

Personal Details

Name: **ASKARI AZIKIN**
Nationality: Indonesia
Date of Birth: 24th January 1981
Languages: English, Bahasa

Summary Skills

- +5.5 Years of Experience in Telecom (MSS, MGW Integration, Commissioning, Testing and O&M support.)
- Strong experience of GSM and UMTS Network (SS7, Sigtran, BICC, TCP/IP, SIP, ATM, GCP, IPBCP, INAP, TCAP, MAP, CS, RANAP, BSSAP)
- Good experience of integration of Ericsson AXE nodes, APZ 21233/50/55/60 (MSC Server) and APG40/APG43, MSC-s Blade Cluster R14.0 and MGW (BC 4010/4020/4040) with various BSC and RNC nodes.
- Very good knowledge of Ericsson Blade cluster and MGW Nodes.
- Strong understanding of GSM and UMTS, GPRS Call Flow, IN call flow (CapV2 & V3).
- Strong knowledge on GSM, WCDMA, IP, mobile communication standard in 3GPP.
- Successfully completed total 11 Telkomsel projects of MSC-S (APZ 21250/55/60) and MSC-s Blades Cluster implementation, commissioning and integration (Ericsson AXE 810/APZ 21250/55/60, MSC-s Blade Cluster).
- Successfully complete total 3 Telkomsel projects of MSC-s software upgrade (AP and CP upgrade) from R12.1 to R 13.2.
- Successfully complete total 1 Telkomsel projects of APG40 C2 to APG40 C4 upgrade.
- Significant Experience of Design, preparing CCR form for MSC-s and MGW, preparing DT Transcripts, Loading Data transcripts, Startup, configuration and integration.
- Successfully complete total +90 Telkomsel projects of BSC and RNC rehomng.
- Good experience in troubleshooting calls, SMS, Fax problem during new MSC-S and MGW integration.
- Experience of Operation & Maintenance of Ericsson MSC-s, MGW and SGSN (Alarm clearance, daily routine checks, statistic monitoring, generating statistics reports, additional of new routes & links, modification B number analysis, routing cases, hardware expansions and weekly reports).
- Ericsson APA tool, SCCP decoder and Wireshark trace analysis knowledge.
- Significant experience of setup, commissioning and integration of Wireshark Monitoring Server Linux (Monisrvl) used for internal Blade Cluster (BC) signalling tracing in customer network.
- Significant experience of setup and maintenance of UNIX or GNU/Linux Server Applications: E-mail Server apps – Postfix, Dovecot, Spamassassin, Mailscanner, DNS server – BIND, FTP server – VsFTPD, proFTPD, Apache web server, Samba server, OpenLDAP, Squid server, Nagios Monitoring system, Bacula system backup, Traffic Analysis – Munin, Mailgraph, Lightsquid, webalizer, OpenVPN.
- Significant experience with a vast variety of operation systems: distribution of GNU/Linux, Mac OS X and Microsoft Product. Complete fluency with the GNU/Linux and UNIX system, both as system administrator and as user.
- Significant experience of software development with Perl and shell scripting.
- Good Customer Relationship.
- Excellent interpersonal and teamwork skills.
- Fluent in International language (English).

Employment History

April 2011 – Present

Ericsson Indonesia (Permanent)

Services Engineer, CND (Core Network Design)

- Network Roll out of Telkomsel Operator, GSM and UMTS Project.
- Preparing Detailed Level Design (CCR Form) for new MGw/MGw expansion BC4010, BC4020, BC4030 and BC4040.
- Preparing Detailed Level Design (CCR Form) for MSC-S Server and MSC-S Blade Cluster for R14.0 and R14.1.
- Produces DT and CCR scripts for MSC-S Blade Cluster and MGw after DLD finished.
- Preparing Detailed Level Design for Blade expansion and producing traffic DT script for MSC-S
- Interpretation of high level design (HDL)
- Weekly meeting with customer and Ericsson internal for design and implementation plants scenario and progress reports.
- Verifying CCR form via CCR tool

June 2008 - March 2011

Ericsson Indonesia (Permanent)

