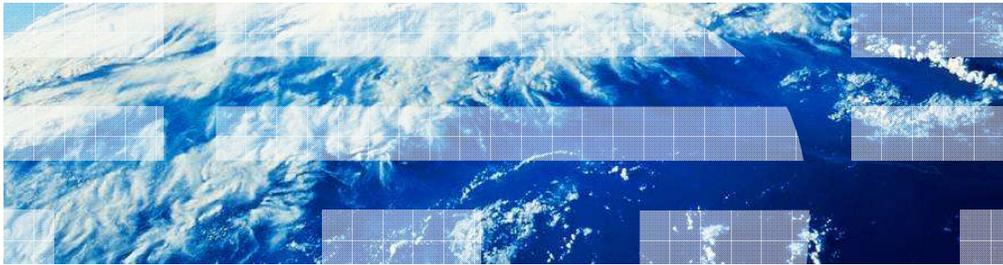IBM

# IBM WebSphere CloudBurst Appliance

## User and group management

This presentation provides an overview of the user and group management security features of the IBM WebSphere® CloudBurst™ Appliance.

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User and group management

This presentation will cover the management of users and groups in order to effectively secure your WebSphere CloudBurst Appliance.

Section

# Overview

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This section of the presentation provides an overview of the users and user groups features of the WebSphere CloudBurst Appliance.

## Overview

- A user account allows an individual to access the IBM WebSphere CloudBurst Appliance

- The users feature of WebSphere CloudBurst allows you to define individual users in order to create new accounts

- The user groups feature of WebSphere CloudBurst allows you to group user accounts into logical sets

- Users and user groups are provided so that you can manage the permissions set for each individual for the IBM WebSphere CloudBurst Appliance

4    User and group management                                                    © 2010 IBM Corporation

A user account is required to access the WebSphere CloudBurst Appliance. The users and user groups feature of WebSphere CloudBurst allows you to create individual user accounts and put them together into logical groups. These features allow you to manage the level of access for each individual as a security mechanism. Also, WebSphere CloudBurst user activity can be tracked for audit purposes.

Section

# *User management*

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This section will cover setting up and managing WebSphere CloudBurst users.

Administrator creates new user account

- Administrator creates a user account and an initial password for a new user
- New user will receive user ID and password by way of e-mail
- New user can then change his password

WebSphere CloudBurst

Welcome, Administrator | Help | About

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**Users**

Search...

Administrator

Describe the user you want to add.

* User name:        A unique login name

* Full name:        The user's actual name

Password:

Verify password:

* Email address:

OK    Cancel

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A user account can be created by an administrator by navigating to the **Users** panel from the **Appliance** menu at the top of the WebSphere CloudBurst Web console. Then click the add icon to begin adding a new user.

Creating the user account is a two step process. You first need to supply basic information such as user name, full name, password, and an e-mail address. The e-mail address is used to send the user his or her initial password and other WebSphere CloudBurst notifications, such as notification of a deployment. The second part of user creation is to assign the user permissions which are discussed in detail in the "**Permissions**" presentation.

Users register their own account

- Enable users to register for their own accounts

There are two ways to create a user account. Either an administrator can create the account, as you have seen in the prior slide, or users can create their own accounts. In order to allow the users to create their own account, you must activate this feature. To activate this feature, navigate to the "**Settings**" panel from the menu bar at the top of the WebSphere CloudBurst Web console. Then expand the "**Security**" section and select "**Enable**" next to "**Allow new users to create their own accounts**".

This will add a "**Register**" button to the initial log in screen. Any user is then able to create an account and will be assigned the default deploy patterns permission. If the user requires additional permissions, an administrator will have to assign those permissions.

## User level operations

**user 1**

| User name: | user1 |
| --- | --- |
| Email address: | user1@users.com |
| Password: | •••••••• [edit] |
| Current status: | Inactive for more than five minutes |
| User groups: | Everyone |
| | Add more... |
| Authored patterns: | (none) |
| Authored cloud groups: | (none) |
| In the cloud now: | (none) |
| Permissions: | ☑ Deploy patterns in the cloud |
| | ☐ Create new patterns |
| | ☐ Create new catalog content |
| | ☐ Cloud administration |
| | ◉ Read-only view |
| | ○ Full permissions |
| | ☐ Appliance administration |
| | ◉ Read-only view |
| | ○ Full permissions |
| | ☐ IBM License Metric Tool (ILMT) |

**Users**

Search...

