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SAP SECURITY & GRC LEAD/ARCHITECT
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SAP GRC10.0 ASSOCIATE CERTIFIED
SAP NW SECURITY PROF CERTIFIED



CEH CERTIFIED COMPTIA SECURITY PLUS

Summary:

- **15+ Years** of robust experience specializing in **SAP Security administration** and proficient across all **SAP GRC Access control Processes**.
- Contributed to diverse SAP Projects encompassing **Greenfield S/4 HANA, BW/4 HANA implementations, Security designing, re-designing, GRC Implementation, GRC Upgrade, System upgrades, version upgrades, SAP Rollouts, Migrations, SOD Remediations** and all **Run maintain Projects**.
- Extensive experience in the comprehensive spectrum of Security Administration for **SAP ECC 6.0 Ehp8.0, Netweaver, S/4 HANA (1909, 1709), BW/4 HANA, SAP Fiori, GRC v (12.x, 10.x, 5.x, 4.0), SAP BPC (Embedded / Standard), SAC, CHARM and Non-SAP Systems like Concur, Cadency and Ariba Systems**.
- Expertise in functionally implementing and technically configuring **SAP GRC Access Controls v 10** such as the **Access Request Management (ARM), Access Risk Analysis (ARA), Emergency Access management (EAM) and Business Role Governance (BRM)**
- Experience in perfectly leading offsite and virtual global team as a value-add to clients and has successfully led teams in mapping business needs to **SAP GRC, SAP Security, risk management and controls**.
- Experience in **Project Planning, scoping, execution and deliverables for a full life cycle implementation, migration** etc.,
- Demonstrated a strong understanding of regulatory frameworks and industry standards, ensuring SAP security measures align with external audit requirements.
- Experience with **SAP IAG and BTP Admin and Security**.
- Knowledge on configuring **GRC Process Control**.
- Creating **Regulations, Risks, Controls / Control objectives in GRC PC** and perform all attributes in an **organization**.
- Creating **questions and survey libraries and kickoff assessments via planners in GRC Process Controls**.
- Creating **data sources and business rules for monitoring various controls** table changes, display changes to customers etc., and setting up its corresponding workflow in SPRO.
- Extensive experience working with a diverse range of business and clients across industries such as **Entertainment, Pharmaceuticals, Semiconductors, FMCG, Banking and Air travel/Airports**.

Professional Experience:

Client: Par Pacific
Industry: Oil and Gas
Project: External Audit Support

May 2024 – Till Date

Description: Par Pacific is into Refining, Logistics and in Retail business based out of Houston, Texas. Par has legacy SAP Systems, and a carve out billing systems from Exxon Mobile to support about 700 employees across Wyoming, Montana, Huawei and corporate office.

- Handling comprehensive audit requirements for client for the quarter and to support further.
- Bridging the gap between external and internal auditors and security to work thru and assist to generate audit documents accordingly.
- Managing high level access privileges across SAP Systems to generate audit control reports appropriately
- Deloitte connect tool to address queries

Client: Sony Pictures Entertainment, Culver City, CA

Feb 2019 – May 2024

Industry: Entertainment

Project: Greenfield Implementation`s, Rollouts, Upgrades & AMS

Role: SAP Security Onsite Lead

Description: SPE is Entertainment company that produces, acquires, and distributes filmed entertainment (theatrical motion pictures, television programs and recorder videos thru multiple platforms. SPE is a subsidiary of Sony Entertainment Inc which itself is a subsidiary of Japanese Multination technology. All the business transactions at SPE Uses SAP, one of the major applications.

Responsibilities

SAP BTP Security & IAG

- Working closely with technical and functional teams at initial phase of the project, gathering initial requirements as part of implementation (Creating subaccounts, creating cloud connectors for on premises systems, registering applications / services, creating trust connection between BTP and IAS etc.,
- Creating a trust configuration between BTP and IAS using automatic setup and adding other applications using manual setup (via SAML .0 Authentication).
- Created Platform and Business users in BTP within applications created. SPE has enabled 2 applications named 1) SAP Sustainability Footprint 2) SAP Sustainability Control Tower.)
- Importing additional roles from 'building roles' into role collection.
- Created groups in Cloud identity services and adding role collection to the groups.
- Created a customized role collection with customer specific naming convention prior to provisioning of access to users in BTP for respective applications.
- Assigning customer specific role collection to users as indicated by project teams.
- Received a comprehensive demonstration of the SAP IAG tool, acquiring a thorough understanding of its various features in IAG about Access Analysis, Privileged Access Management, Role design, Access certification and Access request.
- Understanding of refinement of assignments to optimize user access for security and compliance in SAP IAG within Access Analysis services.

