## CHANDRA TELUKALA

## SAP GRC-SECURITY CONSULTANT

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**Executive Summary**

More than 8 years of experience in SAP, working on with different areas that include:

* More than 6 years of experience on SAP GRC 10, involved from Project preparation to GoLive and supporting GRC 10 Access Control - Requests Analysis and troubleshooting - Access Request Management, Business Role Management, Access Risk Analysis and Emergency Access Management Modules. Team member of the GRC upgrade Team at Verizon.
* Worked on SAP Security implementations form 4.7 to ERP 6.0 EHP7 involved in various activities like responsible for day to day technical support and resolution of security issues, trouble shooting SAP Security authorization problems. Architecture and detailed Design documents used for SAP Security & Authorization implementation Security Design and Controls the User Access in the Production Environment. Creating Test IDs and attach appropriate Business Role, support Testing team and also performed Unit Testing, Integration testing on created roles using Test Director Tool. Working closely with Business Process lead, Functional teams and other Technical teams to collected the requirements during the global project implementation. Good experience in Creation of Composite/Single/Derived roles using PFCG.
* Experience includes analysis, development, and maintenance of SAP Security in SAP R/3, ECC, BW, SCM, HR, SRM, and Solution Manager. User Administration - Includes user creation, deletion, changing user access for different systems and environments, Mass user administration. Used Compliance Calibrator (Risk Analysis and Remediation) to automate all SOD related activities like defining SOD conflicts, monitoring SOD conflicts, prevention of SOD conflicts and mitigating controls. During audit involved with internal/External audit team.
* Possess 2 years’ experience on SAP BASIS implementations and support, Involved in full cycle implementation on SAP Modules implementation with Oracle RAC databases configuration and also applying seasonal SBP Patches. Having good knowledge on SAP products (ABAP+JAVA Stack), which includes, NW2004s, ECC 6.0, EHP 7, Net weaver 731 and 740. Applied patches like SPAM/SAINT, BASIS, ABAP, Kernel up grade and OSS notes. Experience in EHP upgrades, system copy, SNOTE, SPAM/SAINT tools, SLicense. Good exposure on Project Implementation methodologies System Monitoring and Performance fine-tuning, Operation Modes, System Profiles, Transport Management, Applying Patches, Support Packages, SAP Post Installation activities, Kernel Upgrades.

**Education**

MBA (Master of Business administration) from Osmania University.

**Recognition**

* Received Award of Excellence for Outstanding contribution in the implementation of SCM, SRM, ECC, BW, CRM, BOBJ for **VERIZON**.
* Received Ovation recognition and reward for the contribution towards Verizon IT.

**Trainings**

* Security Training provided by the Newellco team
* Oracle Database
* Oracle RAC Database Administration
* ABAP Programming
* HANA Introduction
* Solution Manager
* Project Management (PMP)

**Professional Experience**

**VERIZON (Irving, TX) August 2015 – Till date**

**Role ANALYST – SAP GRC/SECURTY Implementation and Support**

**Environment SAP ERP 6.0 EHP7, SAP GRC 10**

Verizon Communications is a global leader in delivering broadband and other wireless and wireline communications services to mass market, business, government and wholesale customers. Verizon Wireless operates America's most reliable wireless network, serving 102 million customer connections across the US. Verizon also provides converged communications, information and entertainment services over America's most advanced fiber-optic network, and delivers innovative, seamless business solutions to customers around the world, using its global IP networks that meet customer demand for speed, mobility, security and control. Verizon has a massive network capable of circling the world 18 times over.

Verizon is the premier broadband Internet Company in the United States A leading global communications provider An innovative, high-tech leader A top performer financially and operationally A model of engaged and aligned leadership A responsible corporate citizen

Some of Verizon's path- breaking innovations include the first US-wide 4G wireless network, the world’s first fiber to home network FTTP, FiOS Internet and TV, the largest and most connected global IP network.

**Responsibilities/Deliverables:**

**SAP Security / GRC Consultant**

* Maintained Sap Security in terms of creating users, creating profiles, creating roles, assigning profiles, assigning roles
* SAP R/3 Security for User Master Records Maintenance, maintaining Authorizations Group/Profiles/Roles and assigning roles/profiles to users.
* Assigning Additional roles to the existing users based upon the request
* Ensured role building follows business guidelines, and adheres to the controls requirement set forth by the internal audit/controls teams
* Extensively worked with security related tables such as AGR\_TCODES, AGR\_USERS, AGR\_DEFINE etc.
* Maintained the table USR40 for impermissible passwords.
* Critical authorization objects such as S\_TABU\_DIS, S\_PROGRAM, S\_DEVELOP were restricted and monitored.
* Changing existing roles, removing and adding Transaction Codes and Authorization to resolve critical access and SOD conflicts in the system
* Troubleshoot security/authorization related problems using user information system (SUIM) and Display Authorization Data (SU53).
* Execute security reports for critical transactions and objects and monitor the user logs.
* Comprehensive use of PFCG, SU01, SU10 and all SAP security related tables.
* Authorization groups and tables trace from applications technical data and SE16
* Maintenance of ARA and EAM configuration parameters through SPRO
* creating and maintaining FF ids and Assignment of FF ids

