REETURAJ BHUYAN
SENIOR SUPPORT ENGINEER

reeturaj.bhuyan@gmail.com

8178330644

PROFESSIONAL EXPERIENCE SUMMARY

Having 9+ years of professional experience in projects of Telecom System Integration & Deployment which include Configuration, troubleshooting, Implementation and installation of Charging Systems, Convergent Charging & Billing solutions. Provide technical support and handling multiple clients across the world which includes projects like WifI Offloading, Wifi Monetization, Broadband Solutions and Fixed IN. Currently working as Specialist 5GC, responsible for deploying 5G modules on cloud native Openstack/Kubernetes or bare metal Openshift.

EXPERIENCE

SPECIALIST (Product and Solution Introduction 5G): Ericsson India Global Services Pvt Ltd

From 04 May 2022-Till Date

Overview : Responsible for deployment and integration of 5G Modules and execute 5GC solution including AMF,SMF,UPF,NRF,NSSF,UDM,AUSF,NEF,PCF. Instantiation of 5GC modules on cloud native architecture such as Openstack and Kubernetes and bare metal Openshift to onboard the 5GC Network Functions.

LEAD ENGINEER(Solution Integration 5G): Alepo Technologies Pvt Ltd

From 1st April 2021-22 April 2022

Overview : Responsible for deployment and integration of 5G Modules along with external system. Performing IOT to see the use cases, database configuration, stress run. Dry run with actual traffic, monitoring and statistics analysis for performance applications. Responsible for documentation of project specific documents and support handover document.

SENIOR SUPPORT ENGINEER : Alepo Technologies Pvt Ltd.

From 4th March 2019 – 1st April 2021

Overview: Provide Technical assistance to multiple clients around the world providing solutions like Wifi Monetization, Wifi Offloading, Broadband and Fixed IN. Provide Support in resolving issues related to monthly/daily billing like Monthly renew failure, Provisioning failure, Payment and CDR/EDR Discrepancy.
Support R&D Team in developing new patch to resolve bugs in the system. Collaboration with R&D Team in developing and Testing new features and upgrades. Analyzing various Wireshark Traces, Application, SS7 Traces, TCP Dumps to resolve Data(Gy/Gx), Recharges and Voice related issues.

SENIOR ENGINEER : Ericsson India Global Services Pvt Ltd

From 25th September 2014 – 1st March 2019

Overview: Senior Engineer and 2nd Level Assurance Support Engineer delivering high-quality Configurations and Technical Support at server level which provides services to a subscriber base of more than 200 million subscribers. Configuring and troubleshoot Solaris and Linux Servers being used for Mobile prepaid Ericsson's IN network Provide assistance to testers and support personnel as needed to Configure requirements or to determine, troubleshoot and debug an issue

PROJECTS	• **Load Balancing**: Balance the traffic on SDP Servers in the network so that all the Servers in the network are working within their thresholds.

Role: Blocking of Subscribers, dumping subscribers and loading in Target node, Making changes in other IN nodes like CCN,AIR,ECMS

• **Geo Redundancy**: Creation of C database on nodes like SDP. Eg: SDP fail over and switchover Testing in turn helps during natural calamity like Fire, earthquake etc.
Role: DB Replication, Failover/Switchback execution, Traffic migration, Link creation

• **EOS (End of support E2900SDP):** Removal of SDP's on E2900/T2000/T2200 H/W from network and migration of database to new HP Linux Nodes

Role: Load Balancing, AF,VS Migration, AIR/CCN/ECMS Traffic routing

• **New node Integrations**: Introduction of New Nodes (AIRs ,SDPs,VS,ECMS,EMM). With the offloads of EOS V440 and E2900 new nodes were to replace the old ones.
Role:Traffic routing, Sigtran. CIP Link creation, EMM Integration across required nodes.

• **National MNP**: Deployment of NMNP in PAN India and related changes in other connected nodes.
   Role: AF Lookup creation, Load balancing, SOG Changes

• **Mediation migration in EMM (Ericsson Multi Mediation):** Switching from IBM Mediation to Airtel Mediation

Role: Mediation change, Push CDRs to new mediation

• **EMM (Ericsson Multi Mediation) Migration**: Migrating from one EMM to another
Role: Change routing in all IN Nodes
• **CA Loading**: Service Class Parameter changes and SOG Commands changes as per the Goldmine project
• **Deployment & Migration:** Supported during deployment of Alepo Platform and migration of users from old platform to Alepo Platform from On-Site (Sri Lanka)
• **5GC Deployment:** Deployment and integration of 5G Modules and execute 5GC solution including AMF,SMF,UPF,NRF,NSSF,UDM,AUSF,NEF,PCF. Instantiation of 5GC modules on cloud native architecture such as Openstack and Kubernetes and bare metal Openshift to onboard the 5GC Network Functions.

OTHER PROJECTS
  • Emergency Package 2H loading on CCN
  • CCN Cutover
  • OCC Integration
  • Tomcat Parameter change in ngCRS
  • DB Expansion
  • Redundant flow creation in EMM (Ericsson Multi Mediation)
  • EMM (Ericsson Multi Mediation) Migration from EMM7 to EMM15
  • ASA(Advanced shared accounts)
  • Emergency Package 2H loading on CCN
  • AAA integration
  • 5G Modules integration (PCF,UDM,UDR,AUSF,HSS)

SKILLS & TECHNOLOGIES	- DIAMETER, GY, GX, SY, ESY, CAMEL, INAP, MAP, RADIUS, SIP,REST.HTTP2 - REST, SOAP - Kubernetes, Docker, Helm - ORACLE, MYSQL, MARIA DB, MONGO DB,COUCHBASE - Tools – PUTTY, WINSCP - Operating Systems: MSOffice, Ubuntu, Unix, Solaris, Windows, Redhat, Linux Sun/HP X86. - Platforms: FDS, TSP - Basic Shell Scripting
TRAININGS & CERTIFICATES	- On-job training on INTELLIGENT NETWORK nodes, GSM, IP Basics. - ITIL Foundation Certification in IT Service Management
BEYOND PROJECTS	- Developed Multiple Scripts so as to reduce manual effort and to kill manual mistakes. : Automated Link Creation Activities in CCN, changes in in CCN During Geo-Red. Also developed scripts for Cache Clear in OCC during Load Balancing activities along with Scripts to validate changes in SDP and CCN. - Performed BO-Acceptance test for SDP,EMM,NGCRS - Automated mail alerts in Servers to notify misbehavior in the systems.
AWARDS	Achieved ACE & Power Awards in Ericsson which is given to the performer of the quarter. ACE Award (Fourth Qaurter quarter-2015), Power Award (4th Quarter 2016), ACE Award (4th Quarter 2017)
QUALIFICATION	B.Tech Degree: College: Sikkim Manipal Institute of Technology Major: Electronics and Communication Engineering. School: (12th): School: Delhi Public School, Duliajan. Major: PCM. School: (10th): School: St. Xavier's School, Duliajan. Major: PCMB.
PERSONAL INFORMATION	DOB : 22/05/1990 Nationality: Indian Languages: English, Hindi, Assamese Permanent Address: BOC Gate, Duliajan Dist: Dibrugarh, Assam PIN:786602