System/network Troubleshooting

## PERSONAL SKILLS

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- Communication skills.
- Proficient computer skills.
- Team work personality with good management and planning abilities.
- Active, Hard-worker, disciplined, punctual, ready to improve.
- Self-motivated

## PERSONAL INTERESTS

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- Cycling
- Traveling
- Social activate

Mohamed Abuabed

### **Addendum**

I'm glad that my request being reviewed by the committee, regarding my motivation, I'm always wanted to contribute in DNS community, moreover, I'm handling the resolver for Saudi Telecom Company which serve more than 20 M subscribers, I'm also handling the authoritative servers. I'm looking to increase my exposure with a great committee like yours. I would like to share my expertise in the resolver area which I believe it will add to your study about the resolvers. I'm sure that I'm going to do my best to be an active and helpful member with your support for sure.

In the end, I had multiple discussions with RSSAC members in ICANN 63 meeting, and we are sharing the same concerns.