**Experience in GRC:**

**Emergency Access Management:**

* Analysis on the Firefighter ID’s requirement and designed the Fire fighters accordingly
* Maintained Owners and Controllers in Central Owner Maintenance.
* Assigning Owners to Firefighter IDs
* Assigning Controllers to Firefighter IDs

**Access Risk Analysis:**

* Connector configurations for the clients connected to GRC Access Control
* Create, maintain, and manage Rule Sets/Functions and Risks used to generate Rules.
* Created the mitigation controls to reduce or minimize the SOD/SOX violations.
* Performed the mapping of mitigation controls to the risks of respective users in ARA.
* Scheduling the ARA back ground jobs.
* Monitoring ARA back ground periodically.
* Provided the remediation plan to remediate the risks, after performing the risk analysis based on Single role, Composite role and users.

**Fresenius Medical Care, Waltham, MA March 2014 - July 2015**

**Role SAP Security & GRC Consultant**

**Responsibilities/Deliverables:**

* Configured and Implemented GRC Access Control Suite 10
* Handled of SOX, Audit issues and Segregation of Duties (SoD) issues.
* Under Risk Analysis, performed User & Role analysis to identify existing SoD violations.
* Using ARA produced Analytical Reports on User, User Groups, Roles and Profiles. Analysis reports provide real-time data and Management reports retain an offline history of SoD status with business process leaders.
* Activating applications in client, activating SAP ICF services, maintaining Plug-in settings.
* Created initial users in AC main system, Mass creation of Roles and cleanup of Roles.
* Activating common workflows, created connector, maintained connectors and connection types, maintain connection settings.
* Activating BC sets, configured common AC configurations.
* Performed remediation and mitigation against various risks associated with roles and users. ARA has Simulation features to allow you to assess the impact of potential remediation activities on the reported conflicts prior to making the actual change.
* Experience in creating and assigning FF ID’s and extracting Fire Fighter logs. A firefighter ID is a temporary user ID that grants the user exception-based, yet regulated, access. The firefighter ID is created by a system administrator and assigned to users who need to perform tasks in emergency or extraordinary situations.
* Configured trigger provisioning and scheduled background jobs.
* Setting up role creation methodology, condition group and role approvers using BRM.
* Tracing the functionality after development phase and then designing the Roles/Composites, following SOD analysis and approval process to meet the timely deadlines.
* Identifying the changes required on roles as per the risk found, raise change request and get it approved in CAB process to implement changes in PRD.
* Reduced budget of project by combining the DEV and QAS GRC servers in single systems.
* Assisted audit team for SAP Security Audit and generated Audit Information Systems (AIS) logs
* Analyze and troubleshoot security issues using SU53 , ST01 and SUIM
* Knowledge in creating risk ids & assigning appropriate approvers & monitors for the risk.
* Scheduling the various background jobs to perform the risk analysis based on business unit.
* Generating various audit reports.
* Resolving user requests as prioritized in a timely manner
* Maintained USOBT\_C and USOBX\_C (Customer tables)by using SU24.
* Extensively worked with security related tables such as AGR\_TCODES, AGR\_USERS, AGR\_DEFINE etc.
* Maintained the table USR40 for impermissible passwords.
* Critical authorization objects such as S\_TABU\_DIS, S\_PROGRAM, S\_DEVELOP were restricted and monitored.

