



A Journey of Implementing Roles

Role Implementation Tool Kit

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E1 W **Editor's Note:** With more and more security breaches reported, organizations must be increasingly diligent about protecting their data. At the same time, user administration in JDE can be time consuming and challenging. This Role Implementation Tool Kit simplifies the process and provides step-by-step instructions to help you set up JDE Roles at your organization.

Introduction

News agencies across the world are reporting security breaches on a regular basis. Avoid being the headline of tomorrow's newspaper. Restricted access to sensitive information is the goal.

Security awareness training is part of every organization. IT Audits are happening more frequently and are more thorough than before. Segregation of Duties (SoD), in combination with access rights, are familiar keywords.

The target audiences for this article are:

- Business/System Administrators who implement and maintain roles,
- IT Auditors and other individuals who audit access controls,
- Project Managers and consultants who implement roles,
- Other individuals interested in best practices for implementing roles, and
- Security management and practitioners responsible for Information Security.

Overview

If role implementation is not on your agenda today, it will be tomorrow. Certain keywords have 'Role Implementation' written all over it. Some of these keywords are: Data Protection, Cyber Security, Information Security, Application Security, and many others. All these keywords are related to protecting data, which leads into procedures outlining step-by-step instructions on how to do it. Those procedures are part of a policy framework with roles associated with it.

Besides those big key words, there are other reasons to start the journey of implementing roles. Some examples might be:

- You want to simplify your onboarding process,
- You have limited human resources,
- You have a high staffing turnover,
- You want to improve the turn-around time of providing access,
- You want to improve customer satisfaction,
- You want to improve the user experience / look and feel,
- You would like to implement the Principle of Least Access, or
- You would like to eliminate audit findings.

All of these are valid reasons. How to move forward is not a secret and you don't have to re-invent the wheel. Simply follow the steps of this Toolkit, and you will have a successful role implementation.

Follow a Real Life Scenario

As you are reading this article, the scenarios outlined below will follow you as well.

Real Life Scenario

The last audit stated that Accounts Payable (AP) is able to change purchase orders. Internal Audit is criticizing that behavior because of Segregation of Duties (SoD). AP should not have access to change purchase orders and noted it as an audit finding. An internal policy also states, that only the Purchasing Department has permission to change purchase orders.

Role Implementation Toolkit

The role implementation toolkit reflects mistakes we made and findings during the implementation of roles in JDE World A9.3 and A9.4. The outcome of our mistakes and findings prompted the creation of the Role Implementation Toolkit. You can use the toolkit as a standalone approach, following it step-by-step, or as part of an overall implementation strategy embedded into a Project Management Plan. It is not meant to be written in stone. It is a living document that can be adjusted as you move along with your implementation.

Before you start with the toolkit, ask yourself the following simple questions and write the answers down. The answers will help you follow the steps of the toolkit.

- What do you want to accomplish?
- How do you want to accomplish it?
- Who are the people?
- Why do you want to implement it?
- When do you want to implement it?
- Where do you want to implement it?

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