SAP BW/4 HANA & S/4 HANA

- Engaged in pivotal roles during **Greenfield implementation** for S/4HANA, BW/4 HANA and GRC12.0 Projects.
- Engaged in collaboration design and discussions for S/4HANA and BW/4 with particular focus on ECC to S/4HANA Migration Project, leveraging expertise to contribute to a seamless transition.
- Apply SAP Security best practices proficiently across multiple platforms, including S/4, BW/4, Fiori, Hana DB, and the Transport Management System.
- Collaborate closely with internal controls and business stakeholders, ensuring the meticulous and appropriate security configuration of SAP systems.
- Execute SAP Security design tasks, including role creation and modifications within various SAP Modules of a global template, ensuring alignment with organizational requirements.
- Contribute actively as a key member of cross-functional project teams, driving initiatives in S/4 and BW/4 HANA projects to successful fruition.
- Actively engaged in the meticulous preparation and review of project deliverables and maintaining a keen focus on ensuring compliance standards through thorough segregation of duties, demonstrating expertise in application security.
- Establish and nurture relationships with key users, business personnel, and project teams, fostering collaboration and effective communication.
- Design and provide ongoing support for HANA Database security measures, safeguarding the integrity and confidentiality of critical data.
- Enabling audit policies on SAP HANA DB and configuring and diagnosing traces as needed.

SAP FIORI

- Redesigning all the existing position-based Fiori Catalog and Groups to stand alone in nature (part of implementation and design finalization..)
- Worked with Fiori team to design & build the SAP Fiori catalog & group roles based on SOD compliance regulations
- Troubleshooting Fiori security issues.
- Creating New Fiori security roles with assistance of technical teams and functional teams.

SAP GRC 12.0

- **SAP Security Lead/Architect** for the fresh SAP S/4 HANA (1909) Security design and SAP GRC AC 12.0 fresh implementation project for various process automations from audit & compliance perspective.
- Managing the overall project plan for SAP security redesign & GRC implementation with required documentation per SDLC
- Integration of **MSMP** workflows & **BRF+ rules**.
- Managed and conducted the functional unit testing (FUT) & user acceptance testing (UAT) on project development build.
- Validating Rule Set, Workflow & Emergency access data from ARM, ARA & ERM perspective for the upgraded system
- Enable Business teams to understand the implications of implementing various controls.
- Responsible for business blueprint requirements and design documents and their signoff.
- Implementation of ERP Maestro as an Interim solution for GRC Processes (Access Analyzer, Access reviewer, Emergency Access Management and Automated Provisioning.
- Extract SAP Security Reports and provide quarterly usability statistics for internal audits.
- Configure and trigger UAR Semi-Annually.

Audit and Compliance

- Support internal audit team for quarterly audits and sign-off's.
- Performs Segregation of Duties analysis and manages the mitigation process, monitor production environments for security violation.
- Performing critical data backup`s and ensuring compliance to security policies, procedures and IT controls in place.
- Working on controls, process narratives and preparing Customer for External Audits.

Rollouts

- Understand design and configurations for Peru and Argentina Invoice systems.
- To build security for E-Invoicing, Taxation and Legal books for Peru and Argentina as per their statutory policies.

AMS Support

- Perform daily monitoring of scheduled jobs related to security and compliance activities and associated system administration tasks.
- Work within change management guidelines ensuring all transports moved into production maintain system integrity.
- Security administration on SAP ARIBA, SAP CONCUR and SAP CADENCY.
- Co-ordinate with IDM and SNOW teams to configure, improve and automate the process (hire, terminate and rehire).