Administrator
nonadmin
user 1

- The user panel under **Appliance > Users**
  – Displays user status icons and detailed user information
  – Can be used to create, modify and remove users
- User permissions can be specified from this page if the user is not a member of a user group
- If LDAP authentication is enabled, the user's password can not be set from the appliance

To manage users, navigate to the **User** panel by selecting "**Appliance**" then "**Users**" from the menu bar at the top of the WebSphere CloudBurst Web console. From here you can create users. If you then click a username, the user's attributes are displayed like the screen capture shown here on the right. From this panel, you can view the user activity to determine whether the user was active in the last five minutes, inactive for more than five minutes, or not currently logged in. You can also modify and remove users as needed from here.
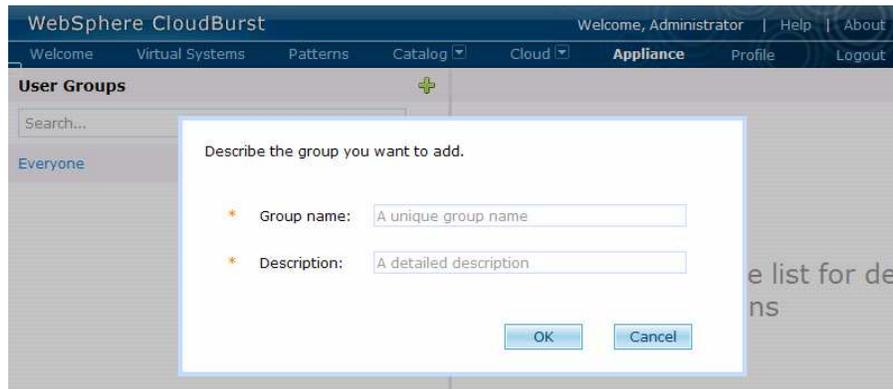
If a user is not a member of a user group, you can modify the permissions for this user to control the level of access that is assigned. If LDAP is enabled, the password field is not displayed during user creation and you will not be able to set or modify the user's password from the "**User**" panel.

Section

# *Group management*

User and group management

This section will cover setting up and managing WebSphere CloudBurst user groups.

## Create groups

- Groups allow you to group users according to some criteria that you define

WebSphere CloudBurst  Welcome, Administrator | Help | About

Welcome  Virtual Systems  Patterns  Catalog ▾  Cloud ▾  **Appliance**  Profile  Logout

**User Groups**

Search...

Everyone

Describe the group you want to add.

\* Group name:  A unique group name

\* Description:  A detailed description

OK  Cancel

10  User and group management  © 2010 IBM Corporation

Groups allow you to group users by some criteria that you define. For example, you can group administrators together or group users by department. A group can be created by an administrator by navigating to the "**User groups**" panel from the **Appliance** menu at the top of the WebSphere CloudBurst Web console. Then click the add icon to begin adding a new group.

Group level operations

- Group-level permissions
  - Set permissions for all group members at once
- Includes user status icons on the group details page
  - Under **Appliance > User Groups > group_name**

After creating or modifying a user account, you can add the user to a user group by navigating to "**Appliance**" then "**User Groups**" from the Web console. To use a user group, you must manually add users to the group in the "**Group members**" section. User status icons for group members are also available on the group page. When you set permissions for a group from the "**Permissions**" section of this panel, you will grant permissions for all members of the group at the same time. Once a user is a member of a group, you will no longer be able to set permissions from the "**Users**" panel. Also, if any permissions were set before adding a user to a group, they will be reset to the group permissions set.

When a user is included in multiple groups, his or her permissions set will reflect the combined permissions for all assigned groups. For example, if user1 is assigned to a group that set "**Cloud administration**" permissions and to another group that set the "**Create new patterns**" permission, then user1 will be a cloud administrator and will be able to create new patterns.

*Summary*

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This section is the summary.

## Summary

- Users and user groups are provided so you can easily manage the level of access for each individual to the IBM WebSphere CloudBurst Appliance

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The users and user groups features allow you to manage which individuals have access to the WebSphere CloudBurst Appliance and to control their permissions set as a security mechanism.

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User and group management

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