**Swathi Kagitha**

**SAP Security and GRC Consultant**

**SUMMARY:**

* Having **10**+ years of experience in SAP Security and GRC Access Control (Certified) Administration, Quality Assurance, and IT Risk Compliance management.
* Extensive hands-on experience in SAP security, role-based access RBAC, authentication and authorizations.
* User administration involves creation/deletion/locking/modifying users in SAP ECC, S4 HANA, BI/BW, BCS, Success Factor, Ariba systems quick turnaround for end user requests.
* User access creation, team creation and assignment to users In SAP analytics cloud (SAC) system.
* Good experience in General authorizations, Structural authorizations, Analysis authorizations, Authorization Management, User & Role Administration, CUA administration, Transport management, SAP Security marketplace administration, Single sign on.
* Strong experience in designing authorization roles for SAP ECC, S4 HANA, BW/BI, SAP HR, FI, MM, PP, WM, SD, CRM and enterprise portal systems.
* As a team lead tracking the incidents are resolved within SLA (Service now tool) and examine potential areas for service improvements.
* Worked on SAP S4 HANA security implementation and support projects, user administration, role maintenance and troubleshooting authorization issues.
* Done GRC configuration steps for ARA, ARM, BRM, EAM and worked on support activities.
* Remediation/Mitigation of SOD violations at roles and user level.
* Extensively worked in SAP Security and Authorizations with strong understanding of security practices on various SAP modules such as R/3, BI, GRC, HANA & Fiori
* Gathering requirements and documenting S/4 HANA Security Strategy and framework. Designing and building roles for S/4 HANA and Fiori Gateway Systems.
* Involved in Full Life cycle implementation of GRC 12.0 Access Control.
* Oversee SAP security and GRC projects, Support SAP security audit/compliance requirements and requests.
* Excellent understanding of Sarbanes-Oxley Act (SOX), Policies and procedures.
* User creation in HANA BD via HANA studio and HANA cockpit including standard users, restricted users and technical database users and created roles.
* Worked on BW S4 HANA security. Built roles for admin team, power and end users.
* Experience in project documentation & templates (Business Blueprint, Process definition, Role Definition, Business Requirement and SOD Matrix etc.)
* Led the end-to-end implementation of SAP S4 security, including the requirement gathering, design, configuration, testing, and deployment of role-based access control. Role designing and documentation.
* Compliance Management (SOD review, Risk analysis remediation, Mitigation and Managing activities) and User access reviews
* Performed internal audits related to SOX, ITGC frameworks.
* Worked on SNOW optimizer for SAP software for dynamic analysis and optimization of the SAP licenses across all systems and for Auditing.
* Done monthly, quarterly and yearly auditing. Provided feedback(evidence)for the request from the external auditor. Experience with KPMG team.
* Performing ITGC KPI’s which involves User Access Review and Risk Review, risk identification, mitigation/remediation, Firefighter Log etc.
* Knowledge on information security standards such as CMMC, ISO 27002, HIPAA, PCI and more.

**TECHNICAL SKILLS:**

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| **GRC (Access Control)** | * Implementation of all sub components of GRC AC (ARA, ARM, BRM, EAM) * Performing pre and post installation checks, connector configuration between GRC and Plugin systems * SOX Control and Compliance checks |
| **SAP S/4 HANA Security & HANA DB Security:** | User administration, Role administration, Authentication and Authorization |
| **ECC Security**: | Dealing with various modules access issues and providing wide range of Solutions |
| **BW Security**: | Handling BI/BW Analysis Authorization using RSECADMIN |
| **IDM (Identity Management)**: | Dealing with Access Management, configuration and portals integrated with it. |