**VERIZON (Irving, TX) March 2013 – January 2014**

**Role ANALYST - BASIS and Support**

**Environment SAP ERP 6.0 EHP5, with Oracle 11g RAC database**

**Responsibilities/Deliverables:**

* Applying the latest SBP patches on Oracle RAC and NON RAC databases.
* Resolving the backup issues caused on Oracle Enterprise Manager, like checking the emctl agent, stop/start the agent, resolving the upload errors in OEM.
* Knowledge on BOBJ like moving of reports and monitoring.
* Installed license on Hana Database and done few trouble shoots for improving performance.
* Generated SSL requests and send it to 3rd party (to Entrust) and again add the exchanged certificate.
* Done system copy on ECC, BI, PI, SCM, SRM and Portal.
* SPAM/SAINT Upgrade. SAP Kernel Upgrade. SAP Patches Application.
* SAP Note Application. OSS Messages creation and maintenance for getting solution from SAP
* Performing SAP Transports
* Working on day to day performance issues and optimizing the systems in all the landscapes.
* Done system refresh on ECC, BI, SCM, SRM and Portal.
* Month end reports and daily reports preparation
* Backup Scheduling from SAP level and troubleshooting backup issues
* Opening connection to SAP, Creating the OSS Users ID’S and giving the authorizations in SMP
* Client maintenance including client creation, local client copy, remote client copy and client export/import
* Installing certificate on Web Dispatcher.
* PI and SCM ( Livecache database ) Monitoring.
* Implemented logon /Spool /RFC load balancing.
* Solman Alerts monitoring.
* Performed system refresh.
* Background Process Management, Defining Operation Modes, System Profile Maintenance and Performance Monitoring and fine tuning.
* Monitoring Background Jobs, Updates, Lock entry, Load balancing.
* Configuring and troubleshooting the printers.
* System Monitoring and Trouble Shooting.
* Applying patches for the ABAP engine using SPAM/SAINT and SUM tool.
* Performing Client Copy (Local, Remote and Export / Import).
* Check the Table space errors, Job monitoring Alerts and File system errors.
* Creating Users and lock/unlock/reset the passwords. And also assigning the Roles.
* R/3 performance monitoring and tuning: To check the Dispatcher wait time, roll time, processing time, load and generation time and enqueue time and RFC&CPIC time and database time.
* Open and close the OSS Connection to give access to consultants and SAP.
* Maintaining the instances using operation mode and assigning time intervals.
* SAP Kernel Upgrades, Support Pack Application (ABAP & JAVA)
* PI and SCM (Livecache database) Monitoring.
* Monitored and managed vertex system.
* Implemented logon /Spool /RFC load balancing.

**Huntsman (Woodlands, TX) February 2012 - January 2013**

**Role Security - GRC Consultant**

**Environment SAP ERP 6.0 EHP 5/ GRC 10**

Client Details:

Huntsman is a global manufacturer and marketer of differentiated chemicals. Huntsman operating companies manufacture products for a variety of global industries, including chemicals, plastics, automotive, aviation, textiles, footwear, paints and coatings, construction, technology, agriculture, health care, detergent, personal care, furniture, appliances and packaging.

**Responsibilities/Deliverables:**

* Managing user administration, authorizations and troubleshoot security issues
* Modifying Single roles and derived roles in PFCG as the per the requirement
* Troubleshooting authorization issues using the transaction SU53 and ST01
* Using SUIM reporting tool to find out profiles, users, authorizations and cross-referenced transactions with roles and vice versa
* Trouble shooting and fixing all authorization issues in Production, Quality, Development.
* Transporting security profiles from DEV to QAS
* Extensively involved in security upgrade project
* Executing transaction SU25 and following steps 2A – 2C to identify roles, authorization objects that have been impacted
* Preparing documents which clearly identify roles affected by 2c
* Adding/modifying/deleting authorization objects/values
* Maintaining values of the objects as per the directions of the functional team/ Business owners
* Analyzing & Remediating SoD violations against the various risks
* Performing simulation for proactive analysis of SoD violations
* Mitigating the user id against a particular risk to reduce or minimize the SoD violations.
* Assigning firefighter id to user as per the requirement on Super user Privilege management (SPM)
* Conceptual understanding of creation of appropriate function, risk & rule set.
* Knowledge in creating risk ids & assigning appropriate approvers & monitors for the risk.
* Scheduling the various background jobs to perform the risk analysis based on business unit
* Generating various audit reports.
* Resolving user requests as prioritized in a timely manner

**Reddy Labs (Hyderabad) April 2011 – January 2012**

**Role SAP Security Consultant**

**Environment SAP ERP 6.0 EHP 4**

Client Details:

Dr. Reddy's Laboratories is the creator great access to affordable medicines and reach as many patients as possible worldwide, it has a strong presence in key generics markets across the globe. Dr Reddy's medicines and services are available in North America, Europe and the emerging markets of Asia, Africa and South America.

**Responsibilities/Deliverables:**

* Analyzing & Remediating SoD violations against the various risk in SAP GRC
* Performing simulation for proactive analysis of SoD violations
* Mitigating the user id against a particular risk to reduce or minimize the SoD violations.
* Assigning firefighter id to user as per the requirement on Super user Privilege management (SPM)
* Under Risk Analysis and Remediation, performed User & Role analysis to identify existing SoD violations.
* Performed remediation and mitigation against various risks associated with roles and users. RAR has Simulation features to allow you to assess the impact of potential remediation activities on the reported conflicts prior to making the actual change.
* Creating user ids and assigning roles in R/3, BI systems.
* Business Process Requirements gathering and re-engineering processes from security standpoint.
* User Provisioning and role maintenance requirements gathering from SAP GRC ARM tool perspective.
* Role designing with functional, developers, data and service management team.
* Worked with Compliance team in minimizing SOD conflicts.
* User and role administration and maintenance using SU01 and PFCG transaction code respectively.
* Developed new processes and procedures within application security, redefined roles and did knowledge transfer.
* Role description and inventory document design and documentation.
* Created task based roles (Single), Job-based roles (composite), Master and Derived roles using GRC 10 BRM.
* Maintained USOBT\_C and USOBX\_C (Customer tables)by using SU24.
* Extensively worked with security related tables such as AGR\_TCODES, AGR\_USERS, AGR\_DEFINE etc.
* Maintained the table USR40 for impermissible passwords.
* Critical authorization objects such as S\_TABU\_DIS, S\_PROGRAM, S\_DEVELOP were restricted and monitored.
* 0Trouble shoot security/authorization related problems using SU53, ST01, SUIM

