

Tivoli software



# Provisioning Enhancements

 e-business software

IBM Software Group

# Objectives

## Upon completion of this unit, you will be able to:

- Describe provisioning policy previews.
- Describe compliance alerts.
- Use null values to control the allowed values for service attributes.
- Use the reason variable in JavaScript.

# Provisioning Policy Preview

- **Changes in a provisioning policy can impact a large number of accounts.**
- **Resource intensive changes need to be planned in advance.**
- **The provisioning policy preview feature allows administrators to identify the accounts affected by a provisioning policy change in advance.**

# Compliance Actions

- **In version 4.5:**

- Correct
- Suspend
- Mark

- **Added in version 4.6:**

- Alert
- Global Setting



# Compliance Alerts

## • Alerts

- Messages that contain information about noncompliant accounts
- Delivered as e-mail and items on the to-do list

## • Alerts generated

- Alert enforcement action on the service
- Noncompliant account
- Not triggered by:
  - Policy previews
  - Granting changes

# Sample Compliance Alert

IBM Tivoli Identity Manager - Mozilla Firefox

File Edit View Go Bookmarks Tools Help

http://linux1/enrole/compliance\_alert\_list?designId=273622709692955597

Getting Started Latest Headlines

**Tivoli Identity Manager**  
Version 4.6

HOME MY ORGANIZATION | PROVISIONING | SEARCH | REPORT | CONFIGURATION | HELP | [Logout](#)

User ID: ITIM Manager

**You Are Here:** [Home](#) > [To Do List](#) > [Compliance Alerts](#)

Correct policy violation(s) ?

		Locked <input type="checkbox"/>	Time Due <input type="checkbox"/>	Account Owner <input type="checkbox"/>	Subject <input type="checkbox"/>	Description
<input type="checkbox"/>			Aug 16, 2005 9:38 AM	Bob	buser	Account [buser] is not compliant with the provisioning policy. The value [365] of attribute [Idle Days] should be [removed].

Read linux1

# Customizing Compliance Alerts

- Configure who receives the alert.
- Configure when it will be escalated and to whom.
- Configure the actual notification message.

**GENERAL**   NOTIFICATION

**Activity Name**  

**Participant**  

**Escalation Period (days)**  

**Escalation Participant**  

**Deferral Limit (days)**  

Source	Route to Participant
Reconciliation	<input checked="" type="checkbox"/>
Policy Change	<input checked="" type="checkbox"/>
Identity Change	<input type="checkbox"/>
Manual Account Operation	<input checked="" type="checkbox"/>

# Allowed Values in Service Attributes

- **Controlling allowed values with null**

- Attribute created with no value
- Null returned from JavaScript

- **Enforcement column**

- Mandatory
- Default
- Optional
- Excluded



# Reason Variable

You Are Here: ITIM and Linux Accounts for all Persons > Linux Service > Entitlement Default Attributes

Add | Delete | Modify Service Attribute Parameter(s) and Enforcement ?

Name	Value	Enforcement	Expression Type
<input type="checkbox"/> Number days before an inactive account is invalid	<pre>{if (reason==0) {return 30;} else {return 60;}}</pre>	Mandatory	JavaScript/Constant
<input type="checkbox"/> Password	tivoli		
<input type="checkbox"/> Primary group	users	Default	JavaScript/Constant
<input type="checkbox"/> Login shell	/bin/bash	<input checked="" type="checkbox"/> Mandatory	
<input type="checkbox"/> GECOS (comments)	<pre>{return subject.getProperty("cn")[0];}</pre>	<input type="checkbox"/> Mandatory	

Submit Add Delete Cancel Standard View

Done

# Summary

## You should now be able to:

- Describe provisioning policy previews.
- Describe compliance alerts.
- Use null values to control the allowed values for service attributes.
- Use the reason variable in JavaScript.

© Copyright IBM Corporation 2000 - 2006. All rights reserved.

U.S. Government Users Restricted Rights - Use, duplication or disclosure restricted by GSA ADP Schedule Contract with IBM Corp.

IBM web site pages may contain other proprietary notices and copyright information which should be observed.

**IBM trademarks**

<http://www.ibm.com/legal/copytrade.shtml#ibm>

**Fair use guidelines for use and reference of IBM trademarks**

<http://www.ibm.com/legal/copytrade.shtml#fairuse>

**General rules for proper reference to IBM product names**

<http://www.ibm.com/legal/copytrade.shtml#general>

**Special attributions**

IBM, the IBM logo and DB2 are trademarks of International Business Machines Corporation in the United States, other countries, or both.

MMX, Pentium, and ProShare are trademarks of Intel Corporation in the United States, other countries, or both.

Microsoft and Windows NT are trademarks of Microsoft Corporation in the United States, other countries, or both.

Java and all Java-based trademarks are trademarks of Sun Microsystems, Inc. in the United States, other countries, or both.

UNIX is a registered trademark of The Open Group in the United States and other countries.

Linux is a registered trademark of Linus Torvalds in the United States, other countries, or both.

Other company, product or service names may be trademarks or service marks of others.