Using Cockpit to browse via Google Chrome

We are happy to announce that starting version 4.5.1 (Build 24) we officially support Chrome browser. From now on, users can use both of their browsers, IE and Google Chrome to browse the internet and enjoy our outstanding features and capabilities.

The following is a partial list of Chrome Secure Browser features and capabilities:

- Seamless Web Access for Enterprise Users
- Seamless and transparent browsing experience using Google Chrome
- Automatic and seamless switching between internal browsing and remote virtual browsing
- Favorites and Cookies Synchronization
- Ability to securely copy images and text content between the remote and local sites.
- Enhanced printing capacities

Installing Chrome Extensions

The installation process requires to install Client and Server extensions. Follow the instructions below to install the Client extension on client side and the Server extension on Server side.

Extensions deployment across organization

You can automatically deploy extensions across the organization via GPO. Extensions deployment across the organization involves the following steps.

- **Step 1**: Configuring IIS server to host Jetro extension
- **Step 2:** Changing/creating MIME types for .crx and .xml file extensions.
- **Step 3**: Getting Jetro client extension for chrome
- **Step 4**: Creating updates.xml file
- **Step 5**: Deploying Jetro chrome extension using GPO

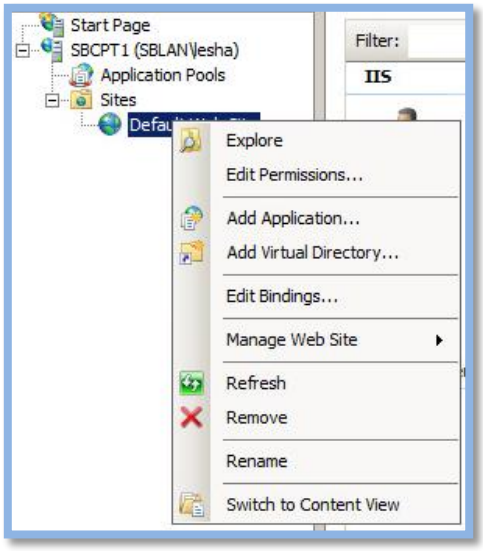
The steps are the same for deploying Server and Client extensions. Below, you will find detailed instructions on how to deploy Client extension. Server side deployment is exactly the same but managed on DMZ network and domain.

Note: *Since the contents of a CRX file is signed with a private key, Jetro Support will prepare for you the chrome extensions based on your environment settings.*

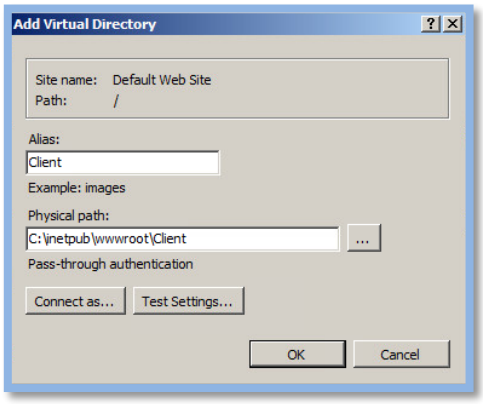
To deploy Client extensions:

Step 1: Configuring IIS server to host Jetro extension:

1. Install **IIS** role on Jetro controller.
2. Create new folder named **"Client**" ("Server" for server side extension) under **"C:\inetpub\wwwroot"**
3. Open IIS manager and chose the **Add virtual directory** option from the menu.

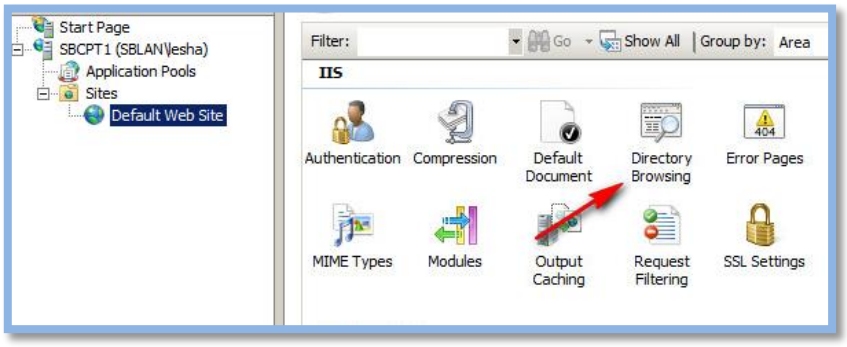


The **Add Virtual Directory** window opens:

