



Manage Risk and Simplify Compliance with Roles Based Provisioning from Novell

In today's fast-moving organizations, granting appropriate access to network resources is a challenge. You have to give the right resources to the right people, but what is "right" changes constantly. How can you manage risk when every manual change in user access invites trouble? With Roles Based Provisioning from Novell.

Anyone who has had to provision and deprovision more than just a few users knows that it's like sorting water. Because organizational hierarchy, roles and users change constantly, manual provisioning procedures expose the organization to risk and delays. Every change in user access or permissions creates vulnerabilities because every change involves multiple manual steps that are prone to error. Manual provisioning is also time-consuming, costly and difficult to track.

To complicate matters even further, source systems used as the basis for user provisioning, such as HR systems and directories, often don't contain all the information needed to determine appropriate access rights based on business rules, particularly for functional or project-based responsibilities. As a result, approaches that are exclusively rules-based are too rigid and difficult to maintain for an agile organization; in addition, it can be difficult to satisfy regulatory requirements for review and insight.

To address these provisioning challenges, organizations need a comprehensive solution that unifies automated provisioning with the oversight of approval workflows and the flexibility and administrative leverage of roles.

Rapid Benefits with Roles Based Provisioning

The key to success is in providing an integrated IT policy implementation that reflects business policy based on rules, roles and exception approval processes. This gives provisioning control back to business managers, providing them with a model through which they can define company access policies and administer them centrally—enabling permissions to be automatically assigned to users based on predefined roles.

Roles Based Provisioning from Novell provides that integration.

■ Solutions

Roles Based Provisioning

■ Products:

Novell Identity Manager

Novell Roles Lifecycle Manager

Novell Sentinel™

With Roles Based Provisioning from Novell, you can realize these benefits:

- Increased agility and productivity
- Simplified compliance
- Reduced costs



To address provisioning challenges, organizations need a comprehensive solution that unifies automated provisioning with the oversight of approval workflows and the flexibility and administrative leverage of roles. This gives provisioning control back to business managers and minimizes regulatory risk.

Roles can be assigned to groups and other organizational units, as well as individual users, combining the power of roles-based hierarchy with organizational hierarchy.

With Roles Based Provisioning, you will soon realize these benefits:

- **Increased agility and productivity.** *The Novell solution provides business control over provisioning and deprovisioning, ensuring that people always have access to the resources they need to do their jobs, and nothing more.*
- **Simplified compliance.** *Roles Based Provisioning from Novell combines roles and automated workflows to create the infrastructure required to satisfy compliance regulations and standards. It also makes it easy to prove business visibility, review authorizations and enforce least privilege laws and other industry regulations.*
- **Reduced costs.** *Automated provisioning and deprovisioning reduces the management and administration costs associated with manual user and account management. This frees up IT to concentrate on delivering business value with ever tighter budgets. And the comprehensive reach and reporting of our solution makes it easy to prepare for audits and reduces the time and costs associated with compliance.*

Proven Technologies, Crucial Capabilities

While many solutions offer an automated approach to provisioning, our Roles Based Provisioning solution is unique in the industry. It combines event-driven identity management

with comprehensive roles based provisioning and sophisticated workflow processes to ensure that users have access to the resources they need based on their roles and on business policy. With our solution, you can grant access quickly and consistently and easily collect data to prove compliance—cutting management costs while improving security and productivity. Deprovisioning happens nearly instantaneously, ensuring that you don't have a risk exposure between the employee leaving and the access rights being revoked. Powerful roles and workflow capabilities ensure that you're able to implement processes that match the way you do business. The solution includes Novell® Identity Manager and its Roles Based Provisioning Module, which together deliver the following capabilities:

Powerful, Identity-based Provisioning

Novell Identity Manager uses multiple authoritative identity sources to automate provisioning and deprovisioning. Users can be productive their first day on the job, and access can be revoked instantly when they leave the company.

