

# Configuration

## Zimlet configuration

Main configuration is done through the config file available under

```
/opt/zimbra/lib/ext/IntalioZiMailApproval/approvalMap.json
```

**ResponsibleGroups** - Groups of accounts accepting or declining e-mails.

**IrresponsibleGroups** - Groups of accounts whose e-mails have to be accepted or declined.

**Map** - Defines who can accept whose e-mails.

In the following example `jan@zimbrademo.intalio.pl` can review `robert@zimbrademo.intalio.pl` mails when he doesn't have an influence on `test@zimbrademo.intalio.pl` account's mails.



Mail reviewers have to have also zimlet availbilty set on in the Zimbra Administration Console.

The screenshot shows the Zimbra Administration Console interface. The left sidebar contains a navigation menu with options like 'Accounts', 'General Information', 'Contact Information', 'Member Of', 'Features', 'Preferences', 'Aliases', 'Forwarding', 'Free/Busy Interop', 'Themes', 'Zimlets', 'Advanced', and 'Archiving'. The 'Zimlets' option is selected. The main content area displays the configuration for user 'Jan'. On the right, there are fields for ID, Created, Server, Status, and Last Login. Below this, a table lists various zimlets with their status (available, mandatory, disabled, enabled) and a radio button to toggle between 'available' and 'mandatory'. The 'intalio\_zi\_mail\_approval' row is circled in red, and its 'available' radio button is selected.

Zimlet Name	available	mandatory	disabled	enabled
com_zimbra_url	<input checked="" type="checkbox"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
com_zimbra_voiceprefs	<input checked="" type="checkbox"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
com_zimbra_webex	<input checked="" type="checkbox"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
com_zimbra_ymemoticons	<input checked="" type="checkbox"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
intalio_zi_mail_approval	<input checked="" type="checkbox"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
intalio_zi_pass_recovery	<input checked="" type="checkbox"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
intalio_zi_pass_recovery_9	<input checked="" type="checkbox"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>

## CBPolicyd configuration

ZI-MailApproval requires installed, enabled and configured CBPolicyd service.

### Pre-requisites

Enable the Access Control attribute in Zimbra and restart services.

```
su - zimbra
zmprov ms `zmhostname` zimbraCBPolicydAccessControlEnabled TRUE
zmmactl restart
zmcpolicydctl start
```

### Group

1. In PolicyD Web interface, Go to **Policies -> Groups**.
2. Click on **Action** dropdown -> Add.

- Specify Name for example *GrupaZiIntalioMailApproval*. Click **Submit**.  
*GrupaZiIntalioMailApproval* group should be created successfully.

The screenshot shows the 'PolicyD Web Administration' interface. On the left is a navigation menu with 'Home', 'Policies' (Main, Groups), 'Access Control' (Configure), and 'HELO/EHLO Checks' (Configure, Blacklist, Whitelist). The main content area is titled 'Add Policy Group' and contains a form with a 'Name' field containing 'GrupaZiIntalioMailApproval', a 'Comment' text area, and a 'Prześlij' button. A 'Back to groups' link is at the top left.

- Go to **Policies -> Groups** and select *GrupaZiIntalioMailApproval* and from Action dropdown select **Members**.

The screenshot shows the 'PolicyD Web Administration' interface. The main content area is titled 'Policy Groups' and displays a table of policy groups. An 'Action' dropdown menu is open over the first row, showing options: 'Add', 'Change', 'Delete', and 'Members'. The 'Members' option is highlighted. The table has columns for 'Name' and 'Disabled'.

Name	Disabled
<input checked="" type="radio"/> GrupaZiIntalioMailApproval	no
<input type="radio"/> internal_domains	no
<input type="radio"/> internal_ips	no

- On the page, from Action dropdown select **Add**
- In *Member* textbox, specify one of the users you want to assign to ZI-MailApproval functionality. Here *test@zimbrademo.intalio.pl* was used as an example. Then click **Submit**.

The screenshot shows the 'PolicyD Web Administration' interface. The main content area is titled 'Add Policy Group Member' and contains a form with a 'Member' field containing 'test@zimbrademo.intalio.pl', a 'Comment' text area, and a 'Prześlij' button. At the top, there are 'Back to groups' and 'Back to members' links. The navigation menu on the left is the same as in the previous screenshots.

- At the top of the page, click on **Back to members**. Select the above created member *test@zimbrademo.intalio.pl*. From Action dropdown select **Change**.
- For **Disabled**, select **No** from the dropdown. Click **Submit**.

