



Muhannad Kilani

Information Security | Technology | Networking Consultant / Architect / Manager

BSc Telecom, Electronics Engineering.

Nationality: Jordanian

www.thekilani.com, E-mail: info@thekilani.com

Phone (UAE): 971-56-6742302



A Bird's Eye on Profile

With over 7 years of comprehensive exposure, experience and projects in the following areas of technologies:

1. Information Security - Mainly in PKI with Projects like ePassport, Smart Cards, HSMs, PDF Signing, Digital Signatures and Validation using smart cards (Government Based Projects)
2. ISO27001 (Information Security), ISO31000 (Risk Management), ISO20000 (Service Management) & ISO55000 (Asset Management)
3. Cisco Inter-networking, CCIE Written Certified, Enterprise projects consultation.
4. Linux/Unix Consultation with various Linux Certifications.
5. Virtualization Including Application Virtualization in Citrix, and OS Virtualizations.
6. Encryption with Several Products and Open Source PGP, Symantec PGP & OpenPGP, Zertificon – S/MIME.
7. PKI Specialist (Root CA, CRL, OCSP, Certificates).
8. Managing Teams Experience, Kick-off meetings, KPI (Key Performance Indicators) documents preparation.
9. SLA Planning and Assurance
10. Sales & Presales Management - RFPs, RFQs, Tenders.
11. Security policies drafting and Security Awareness trainer.

Certifications

1. Linux Professional Institute Certified – LPIC1
2. SUSE Certified Linux Administrator – SUSE Linux Enterprise Server 11
3. CompTIA Linux +
4. Symantec PGP Universal Server – Symantec Technical Specialist – STS
5. Cyberoam Certified Network and Security Professional – CCNSP (UTM)
6. Cisco Certified Network Professional – CCNP – Routing and Switching
7. Cisco Certified Network Associate – CCNA – Routing and Switching
8. EgoSecure Certified Engineer – Data Loss Prevention – Endpoint Security
9. VMware Certified – VCA DCV- Data Center Virtualization
10. ITIL V3 – Information Technology Infrastructure Library – by EXIN
11. Zertificon – Email Encryption – Z1 Certified – SMIME /PGP Encryption
12. Penta Security – WAPPLES Certified Basic – Web Application Firewall
13. AirWatch Enterprise Mobility Associate – Mobile Device Management - MDM

Training

- May. 2014 BundesDruckerei GmbH, **Berlin, Germany**
 - ❖ ePassport Issuing Systems



- System Installation, Configuration and Management.
- Database Connection, Network Connection & Active Directory Deployment.
- Exception Handling in System Workflow, ICAO Compliant ePassport Production Phases.
- Linux Systems, HYDRA MPDV/MES Installation & Tuning(SUSE Based).

*** Detailed Training information along with training certificates can be found on:**

www.thekilani.com

PentaSECURITY

- Nov.2014 **Penta Security** Dubai Silicon Oasis, **Dubai UAE**
 - ❖ Web Application Firewall WAF, Database Encryption (Penta Security)
 - Technical Training on WAPPLES WAF, Diamo DB Encryption, Presales/Techno Commercial feasibility training with other competing products of Barracuda , F5 and Imperva .
 - Risks arising for Web Applications and challenges being faced by Enterprises in that regard.
 - Live Penetration tests (black and white box) as part of PoCs drill.
 - Full Configurations cycle of the 2 products.

AVAYA

- July.2009 ARTELCO – **Amman Jordan**
 - ❖ AVAYA Voice over IP solutions
 - VoIP technology and TV over IP solutions.
 - IP Office Installation
 - AVAYA S8XXX Series Installation and Configuration.
 - AVAYA Gateways G250 , G450 Installation.

Experiences

- 4th of September 2016 – Until Now
Enterprise Architecture & Innovation Manager – Managed Services
Emirates Integrated Telecommunications Company du – Dubai UAE
- 
- Responsible of cutting edge technology trends of smart cities like IoT, Big Data and Object Based Storage side by side the technologies relies within, from NoSQL approach DBs and ending with platform application optimization and accordingly develop RFP responses to customer requirements.
 - End-to-end consultation on open source IoT platforms initiative with underlying technologies of compute, virtualization and storage side by side the software defined application layer while creating a support efficient and development model.
 - Developing state-of-the-art managed security services of products like SIEM, DDoS, Secure Web Hosting, APT while imposing multi-tenancy in place to be conformed to the business and cloud market requirements.
 - Responsible to Managed Services Cloud portfolio at all aspects of IaaS, SaaS and PaaS, With the target to respond to new customer prospects in the market in timely and efficient manner.
 - Translate customer requirements to technical specifications and develop the solutions with vendors and System Integrators to meet the overall response to Customer Requirement Documents.
 - Prepare Solution Design Documents in coordination with the OEM Vendors and System Integrators on technical designs and solutions with all necessary options required to fulfill the customers stated technical needs.
 - Provide recommendation to du Managed Service executives on how RFP responses may be migrated to standardized solutions on the existing Managed Services roadmap.
 - Prepare RFP technical chapters: atomic evaluation criteria on solution design, delivery/integration and operation.