**PROFESSIONAL EXPERIENCE:**

**Client: Cisco, San Jose, CA Oct 2022 - Present Role: SAP S/4 HANA Security and GRC Consultant**

**Responsibilities:**

* I Have gathered requirements for Security and documenting S/4 HANA Security Strategy and framework.
* Analyzed, designed, developed, customized and implementation of ERP applications such as SAP S/4 HANA 2022.
* Prepared the documentation on Security role design and given the training to the end users and functional consultants on SAP roles concepts.
* Designing and building roles for S/4 HANA (Transactional) and Fiori
* Implementation and configuration of GRC 12.0 with services for apps included in the ruleset.
* Designed roles for Fiori apps by adding Catalogs and Groups to S/4 HANA roles.
* Have configured Space, Pages and Sections in Fiori launchpad
* Activated services for the Fiori apps in /IWFND/MAINT SERVICE.
* Documented and implemented cut-over tasks for the S/4 HANA go-live. Troubleshooting and identifying the missing OData Services and authorization issues in /IWFND/ERROR LOG and notifying the Basis and Fiori configuration team to activate them.
* Optimized the User Experience by reducing or removing unwanted groups and tiles within the groups to improve performance.
* Worked with Fiori Config team to identify the areas where the inactive apps are generating frontend or backend authorization issues and customizing the catalogs to remove inactive apps.
* Worked with business users to identify the issues with Fiori apps and resolving the auth issues.
* Optimizing the performance by removing the unwanted apps that are not enabled from the catalogs and reducing the number of tiles on the home page which reduces the load time there by improving the user experience.
* Provided support and issue resolution in quick turn-around during project implementation.
* Configured MSMP workflows for addressing various user request types in Access Request Management.
* Successfully integrated LDAP active directory with SAP GRC Access control system.
* Configured the MSMP Firefighter log report workflow for getting the logs to firefighter controllers.
* Successfully implemented various MSMP Mitigation control workflows like mitigation control setup and assignment.
* Ensured that deliveries are made within strict deadlines so that shipments arrive at their destinations on time.

**Environment:** S/4 HANA 2022, SAP Fiori 2022, Linux Server, SAP HANADB Database, GRC AC 12.0

**Client: Conduent, Austin, TX Aug 2021 – Sep 2022**

**Role: SAP S/4 HANA Security and GRC Consultant**

**Responsibilities:**

* Gathered requirements and documenting S/4 HANA Security Strategy and framework.
* Designed and builded roles for S/4 HANA (Transactional) and Fiori
* Implemented and configured of GRC 12.0 with services for apps included in the ruleset.
* Designed roles for Fiori apps by adding Catalogs and Groups to S/4 HANA roles.
* Configured Space, Pages and Sections in Fiori launchpad
* Activated services for the Fiori apps in /IWFND/MAINT SERVICE.
* Documenting and implementing cut-over tasks for the S/4 HANA go-live. Troubleshooting and identifying the missing OData Services and authorization issues in /IWFND/ERROR LOG and notifying the Basis and Fiori configuration team to activate them.
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* Configured the MSMP Firefighter log report workflow for getting the logs to firefighter controllers.
* Successfully implemented various MSMP Mitigation control workflows like mitigation control setup and assignment.
* Ensured that deliveries are made within strict deadlines so that shipments arrive at their destinations on time.

**Environment:** S/4 HANA 2020, SAP Fiori 2020, Linux Server, SAP HANADB Database, GRC AC 12.0

**Client: UPS, Colombus, OH May 2019 – Jul 2021**

**Role: SAP S/4 HANA Security and GRC Consultant**

**Responsibilities:**

* Responsible for GRC Access Control Implementation for all sub components ARA, ARA, BRM, EAM.
* Lead discussions and workshops with the Business Leads and multiple stakeholders in gathering security requirements, defining the roles, identifying gaps in the security GRC design.
* Served as subject matter expert for Governance and Compliance frameworks and business process regulations / compliance within SAP Security GRC.
* Provided expert knowledge of SAP S4 HANA Security design for operational and technical support
* Worked with Business partners to ensure agreement in the design and implementation of GRC AC controls.
* Designed and maintain SAP Security authorization objects and security across SAP Applications ECC/S4H, FIORI etc to ensure integrity of the SAP User access security framework.
* Expertise in SAP Security concepts including Fiori Launchpad Designer and understanding of catalogs, groups, web Dynpro, UI5 apps, PFCG role maintenance, OData services, and use of the Fiori Apps Library.
* Experienced in supporting end to end SAP Security project implementation, security and GRC workshops, testing support, Cutover prep and Hyper care activities.
* Helped to build and enhance security roles with a good understanding of SAP applications, security implementation methodologies, role-based access controls and different applications threats.
* Provided consulting and guidance on internal and external audit and compliance activities with good understanding of concepts of Segregation of Duties (SoD).
* Worked on security support requests raised by multiple project implementation customers ranging from new security developments, changes, enhancements, troubleshooting, and support.
* Worked with customer and company resources develop security standards and to ensure the success of the security work required by multiple SAP implementation projects and support service customers.
* Provided expertise in the areas of User ID maintenance, Security Role maintenance including the latest techniques for Fiori catalog and group maintenance, and Security Role assignment.
* Worked closely with all necessary parties involved to ensure the success of the security practice including overseeing the quality of deliverables mentoring junior team members.
* Executed client engagements focusing on SAP GRC, SAP security, and audits of SAP environments, working with cross-functional IT teams, business functions.

