DINESH MARUPUDI VEERA
SAP Security Consultant

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OBJECTIVE:

5+ years of experience in SAP Security and GRC Access Control with strong understanding of security practices. Experienced in working for Production Support projects on ECC, GRC, BI, FIORI, IDM, and HANA Security. Experience in requirement gathering, design, development, and maintenance of SAP and non-SAP applications from security standpoint.

KEY SKILLS:

`SAP Fiori Security` `SAP Hana 2.0 Security` `GRC Access Control 10.x, 12.0` `SAP Analytics Cloud Security` `Sap Identity Management`

`SAP NetWeaver Portal Security` `ECC Security` `BI Security` `SAP Security Audits`

EXPERIENCE (5+ YEARS)

- **Senior Associate Consultant** at Infosys Ltd
  04/20/2020 – 12/01/2021
  Client Industry: Oil & gas

- **SAP Security Analyst at Accenture Solutions Pvt. Ltd**
  10/03/2016 – 01/04/2020
  Client Industry: Pharmaceutical

KEY CONTRIBUTIONS:

Fiori Security:

- Worked on HUB model-based Fiori implementation project
- Worked on collecting the OData service details for Apps from Fiori Library
- Worked on **creation of FES roles and adding Catalogs, Groups**, and front-end OData services (S_SERVICE)
- Worked on setting up BES roles with necessary business data authorizations and OData services.
- Have good experience in troubleshooting OData and other authorization issue through STAUTHTRACE (and /iwfnd/error_log if required)
- Have good knowledge in checking the FES OData service registration through /iwfnd/maint_service, SICF services activation

SAP HANA Security:

- Have good understanding of User Account Types and creation, modification of user accounts through SAP HANA Studio/Web-Based Workbench.
- Aware of **creating, managing, and deleting user accounts** with CREATE, ALTER, and DROP SQL Statements.
- Good understanding on **creation of roles**, granting and revoking privileges for roles, assignment of roles to users in SAP HANA Studio/Web-Based Workbench or by SQL statements.
- Worked on creation of **Analytic view, Attribute view and Calculation view**.
- Good understanding of different types of **HANA Privileges and Catalog objects**.

GRC Access Control:

- Expert knowledge in SAP GRC Access Control.
- Worked on **creation of Functions** and adding Actions to it and maintaining Permissions.
- Worked on **creation of Risks** and maintaining Risk Type and Risk Level. Addition of Functions to risks and assigning Ruleset to risks, mostly GLOBAL ruleset.
- Have experience in **creating Mitigation Control IDs** and assignment of Risks, approver and Monitor to Control IDs.
- Performed **User Level Analysis, Role Level Analysis,** and simulations to identify existing SOD violations and Risk, remediation and/or mitigation against risks associated with roles and users.
- Good knowledge about types of risk such as **SOD, Critical Action, Critical Permission**.
- Worked on the synchronization of data from backend to GRC repository through T-code **GRAC_REP_OBJ_SYNC**.
- Experience in **creation of FF IDs** and extracting Firefighter logs in EAM.
- Good experience in setting up of Owners to FF ID, Controllers to FF ID and assignment of FF IDs to Firefighter.
- Worked on **creation and generation of roles through BRM**, maintaining functional area, approvers, and routing for approval.
- Worked on raising ARM Requests for users, Firefighter access, extension of Firefighter access.
- Good understanding about post-installation steps such as:

- o Activating applications in clients, activating ICF services through T-code SICF, Activation of BC Sets through T-code **SCPR20**.
- o Creating connectors, maintaining connectors and connection types, assigning connectors to connector group through **SPRO**.
- o Setting up of *Integration Scenarios for EAM, ARM, ARM and BRM* from GRC to backend system through SPRO.
- o **Parameter Configuration** and maintenance for GRC AC 12.0

ECC Security Administration:
1. **User Administration**:
- Creation and managing different types of users and Creation of Mass Users
- Assignment of roles for existing users based on request, passwords reset and lock/unlock the users, extending the validity period for users.
- Worked on user group creation and maintenance
2. **Role Administration**:
- Vast experience in creating and maintaining single roles (including master and derived role), composite roles using **PFCG**
- Worked on PFUD t-code for user master comparison and have good knowledge about **PFCG_TIME_DEPENDENCY** job.
- Worked on **transporting** Single roles and Composite roles.
3. **Experience in Debugging Security Issues**
- Troubleshooting of authorization issue through T-codes **SU53, ST01, STAUTHTRACE** and expertise in resolving authorization issues by analyzing authorization checks
- Using security related tables in table dictionary: (*AGR*, USR*, USH*, TDDAT, TSTC, TSTCA*) for daily activities.
- Good experience in using **SUIM** t-code to figure out required authorizations for user ids in different business scenarios.
4. **Understanding of SAP Authorization Concepts:**
- Worked extensively in T-code **SU24** and have good understanding about Check Indicator and Proposal fields. Used SU24 related tables like *USOBT, USOBX, USOBT_C and USOBX_C*.
- Good understanding on security authorization objects like USOBT_C, USOBX_C, *S_USER_GRP, S_USER_AGR, S_USER_VAL, S_USER_AUT, S_USER_PRO, S_USER_TCD* and restricting them in role based on landscapes.
- Worked on providing debugging access through *S_DEVELOP*.
- Managing *OSS connections* and creation of *S- User ID*s and authorizations.
5. **Knowledge on Audit Reports**:
- When in need, helped on audit logs using **SM18, SM19 and SM20**.
- Worked on locking/unlocking of T-codes through **SM01**.

BI Security:
- Restricting report access to users at InfoArea, InfoProvider levels through authorization objects **S_RS_COMP** and **S_RS_COMP1** in roles.
- Creation of BI Roles in PFCG and adding folders and reports in Menu Tab and make the structure appear in Portal.
- **Tracing the user's report access** to figure out required authorizations through T-code STAUTHTRACE, ST01.
- Worked on executing queries on behalf of affected users and analyzing the log through T-code **RSECADMIN**.
- Worked on creation, modification, and transportation of **Analysis Authorizations** through RSECADMIN and providing them to users through authorization object **S_RS_AUTH** in roles.
- Expertise in maintaining InfoObject values in Analysis Authorizations along with hierarchy authorizations.
- Worked on T-code **RSA1** to find out the InfoArea of an InfoProvider and have good understanding about InfoObjects, InfoProviders
- Familiar with **BI Security tables** like RSECVAL_STRING, RSDCUBE, RSECTXT, RSDIOBJT.

CERTIFICATIONS:
- SAP Certified Application Associate – SAP Access Control 12.0
- Certificate of attendance for training on SAP Identity Management 8.0 SP3

EDUCATION:
- **Master of Science in Computer and Information Science**
  Southern Arkansas University • Magnolia, Arkansas

- **Bachelor of Technology in Electronics and Instrumentation Engineering**
  Sree Vidyanikethan Engineering College • Tirupati, India

OPEN-SOURCE CONTRIBUTIONS:
- Contributed to Mozilla foundation in various projects like Firefox Extensions, OS apps, QA, SUMO, Evangelism from 2015-19