**PolicyD Web Administration**

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**Update Policy Group Member**

	Old Value	New Value
Member	test@zimbrademo.intalio.pl	<input type="text"/>
Comment		<input type="text"/>
Disabled	no	-- ▾

--  
 P No  
 Yes

- Go to **Policies** -> **Groups** and select *GrupaZiIntalioMailApproval*. From Action dropdown select **Change**.
- For **Disabled**, select **No** from the dropdown. Click **Submit**

**PolicyD Web Administration**

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**Update Policy Group**

	Old Value	New Value
Name	GrupaZiIntalioMailApproval	<input type="text"/>
Disabled	no	-- ▾

Prześlij  
 --  
 No  
 Yes

- The *GrupaZiIntalioMailApproval* group is now enabled.

## Policy

- Go to **Policies** -> **Main**.
- Click on **Action** dropdown -> Add.
- Specify Name for example *ZiIntalioMailApproval*, Priority *10* and Description *ZiIntalioMailApproval*. Click **Submit**. The policy should be created successfully.

## PolicyD Web Administration

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### Add Policy

Name	<input type="text" value="ZiIntalioMailApproval"/>
Priority	<input type="text" value="10"/>
Description	<input style="width: 90%;" type="text" value="ZiIntalioMailApproval"/>
<input type="button" value="Prześlij"/>	

- Home
- Policies**
  - > Main
  - > Groups
- Access Control**
  - > Configure
- HELO/EHLO Checks**
  - > Configure
  - > Blacklist
  - > Whitelist
- SPF Checks**
  - > Configure
- Greylisting**
  - > Configure
  - > Whitelist

4. Go to **Policies -> Main** and select *ZiIntalioMailApproval*. From Action dropdown select **Members**.
5. On the page, from Action dropdown select **Add**.
6. In **Source** textbox, specify *%GrupaZiIntalioMailApproval* and in **Destination** textbox, specify *any*. Click **Submit**.

## PolicyD Web Administration

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### Add Policy Member

Source	<input style="width: 90%;" type="text" value="%GrupaZiIntalioMailApproval"/>
Destination	<input style="width: 90%;" type="text" value="any"/>
Comment	<input style="width: 90%;" type="text"/>
<input type="button" value="Prześlij"/>	

- Home
- Policies**
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  - > Groups
- Access Control**
  - > Configure
- HELO/EHLO Checks**
  - > Configure
  - > Blacklist
  - > Whitelist
- SPF Checks**
  - > Configure
- Greylisting**
  - > Configure

7. At the top of the page, click on **Back to members**. Select the above created member. From Action dropdown select **Change**.
8. For **Disabled**, select **No** from the dropdown. Click **Submit**.
9. Go to **Policies -> Main** and select *ZiIntalioMailApproval*. From Action dropdown select **Change**.
10. For **Disabled**, select **No** from the dropdown. Click **Submit**.
11. The *ZiIntalioMailApproval* policy is now enabled.

## Access Control

1. Go to **Access Control -> Configure**.
2. Click on **Action** dropdown -> Add.
3. In **Name** textbox, specify *ControlZiIntalioMailApproval*.
4. In **Link to policy** dropdown, select policy *ZiIntalioMailApproval*
5. In **Verdict** dropdown, select *Hold*.

The screenshot displays the 'PolicyD Web Administration' interface. On the left is a navigation menu with categories: Home, Policies (Main, Groups), Access Control (Configure), HELO/EHLO Checks (Configure, Blacklist, Whitelist), SPF Checks (Configure), and Greylisting (Configure, Whitelist). The main content area is titled 'Add Access Control' and contains a form with the following fields: 'Name' (text input with value 'ControlZiIntalioMailApproval'), 'Link to policy' (dropdown menu with value 'ZiIntalioMailApproval'), 'Verdict' (dropdown menu with value 'Hold'), 'Data' (text input with value 'Mail hold'), and 'Comment' (text area). A 'Prześlij' (Submit) button is located at the bottom left of the form. A 'Back to access cntrl' link is visible at the top left of the main content area.

6. Click **Submit**. The Access Control list should be created successfully.
7. Go to **Access Control -> Configure** and select *ZiIntalioMailApproval*
8. From Action dropdown select **Change**.
9. For **Disabled**, select **No** from the dropdown. Click **Submit**

Revision #10

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