**Environment:** ECC 6.0, Windows 2003 server, Oracle 10g, GRC AC 10.1, BI 7.0

**Client: ZOLL Medical, Chelmsford, MA Jan 2017 – Apr 2019**

**Role: SAP Security and GRC Consultant**

**Responsibilities:**

* Excellent knowledge of SOX, Audit issues and Segregation of Duties (SoD) issues.
* Producing SoD Analytical Reports (both Summary and Detail) against Users, User Groups, Roles and Profiles using RAR.
* Mitigation and remediation of users and roles for SOX using User/Role Analysis in RAR.
* Configured distribution list in ARM, by creating an LDAP connector, created distribution group and add DL group to DL Approvers.
* Created SAP HR Connector, HR Triggers, Field Mapping.
* Configured HR trigger provisioning and scheduled background jobs.
* Configured User Data source and defined authentication system for requestors using ARM.
* Strong capability in using ARM to use the work flow functionality to ensure a comprehensive and compliant change management process for risk control and maintenance.
* Experience in using ARM to configure workflow for User Access Review and User SoD Review.
* Created Single, Derived and Composite Roles in R/3.
* Tracing the functionality after development phase and then designing the Roles/Composites, following SOD analysis and approval process to meet the timely deadlines.
* Performed user maintenance tasks, User creation, deletion, lock down, activation, password management tasks and ran various user administration reports.
* Troubleshoot security/authorization related problems using SU53, ST01 and SUIM.

**Environment:** SAP R/3, ECC 6.0, HCM, SRM, CRM, EP, APO, GRC 10.0, BI 7.3

**Client: James Hardie Industries, Cleburne, TX Aug 2015 – Dec 2016**

**Role: SAP Security & GRC Consultant**

**Responsibilities:**

* Fully configured SAP’s Access Control 10 – Access Risk Analysis (ARA), Access Request Management (ARM), Emergency Access Management (EAM) and Business Role Management (BRM) modules.
* GRC implementation and automation experience with GRC ARA, ARM, EAM, BRM and SAP CUA (Central User Administration) integration with SAP GRC.
* Excellent knowledge of SOX, Audit issues and Segregation of Duties (SoD) issues.
* Under Risk Analysis and Remediation, performed User & Role analysis to identify existing SoD violations.
* Using ARA produced Analytical Reports on User, User Groups, Roles and Profiles.
* Performed remediation and mitigation against various risks associated with roles and users.
* Experience in creating and assigning FF ID’s and extracting Fire Fighter logs.
* Configured distribution list in ARM, by creating an LDAP connector, created distribution group.
* Created distribution list users in LDAP and UME, assigned distribution list to Roles.
* Created SAP HR Connector, HR Triggers, Field Mapping.
* Build and Customize rule sets to match the business needs and processes.
* Configured HR trigger provisioning and scheduled background jobs.
* Configured User Data source and defined authentication system for requestors using ARM.
* Strong capability in using ARM to use the work flow functionality to ensure a comprehensive and compliant change management process for risk control and maintenance.
* Experience in using ARM to configure workflow for User Access Review and User SoD Review.
* Created Single, Derived and Composite Roles in R/3.
* Troubleshoot security/authorization related problems using SU53, ST01 and SUIM.

**Environment**: SAP R/3, ECC 6.0, SRM, CRM, EP, HCM, GRC 10.0, BI 7.0

**Client: Cyient Limited, India Jul 2014 – June 2015**

**Role: Sr. SAP GRC / Security Consultant**

**Responsibilities:**

* Requirement gathering, analyzing Functional Requirements, and documenting functional requirement specifications.
* Prepared templates based on the business design documents provided for each track.
* Involved in security workshops by presenting the BDD templates and analyzed them on how new roles can be designed.
* Involved in preparing process flow documents by suing Business Design docs.
* Designed roles, authorization profiles on various landscapes.
* Creation of new control IDs to include the newly developed custom Risks associated to the custom Functions
* Worked with Functional specialists to help them understand what SAP authorization objects are causing the conflicts and what are all the options for mitigating the conflicts.
* User administration with integrated Risk Analysis and Mitigation Capabilities to keep the system clean