Client Genentech

May 2016 to Feb 2019

Industry: Pharmaceuticals

Project: Implementation, Run Maintain & Audits

Role: SAP Security Onsite Lead

Description: Genentech, Inc., a biotechnology company, discovers, develops, manufactures, and commercializes medicines to treat patients with serious or life-threatening medical conditions in the United States. Genentech Inc is a member of Roche Group.

Responsibilities:

Audits

- Adhering compliance and security policies defined by **Roche (RSSG- Roche SAP Security Guidelines)** and applying it to Genentech SAP Prod Systems.
- Working closely with IT Compliance Management on Audit process narratives.
- Interfaced with the KPMG and Group Audits for ICFR Audits & Group Audits as a security team lead noted the audit observations. Created a remediation plan thereafter with the due dates.
- Handling all user operations with respect to "Leavers and Movers" for Genentech SAP Prod Systems.
- Performed SAP Licensing Audits and taken necessary action when users extended the cap limit.
- Defined Dormant Clean up procedure and applied it across all Prod Systems as part of ICFR Control.

Projects

- Greenfield FIORI Implementation.
- Personas Implementation.
- Worked on Migration Project (BWP - Genentech BW) to (Global BW System - P74).
- Project California for Finance.
- Handled many other mini projects like JBOSS, ROBOT Finance etc.,
- Provided Security support for upgrading Solman System from SMP - TEP. Expert in using " Transport Expresso " tool in Genentech perform all changes in sap systems.

Maintenance And Enhancements

- Support security for function modules like Finance, Quality, OTC, PP, MM, PM etc.,
- Support GRC 5.3 for user Provisioning and Firefighters.
- Handling Quarterly UAR / Role Reaffirm thru GRC and help documenting the process.
- To Perform Audits as defined: Daily, Monthly and Quarterly Monitoring and take necessary corrective actions as and when required.
- Work on various reports relating to Manual changes on the system and Users Account.
- Attend BPIP (Business Process Improvements Calls) driven by change management board, provide security assessments and handle all security changes, testing from functional teams and business teams.
- Mass Maintenance of users, working on SU53 and users trace using ST01.
- Good Understanding of tools used as part of projects like HPSM,HPALM, Track wise & Defect management tool etc.,
- Adhering End to end procedure of a change management process.
- Working on Portal Security.
- Categorizing change as GMP or Non GMP of roles and its maintenance. Maintaining the functional spec's and its respective documentation.
- Support HanaDB Security activities thru scripts.

Client: Texas Instruments Inc

June 2014 – April 2016

Industry: Semiconductors

Project: Implementation / Redesign / Rollouts / Enhancements / Upgrade & Run – Maintain

Role: SAP Senior Security Analyst

Description: TI is an American electronics company that designs and makes semiconductors, which it sells to electronics designers and manufacturers globally

Responsibilities:

- Security team lead & SPOC on a transitional project where a 25 year old Oracle Stream based Finance reporting is migrated into SAP BPC Finance project. **This is a Greenfield BW/BPC Implementation.**

- As part of Transitional project, involved in complete end to end BI - BPC implementation along with providing a design of BPC GRC connectivity with its design of provisioning.
- Involved in design and creation of BPC Security objects: Teams, Assign DAP, TAP, Model and dimensions.
- Implemented GRC Access Control components like ARA,EAM,ARM & BRM.`
- Worked with BP Leads and FA`s on customizing Rule set.
- Performed post installation steps, connector specific settings and configuring ARA,EAM,ARM.
- Create blueprint as flow charts as per the business requirement for configuring ARM.
- Customizing of ruleset and uploading, creating mitigating controls.
- Implementing centralized firefighting and established and FFID owners and FF Controllers, configuring FF Logs review workflows.
- Created MSMP workflow for ARM according to business required and created customized BRF+ rules as per business requirement.
- Customization of notification template & NWBC contents as business requirements.
- Implemented business role concept as the established job functions.
- Established reviews SOD & SA reviews as per required frequency.
- Established mitigation ID reviews and established mitigation to business control sheet.
- Conducting workshops with different units to understand various risks.
- Working on audit find to remediate risks.
- Leading role remediation project for different system and co-ordinating with off shore teams.
- Configuring workflow for UAR reviews and creating SOP`s and WI.