- 23rd Nov 2015 – 3rd of September 2016

IaaS Service Design Consultant – Managed Services

Emirates Integrated Telecommunications Company du – Dubai UAE

- Responsible to Managed Services data, voice, and security Solution Architecture Designs for developing RFP responses with the target to respond to new customer prospects in the market in timely and efficient manner.
- Translate customer requirements to technical specifications and develop the solutions with vendors and System Integrators to meet the overall response to Customer Requirement Documents.
- Prepare Solution Design Documents in coordination with the OEM Vendors and System Integrators on technical designs and solutions with all necessary options required to fulfill the customers stated technical needs.
- Provide recommendation to du Managed Service executives on how RFP responses may be migrated to standardized solutions on the existing Managed Services roadmap.
- Prepare RFP technical chapters: atomic evaluation criteria on solution design, delivery/integration and operations.
- Prepare RFP responses with vendors and System Integrators with the necessary SLA definition, LLDs, KPIs, responsibility matrix.
- Support du legal on contract negotiations and sign-off with customers.
- Lead RFP technical sessions.
- Define/adjust processes on end-to-end management of the service: governance, monitoring, change management, incident management, provisioning / decommissioning.
- Support service provisioning and service assurance functions to fulfill the proposed solutions to the customers.

- 2nd January 2014 – until 15th May 2015

Information Security Consultant – Project Lead

ISPIN MEA FZCO / BundesDruckerei GmbH Dubai UAE



- UAE ePassport issuing systems project , back end support related to Database , web applications, Linux servers , API between systems and PKI(public Key infrastructure).
- BundesDruckerei www.bdr.de representative related to technical issues being faced by Ministry of Interior MoI upon issuing chip based ePassports.
- ME1000, AS1000 ePassport personalization machines (electronic and optical) consultation ranging from optical to electronic using RFID technologies as well consultation in Oracle DBs, Web Services (WSDLs), Oracle SOA Suite and ICAO Compliant ePassport Lifecycle.
- PGP Encryption using Symantec PGP Encryption Management Server – Email Encryption.
- Data Leakage Prevention Solutions (DLP), Linux/Unix Systems Deployment , Network Infrastructure Design and Configuration(Symantec DLP, EgoSecure Endpoint).(Symantec DLP, EgoSecure Endpoint)
- Emirates Identity Authority – Validation gateway Project consultation in major areas of PKI , Smart Cards , CA (Certificate Authority) , OCSP , CRL , HSMs (Hardware Security Modules) and NTP Servers (GPS Based) Meinberg NTP , PDF Signing , Digital Signing .
- Web Application Firewalls (WAPPLES, PENTA Security WAFs) Analysis and Deployments to mitigate threats like XSS, Cross Site Scripting, SQL Injections, Backdoors, Web Apps Defacement, Denial of Service DoS, DDoS and Broken Authentication and session management.
- RSA Security Analytics (Envision Migration), SIEM (Security Incident and Event Management) Syslog and Packet Monitoring Deployment and outcome consultation for several clients.
- McAfee DLP outcome consultation for several clients using ePO centralized management console.
- IP360/ nCircle Vulnerability Management, PT (Penetration tests) using KALI Linux and Black Ubuntu with tools like Maltego , Aircrack-ng , SQLMap, ARP Spoofing , Session Hijacking , VoIP Channels manipulation.
- Open-Source CA, EJBCA from PrimeKey Deployment, ISO27001 Experience.
- Presales activities and techno-commercial consultations for various security products.

- *1st September 2012 – 31st December 2013*
IT Coordinator -Project Coordinator
Dubai Islamic Bank, HO UAE – Dubai UAE /Deira



- ITIL V3 (Information Technology Infrastructure Library) Process Management.
- Incident management and resolution in SLA (Service Level Agreement) Manners.
- Coordination with different Business Units regarding work flow and system changes deployment.
- Microsoft Active Directory Administration in respect to Organizational Policies and access control algorithms followed.
- HP Service Manager Structure process and first level interaction for more than 3.5 k Users
- Coordination with Access Control Unit regarding FlexCube Access Issues related to user privilege levels RBAC (Role Based Access Control) along with policies followed.
- Support Portal Development – Internal Support Portal for Service Desk in order for remote users to ask for support within local VoIP network of Dubai Islamic Bank of Avaya existing Infrastructure using SIP and H.323 protocols- Idea was inherited from my portfolio website : <http://www.thekilani.com> to apply the same Click-to-Call support – through Avaya Genesys.

