ABDELLAH ZARRAFA

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MAINFRAME SYSTEM PROGRAMMER

PROFESSIONAL EXPERIENCE

Since February 2019: Feel europe-SII: BNP PARIBAS PARTNER FOR INNOVATION (BP2I)

- Provide z/os 2.3 operating system support for IBM z14 running CICS, IMS and DB2.
- Maintain the z/OS PARMLIB libraries.
- Manage the USS environment on an IBM z/OS mainframe platform.
- Significant involvement in upgrade of operating systems to new release.
- Significant involvement in upgrade of third-party software products to new releases.

November 2012 to January 2019: *Attijariwafa bank*

Provide onsite z/os systems programming support, includes all associated subsystems running on two zseries processors.

- Technical support for migration from z/vse to z/os system.
- Perform all functions related to CICS: Administration; Monitoring; Troubleshooting and problem determination; Configuration, installation, and patching of software components; Performance tuning
- Ensure Customer related Project is aligned with Customer Security Policy and provide solution/recommendation to achieve the best Security practice.
- Perform all function related to MQ Performance and Tuning, software maintenance, resource definition and problem determination on the z/OS platform
- Primary engineer for the Z/OS operating system and supporting IBM products. Support the Z/OS LPARs systems. Ensure Z/OS operating systems are up to date and compliant.
- Also, support the CICS, Ca DATACOM, and TCP/IP infrastructure. Provide backup support for these activities as it relates to the IBM Mainframe systems.
- Installation and support of WebSphere MQ managers
- Perform general system programming support in the areas of Z/OS.
- Also may perform systems programming for Z/VSE, CICS, and CA DATACOM systems engineering functions, design work that may include I/O configurations (HCD), Z/OS, Z/VSE and Linux, and third party product architecture analysis and design.
- Perform systems troubleshooting and incident management for assigned systems and products.
- Support the planning and direct upgrades of operating systems and/or third party product designs or systems enhancements.
- Manage storage subsystems to ensure that sufficient space is available for customer processing
- Work together with Performance & Capacity and Account teams to ensure adequate tape/disk capacity is installed and available.
- Manage TAPE library management system.
- Control all aspects of storage, including initializing and assigning storage volumes to meet service levels.
- Establish, document and maintain storage standards, policies and procedures.
- Archive infrequently used files according to standards established to optimize disk storage.
- Provide disaster recovery (business continuation) services for restoring data to a previous level within mutually-agreed time frames

Worked on strategic projects:

- **RACF security** : implementation of security policy in z/os
    - Project technical coordination

- Prepared the security policy with security team
- Test , integration and deployment of security RACF
- Provided RACF administration duties including creation of user profiles, dataset profiles, and various other RACF classes.

- **Migration from z/vse to z/os 1.13** :
  - Project technical specification
  - Contribution to the design of the technical architecture
  - Installation, configuration of zserises servers ZBC12, created IODFs using HCD
  - Installation of z/os 1.13 from SERVERPAC
  - Performance test
  - Management of environments and Deliveries
  - Assisted with VTAM and TCP/IP configuration. Implemented SMTP, FTP, and Telnet services.
  - Provided SMP/E installation and maintenance for a variety of program products, including: Ca DATACOM/DB, CA SCHEDULER, CA 1, CICS TS, CA SYSVIEW, and WebSphere MQ.
  - Migrate z/vse products to z/os products (ca products, CFT…)

- **Migration tape from MAGSTAR 3590 to VTL EMC (DLM):** This project aimed to modernize the vault management tape using virtual tapes.
  - Project technical coordination
  - Installation, configuration and deployment of the DLM solution (Disk library mainframe)
  - Administration and tuning of the new EMC solution
  - Setting the strategy of migration from cartridge to virtual tape.
  - Integration of the DLM solution with SMS and CA 1

- **Credit rating solution** : StrategyOne software implementation on 3 platforms (z/os ,AIX and windows server)
  - Project technical coordination
  - Assistance in the technical architecture design
  - StrategyOne solution implementation
  - Assistance in the backup policy definition

- **Data migration from IBM DS8000 to DS8870**: This project aims to upgrade the storage system
  - Contribution to the design of the technical architecture
  - Implementation of Global mirror between two DS8K
  - Qualification and regression testing

- **z/os Disaster recovery**:
  - Impact and business risk analysis
  - Definition of IT disaster recover policy (Mainframe domain)
  - Planning management of disaster recovery
  - Coded REXX scripts to automate the Disaster Recovery process
  - Participated in several successful D/R tests.

- **Credit bureau services :** implementation of cics web services
  - Project technical coordination
  - Assistance in the technical architecture design
  - Developed new inbound/Outbound program in CICS Web Services Environment with support of CICS Transaction Server 5.1

PROFESSIONAL QUALIFICATIONS

Systems	z/os , z/vse
Networking	SNA ,TCP/IP, OSA-Express, Communication server
Disk Storage	DS8K, EMC DATADOMAIN 5200
Tape Storage	MAGSTAR 3590, DLM, VTS
Software	HCD, SMP/E, WLM, ISPF, SMS, CICS TS, ICCF,RACF, LIBRIRIAN and CA 1,CA SCHEDULER,CA SYSVIEW.
Data Base	DATACOM DB
Middleware	IBM WAS, CFT, MQ
Language	JCL,cobol, REXX, JAVA, C, Shell, perl, SQL

EDUCATION

Cycle ingénieur d'Etat en Télécommunication spécialité en ingénierie des systèmes Télécom   (**engineer diploma**), **2008 - 2012**
Institut nationale des postes et télécommunication, Rabat – Morocco

Diplôme des études universitaire général en mathématiques appliquées (**Master degree**), **2006 – 2008**

Faculté des Sciences Ben M'sik Casablanca - Morocco

Professional training

Management training for IT projects.
Personal Development - Dale Carnegie. | Certificates Dale Carnegie: Time management and teams.
RACF administration
z/os DFSMS + WLM + REXX + CS
Ca products
SSF0G – IBM DS8000 Implementation Workshop
TK263G IBM Security zSecure Admin Basic Administration and Reporting
TK253G IBM Security zSecure RACF Management Workshop
TK243G IBM Security zSecure RACF and SMF Auditing
TK223G IBM Security zSecure UNIX System Services (USS) Security Overview
TK273G IBM Security zSecure Audit Rule-based Compliance Evaluation and Customization

Skills

Language proficiencies: Fluent in Arabic, English and French.