Services Engineer, CS Integration

- Environment: Ericsson AXE 810, AXE10, APG40, APG43, APZ21250/55/60, Blade Cluster.
- Handling Complete Ericsson AXE 810.
- Start up, testing and commissioning new MSC-Server and MSC-S Blade Cluster including DT transcript, Hardware functionality check, hardware acceptance test procedure (ATP).
- To Integrate the new or existing MGw, BSC and RNC to MSC-Server/MSC-S Blade Cluster.
- Troubleshooting all call/sms/fax data call problem before integrate to live network.
- Interpretation of network rollout plants.
- Perform switch installation check list according the installed hardware based on C-Module.
- Do possible innovation based on customer requirement (service and support) during and post integration.
- Keep customer up to date about progress of projects.
- Re-homing alot of MGw, RNC and BSC.
- To integrate MSC-Server and MSC-S Blade Cluster to ITP/STP, HLR for signalling purpose by using high speed signalling (HSL) both of TDM HSL or ATM HSL.
- GCP cut over from one Mobile Media Gateway (MGw) to another Mobile Media Gateway (MGw).
- Sigtran migration from single-homed to multi-homed.
- RPB-S (serial) to RPB-E (ethernet) migration on MSC-Server.
- Hardware expansion on MSC-Server and MSC-S Blade Cluster.
- IS (Integrated Site) software upgrade.
- Configure IPLB for connectivity towards MPBN network and internal blade cluster connectivity.
- Configure SPX and MSC/TSC Blade cluster for handling traffic.
- Integrate MSC-Server and MSC-S Blade Cluster to GSS, Monolithics MSC and GMSC Siemens.
- SIP/SIP-I implementation on testbed and live node.
- Features Activation on MSC-Server and MSC-S Blade Cluster such as CMN, Nb over IP, MSC in Pool, MSC Pool Proxy.
- MSC Blade expansion for R14.1 upgrade preparation.
- MSC-S in Pool and MSC-S Pool Proxy implementation in Telkomsel Project.
- MSC-S software upgrade from R12.1 to R13.2.
- APG update to AGM18.
- Loading DT for RNC and BSC and perform testcall (MO, MT, SMS and fax data) and troubleshooting if any problems occurred.

- Trouble shooting APG and CP startup problems.
- Testing of APZ 21250/55/60 Servers.
- Implement and Update Licence Key Product of MSC-S Blade Cluster.
- Integrating O&M and Sigtran Ports with MPBN Network.
- Testing and Cold Startup of Ericsson MSC-Server R12.1 with APG-40C and APZ-21250/55/60
- Testing and Commissioning of GSS R13.2
- Group Switch (GEM), ET 155 Expansions and RP Expansion.
- Testing and Cold Start-up of APG Windows 2003 Server
- Implementing Sigtran Ports in MSC-Server
- Giving active support during Integration of Ericsson Nodes
- Implementation of Sigtran (GARP)
- Knowledge produce DT1 and DT2 as per network Design(Occasionally)
- Start up and Initial test of APG 40. Defining MAC address in Server Manager.
- MAC Address for New CP version UPBB2
- Start up and Initial Test of APZ 21240/55/60. R10/R11/R13/R14 Release.
- Giving active support during Integration of Ericsson Nodes.
- Testing and Commissioning of AXE 810 Nodes.
- Burbbackup for APG40 and APG40/C Windows 2003
- CP Backup and Back up on TAPE.
- During Hardware Testing of AXE/MSS
- Test of APIO, MCS, FMS, MAS, CPS and Alarm Panel.
- Verification of connection of remote CPT in APG40 (For APZ 21240/50).
- Test of IP addresses for UPBB in a CP side.
- CP Single side – RP Communication Test.
- Manual Intervention in Both CP.
- Manual Small and Large Restart.
- Reload from Main Store.
- Manual Large Restart with Reload.
- APG test and Test of Factory Dump and Backup by verifying Bur Backup.
- Final Test of RP EM and Group Switch with Customer.
- Test of External Alarms.
- Final Test of APG and Exchange.
- Final test of APZ and Dumping function.
- AP and CP software backup.
- FEX Loading of APZ.
- RTR (OSS Charging) definition in APG2
- RTR scripts in APG1
- Definition of CNI and Middleware.
- Cloning of APG
- Rebuild of Raids

June 2007 - Mei 2008

Ericsson Indonesia (Permanent)

Back Office Engineer, Managed Services Department

- Environment: Ericsson AXE 810, AXE10, APG40, APZ21240, MGw R3/R4, SGSN
- Handling Complete Ericsson AXE 810.
- Perform activities in the live node such as rehomeing RNC and BSC based on customer needed for rebalancing processor load, capacity of MSC-Server and Mobile MGw.
- Listening carefully what customer need during the monitoring period and receive complaint and perform troubleshoot /fault handling relate to MSC-S, MGW and SGSN.