- *10th August 2011 – 12th June 2012*
Senior Technical Engineer / 10th August 2011 -7th November 2011
Technical Account Manager / 8th November 2011 – 12th June 2012
Panorama IT , Riyadh – Kingdom of Saudia Arabia KSA



- Fortinet VPN Routers , UTMs Installation(Cyberoam), Configuration and troubleshooting.
- Cisco Routers , Switches Installation along with fiber optic termination and cabling infrastructure.
- BlueCoat ProxySG Installation.
- Riverbed Products Installation.
- UPS(Uninterrupted Power Supply)Installation & Power Design (APC, Eaton)
- IronPort Cisco security.
- Project assessment, planning and design as a presales Engineer.
- SonicWall UTM installation, SonicWall recovery and backup solutions Installation.
- Fax Management Solution Installation (FaxSoft).
- VoIP (SIP) and video (H.323) solutions installer (Maximizer IP telephony).
- Bandwidth management & Load Balancing Solutions Deployment.
- Company Website : www.panoramait.com.sa (Development of the company's website was done by me)
- Setting up and finalizing Quotations of projects ending with Purchase orders and delivery assurance.

- *25th February 2010 –1st August 2011*
Systems & Network Engineer / Training Manager
Jordan Bits Training Center – Amman Jordan



- Training labs preparation for the center's trainees using VMware and Virtualization technology.
- Handling center's network connectivity and routing protocols applied within the center like EIGRP, OSPF and RIP where applicable (Cisco Technologies).
- Handling Microsoft Servers like DCs (Domain Controllers), ISA, and firewalls.
- Managing Linux Servers (CentOS, Gentoo, Redhat) and preparing testing environment for the center's student.
- Microsoft SCCM Administration, where addressing computer issues remotely when required.
- Managing wireless infrastructure within the center while creating security policies like VLANs when required.
- Managing webservers IIS from Microsoft and SQL DBs when required within the center.
- Citrix XenApp Application virtualization when required to be used by the center's needs.

Projects

- **Combat Training Center – Rheinmetall Defence – Live Simulation Systems**
UAE Armed Forces – May until November 2015
Role: Computer and Security Systems Architect
- **UAE ePassport Issuing System – Ministry of Interior** Enrolled in Jan 2014
Role: Information Security and Systems Architect
- **Environment Agency – Abu Dhabi , UAE** Enrolled in June 2014
Role: Systems Architect – RSA Security Analytics SIEM Solution
- **Emirates ID – Abu Dhabi, UAE – Validation Gateway Project** Enrolled in Jan 2015
Role: PKI Operations Specialist
- **Emirates ID – Abu Dhabi – ISO27001 – Policies and Procedures**
Role: ISO27001 Implementer and Auditor
- **Emirates Post – Data Loss Prevention** Enrolled in Jan. 2015
Role: Systems Architect
- **Dubai Islamic Bank – Dubai, UAE – Support Portal Development**
Role: Developer
- **Chamber of Commerce – Riyadh Saudia Arabia Al Kharj – UTM & Security Awareness**
Role: Systems Architect and Security Awareness Trainer



Skills Keyword Pool

Network topology designs, traffic analysis, network capacity planning, network cabling, cabinet patch panels, patch cord, switches, routers, firewalls, servers, proxy devices, OSPF, EIGRP, RIP, TCP/IP, DHCP, DNS, SMTP, SNMP, SNTTP, performance-monitoring, wireless AP, security protocols, PABXs, UPSs, PC's Hardware and Software maintenance, Web Development, Software Development, Network programing, Distributed System programing, Graphics programs, Database and Database Servers, VB.Net, C++, JAVA, PHP, HTML Websites Development: Asp.Net, JavaScript, CSS, XML, MYSQL, MS SQL Server 2008, Oracle DB 10g, MS-DOS, MS Windows XP, Vista, Seven, Unix& Linux: Red Hat, Fedora, Adobe Photoshop CS3, Smart Draw, MS Office 2010, MS Project Professional, MS Visio, wire shark, ISO27001, ISO20000, Information Security Regulations ISR, PHP , API , PGP , SMIME , Email Encryption , CentOS, CCIE , CCNP , Wireless , IP Telephony , Open Source , Mikrotik , Asterisk.



<http://www.thekilani.com>



TheKilani.com