Client: Kraft Foods & Mondelez

June 2012 – May 2014

Industry: FMCG

Project: Implementation/Enhancements & Support

Role: SAP Application Architect

Description: Kraft, the second-largest food maker in the world, is made of what were once three separate and sizable food companies: Kraft, General Foods and Nabisco. This food empire was cobbled together largely through acquisitions by the Philip Morris Companies that today are known as the Altria Group. With about 103,000 employees, Kraft has operations in about 75 countries and territories around the world, and its products are sold in some 150 nations. The company's results for 2008 amounted to revenue of \$42.2 billion and net income of \$2.9 billion.

Responsibilities:

- SAP HR security support for the de-merger of Kraft into Kraft Foods and Mondelez.
- Worked closely with functional user for creating document of understand of SAP HR Security for Kraft foods and Mondelez procedures / processes.
- Worked with indirect assignment in SAP HR.
- Worked with various infotype with respect to assignment of access to users/ managers thru roles.
- Restricted access thru auth objects for PA Data, OM Data and payroll data.
- Created Structural authorization in t-code: OOSP and assigned to the users thru t-code: P013 and in some cases thru t-code: OOSB.
- Handled missing communication infotype for relating sap id to the master record.
- Worked on various reports / tables for SAP HR especially for Access reconciliations.

Client: Deutsche Bank

July 2010 to June 2012

Industry: Banking

Project: Development and support activities

Role: SAP Security Consultant

Description: Deutsche Bank is a leading global investment bank with a strong private client's franchise. Its businesses are mutually reinforcing. A leader in Germany and Europe, the bank is continuously growing in North America, Asia and key emerging markets.

Responsibilities:

- Lead DB`s Transport Management Systems / Process (Emergencies, Weekly and Monthly).
- Worked on SEM BCS and BPS issues and updating data in Process chains.
- Resolved BEX related issues concerned to BI.
- Resolved User authorization issues and creating roles according to the requirements.
- Worked on monthly audits.
- Worked on DB Symphony ticketing tool.
- Provided Emergency access to the users customizing T. Code YYS_USER (Fire fighter).
- Worked on OURF (online user registration form) Tool through which after the approval`s user will get access in backend.
- Worked on different levels of approvals through Superior inbox, implementer inbox, Approver inbox, verifier inbox.

Company: Logica Pvt Ltd, Chennai, India

Nov 2009 to June 2010

Client: NATS and Global Sharing Projects, NL

Industry: Air travel & Airports

Project: Development and support

Role: SAP Security Consultant

Description: is the main air navigation service provider in the United Kingdom. It inherited the traditions of UK air traffic control, which (founded over Croydon Airport) was the world`s first air traffic control regime. It provides en-route air traffic control services to flights within the UK Flight information regions and the Shanwick Oceanic control area and the provides air traffic control services to fourteen UK airports

Responsibilities:

- User Maintenance to include the User creation with the SOD check, locking and unlocking and Password management.
- Extensively using the Profile Generator (PFCG) to create Simple and Composite roles.
- Creating the transport request and transporting the roles to the Quality environment for the test purpose.
- Analyzing SOD conflict, T-code assignment to roles and roles assignments to users using the in-house tools.
- Troubleshooting the authorization issues using the SU53/ST01.
- Worked on XI Security Issues.
- Worked on Portal Security.
- Worked on Analysis Authorization to diagnose the Authorization issues.
- Worked on Menu roles to give access to queries.
- Worked on User administration of EP Security and Creation of Mass users and groups through import.
- Creating Clarify work cases for BP-End-user requirements.
- Handling emergency requests with proper approvals and weekend on call support.
- Making SU24 changes and adding necessary objects to the transaction.
- Creating test ids for new roles and composite roles R/3, SRM, BW systems.
- Worked on Monthly and Yearly Auditing Tasks.
- Checking of Segregation of Duties using tools.
- Focal point for handling authorization issues.
- User administration and system authorization. Evaluating, granting, revoking, maintaining user authorizations.

Education:

- Bachelor of Engineering in Electronics and Communication Engineering JNTU 2006