- Perform montly report the network performance (KPI) to customer.
- Hadware expansion and replace faulty hadware for MSC-S, MGw and SGSN.
- Collect statistics for MSC-s, MGW and SGSN.

Jan 2006 - December 2006

Siemens Indonesia (Contract)

Operation and Maintenance Engineer SS

- Environment: Siemens MSC, HLR, EIR.
- Software upgrade SR10 to SR 12 for monolithics MSC, HLR, EIR.
- Implement patches for MSC, HLR and EIR nodes.
- Hadware expansion and replace faulty hadware in customer nodes.

Education

2000-2005

Telecom Institute of Technology, Bandung - Indonesia

- Telecommunication Engineering

Professional Training

- MSC-S Blade Cluster overview
- MSC-S Blade Cluster Operation and Troubleshooting
- Signalling in the core network
- M-MGw R4 Operation and Configuration
- MSS I&C (Hands on)
- IP advance and troubleshooting
- MPBN basic and advance
- APG 40 O&M
- APZ 212 50 Delta
- APG 43 Windows Delta
- GSM/UMTS/WCDMA Soft Switch Solution, introduction
- 4 weeks OJT with Ericsson foreign experts in Indonesia for rollout of MGw
- 2 weeks OJT with Ericsson Local experts in Indonesia for Rollout of MSC-server
- 4 weeks OJT with Ericsson foreign experts in Indonesia for rollout of MSC-S Blade cluster
- CCNA course and certification
- Hacking Windows and Linux

Telecommunication Software Tools

- GSM and UMTS Technology, Bluetooth, Infrared, Switching system , MSS.(Soft Switch)
- Knowledge of signaling protocols like SIGTRAN, MAP, BSSAP, RANAP, ATM, GCP, H.248, SIP, GTP, PDP and other SS7 protocols.
- Knowledge of IP network & Routing.
- Winfiol, Moshell/AMOS.
- APA tool, SCCP decoder, MGw decoder
- Wireshark
- CCR TOOL

My Free-Open Source Software Projects

- PCM Parser Tool (Ericsson Tool)
To parse PCM number based on MISC1 sequences. This tools can reduce our time and human error during integration and re-homing/reparenting BSC, monolithics MSC, GMSC and TSS/GSS. This tool use Perl language.
- Camba2LDAP
This software can be used to create/delete/display LDAP directory via GUI (graphical user interface). This software combines text mode and GUI mode. This software also use Perl language.

Networking Experience

- Owner and System Administrator <http://www.debianindonesia.org>
- Assistant Internet Laboratory STT Telkom Bandung

Book Publications

- Debian GNU/Linux – Published by Informatika Bandung
- Video Surveillance - Published by Elex Media Komputindo Jakarta
- Video/TV streaming - Published by Andi Offset Yogyakarta
- Debian GNU/Linux - Published by Andi Offset Yogyakarta
- Samba server and Pico Editor – Published by <http://www.ilmukomputer.com>

Computer Skill

- Perl language, Linux Shell Scripting, Debian, Redhat, Slackware, CentOS, Mandrake, OpenSuSE Linux, Sun Solaris, Mac OS X, Drawing: Visio, Omnigraff, Word Processor: MS. Word, Openoffice, Libreoffice, Abiword, Typesetting: LaTeX, Server applications: Email server (Postfix, dovecot, spammer: spamaasassin, mailscanner), DNS server (BIND), FTP server (VSFTPD, ProFTPD), Apache webserver, Samba server, OpenLDAP direcorey, Active Directory, Squid Proxy, Nagios monitoring system, Bacula system backup, Traffic and statistics monitoring (munin, Mailgraph, Lightsquid, webalizer).

Scholarship

- Bukaka Foundation

Public Speaking Experience

- Talkshow “*Menggal Potensi Menulis melalui Minat Baca*” – STT Telkom Bandung
- Seminar Debian GNU/Linux – STT Telkom Bandung
- Seminar Debian GNU/Linux – STMIK Dipanegara Makassar

References

Available upon request