**British Petroleum (Hyderabad) January 2010 - March 2011**

**Role SAP Security Consultant**

Client Details:

British Petroleum extended its business to Alaska for which a roll out has been made to extend the SAP functionality for the business units Established.

**Responsibilities/Deliverables:**

* Creating and maintaining template roles, derived roles, single roles and composite roles using Profile Generator in SAP R/3 systems.
* Complete user administration in SAP R/3, BW, APO and Enterprise Portal systems (creating, modifying, and deleting, locking, unlocking and resetting passwords).
* Analyzing and solving the missing authorizations and day-to-day security issues that are being raised by the users using Remedy ticketing tool.
* Modify /create various authorization profiles related to various system operations for restricting / facilitating users for smooth and secure system operations.
* Prepare and process the authorization changes for the roles & profiles
* Worked on SAP Check Indicator Defaults and Field values, reduced the scope of Authorization checks using transaction SU24 and maintained check indicators for Transaction codes.
* Changing org level values like company code, division, sales order, plant.
* Creating or modifying users, locking & unlocking, providing validity period, attaching & detaching roles, parameter settings.
* Complete Knowledge in BW authorizations (RSECADMIN).
* User creations, Assigning Missing authorization to the users.
* Managing all SAP Security related Change Requests for entire SAP production server throughout the widely spread landscape and documented all Security deliverables.
* Posses knowledge on Mass Role Maintenance, Mass User maintenance, Job Administration and Transport Management.
* Raising user requests in the URWF (User Request Work Flow) tool and working on it.
* Preparing the SUIM reports to find out the security violations in the production systems.
* Assigning ORG Unit Values to the SRM users.
* User and role assignment report for all landscapes.
* SM20 log generation and change documents evidences.
* Level 2 repair for R/3/BW/HR users.
* 90/180 day inactivity Users check.

**Mylan Labs (Hyderabad) February 2008 - December 2009**

**Role SAP Security Consultant**

Mylan is the third largest generic pharmaceutical company in the world. We hold top-five positions in 13 different established markets worldwide and are building a strong presence in many emerging generics markets. Today, we market more than 570 products to consumers in more than 90 countries across the globe. Our products cover a vast array of therapeutic categories, and we offer an extensive range of dosage forms and delivery systems including oral solids, controlled-release, sterile, injectables, topicals, liquids, transdermals, semi-solids and high-potency products. We also have the deepest pipeline and largest number of products pending regulatory approval in company history.

**Responsibilities/Deliverables:**

* Created Connectors and Connector types for back end systems
* Maintained Connectors with Integrated Scenario and Synchronization jobs scheduled for Repository Object Sync, Authorization Sync, Users and Transactions
* Mass roles uploaded in to GRC system with corresponding backend system connectors
* Performed powerful user ID’s locked/unlocked and security-access check of users.
* Worked on critical authorization objects and sensitive roles and users to user Groups
* Created users in Enterprise portal, assigning groups to users and perform locking & unlocking users
* Functioning with User external auditors to provide them evidences, reports, etc. to ensure the incident free audit
* Changing org level values like company code, division, sales order, plant.
* Creating and assigning analysis authorizations to compensate for deactivated objects
* Setup security at the Info objects level (field-level security)
* Create custom reporting authorization objects and restricting access to Info cubes, ODS objects, specific queries and workbooks
* Hands on experience in Project Management tools such as Remedy Incident Management console for testing and tracking defects and incidents.
* Managing all SAP Security related Change Requests for entire SAP production server throughout the widely spread landscape and documented all Security deliverables.
* Posses knowledge on Mass Role Maintenance, Mass User maintenance, Job Administration and Transport Management.
* Worked on SU24 to maintain Check Indicators for the Transaction Codes
* Assisted audit team for SAP Security Audit and generated Audit Information Systems (AIS) logs
* Analyze and troubleshoot security issues using SU53 , ST01 and SUIM
* Managed and maintained customized configuration tables : USOBT\_C and USOBX\_C tables by using SU24 /SU25