Our solution features out-of-the-box identity self-service and approval tools to enable fast time to results and easy delegation of responsibility for approvals and role assignments. The tools are accessible from a one-stop interface for requests, task management, roles, separation of duty conflicts and any other business-user activities. Auditing of all delegated administrator activity allows tracking for transparency and compliance.

Comprehensive Roles Management

Roles Based Provisioning reduces the complexity of assigning and managing permissions. Instead of managing individual permissions, you can use the tools to describe broad provisioning policy in terms of rules and roles—and you can generate approvals to manage exceptions. Our solution allows delegation of responsibility to business

managers for provisioning approvals and governing role assignment. This integrated approach improves business agility by explicitly raising conflicts between roles and automating the audit and approval of exceptions to standard policy.

Roles support inheritance allows business users to assign high-level functional roles without dealing with the complexity of the lower-level technical roles that provide access to a particular system. Roles can be assigned to groups and other organizational units, as well as individual users—combining the power of roles-based hierarchy with organizational hierarchy.

Enforced Separation of Duties and Highlighting Conflicts in Entitlements

Our solution automatically enforces separation of duty constraints and highlights any role or permission conflicts. And because line-of-business managers and IT staff can see how user entitlements interact, they can knowledgeably sanction access requests—no more rubber-stamp approvals.

Authorization Workflows

Some role assignment and provisioning requests require approval from a single individual; others require approval from several individuals or from a functional group. Access rights with a high-risk profile may require the approval of a security officer. Our solution gives you full control over role assignment and provisioning requests, including facilities such as serial or parallel approvals, approvals by groups, roles or quorum. Rich delegation capabilities support users acting as proxy for someone who's on vacation or ill, as well as the ability to delegate specific approvals, which require additional authorization. All this is tracked in detail.

Pervasive Auditing and Reporting Capabilities

You need an enterprise-wide security picture so you can manage your security

environment more cost effectively. Novell Roles Based Provisioning can improve compliance reporting and security metrics by replacing manual processes with continuous auditing and reporting of provisioning actions. This makes it much easier to track down breaches in security should they ever occur, and provides solid confirmation that only authorized users have access to sensitive information and systems.

Extensible Solutions Foundation

Customers or partners can tailor the solution interface without the need for coding, or they can embed functionality into their own delivery platforms using the Web 2.0 APIs.

When leveraged with the Novell Access Governance Suite and Novell Compliance Management Platform, Roles Based Provisioning Module is part of a complete identity and access management (IAM) governance solution that features outstanding control and visibility. Together, these products provide continuous enforcement of the roles model, turning business policy into IT controls. Not only do you get new returns on existing investments, but you can also achieve a composite view of user access throughout your enterprise.

Learn More about Roles Based Provisioning Today

Roles Based Provisioning from Novell automates the process of managing user identities and access rights by tightly integrating roles with business rules and approval policy. This integration ensures that users have immediate access to the resources they need to be productive—and nothing more—based on their roles. In addition, it delivers the visibility you need to validate that your policies meet regulatory requirements. To learn more about Roles Based Provisioning, visit www.novell.com/identityandsecurity or contact your Solution Provider Partner today.

Manage Risk and Simplify Compliance with Roles Based Provisioning from Novell

www.novell.com

The key to success is in providing an integrated IT policy implementation that reflects business policy based on rules, roles and exception approval processes.

Roles Based Provisioning from Novell automates the process of managing user identities and access rights. How? By unifying automated provisioning with the oversight of approval workflows and the flexibility and administrative leverage of roles. This integration ensures that users have immediate access to the resources they need to be productive—and nothing more—based on their roles. In addition, it delivers the visibility you need to validate that your policies meet regulatory requirements.

www.novell.com



Contact your local Novell Solutions Provider, or call Novell at:

1 800 714 3400 U.S./Canada
1 801 861 1349 Worldwide
1 801 861 8473 Facsimile

Novell, Inc.
404 Wyman Street
Waltham, MA 02451 USA