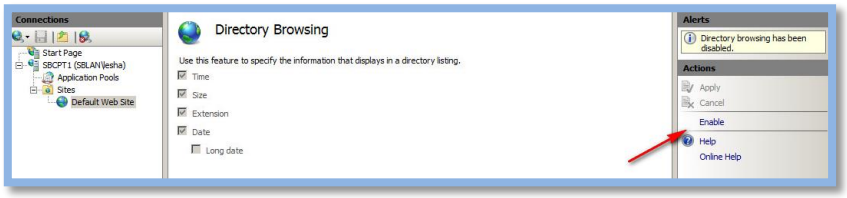


4. Fill in the forms as follows:
    a. In **Alias** line type "Client.
    b. Under **Physical path** enter full path of Client folder - C:\inetpub\wwwroot\Client

5. Click **OK**
6. From the IIS dashboard, **open the** Directory Browsing:



The **Directory Browsing** window opens:

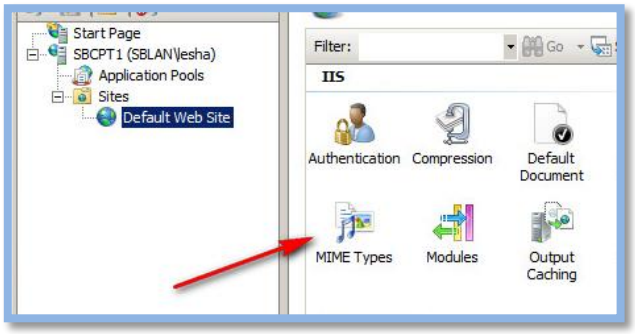


7. In the **Actions** section, enable the directory.
8. Make sure that the client folder directory is accessible by navigating to the following URL from IE http://servername/Client.

- **servername** = server where IIS has been installed.

Step 2: Changing/creating MIME types for .crx and .xml file extensions.

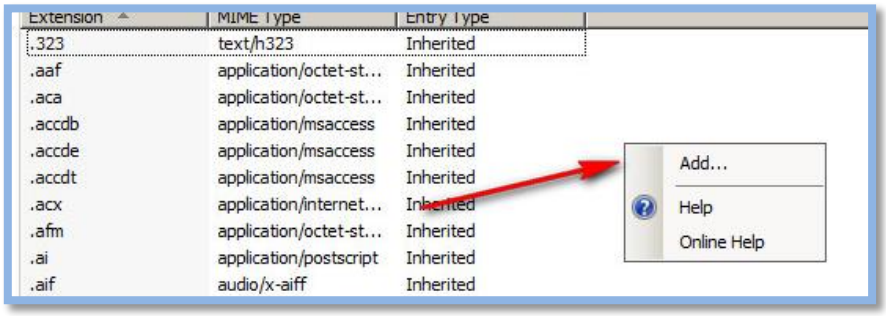
In the IIS dashboard, click the MIME Types icon:



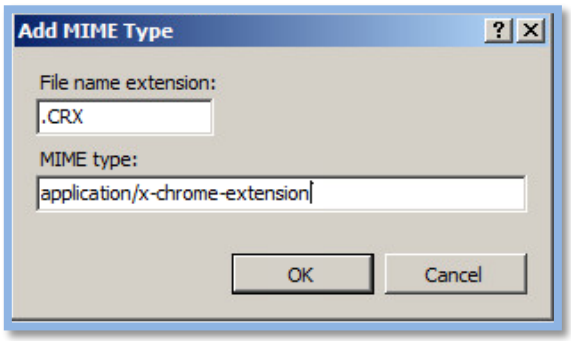
The list of file extensions opens.

To add a new MIMY Type for .crx:

1. Right click the windows and choose the Add option.



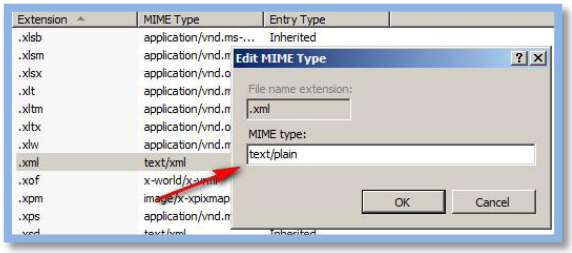
The **Add Mime Type** window opens:



2. Fill the fields in the **Add Mime Type** windows as follows:
    a. In the **File** name extension field, type: ".CRX"
    b. In the **MIME type** field, type: "application/x-chrome-extension"
    c. Click **OK**

To change existing xml file extension:

1. In the extinctions list, right click the .xml file extension; the Edit MIMT Type window opens.



2. In the **MIME type** field type "text/plain".
3. Click **OK**

Step 3: Getting Jetro client extension for chrome

Send the address of Client folder, a virtual directory you created on IIS server (Steps 1-3), to support@jetroplatforms.com to get Jetro chrome extension that meets your environment settings.
After you'll get Jetro chrome extension .crx file, save the file on IIS server in the Client folder (for Server extension in the Server folder).

Step 4: Creating updates.xml file

1. Open notepad create new file with the below content:

```
<?xml version='1.0' encoding='UTF-8'?>
<gupdate xmlns='http://www.google.com/update2/response' protocol='2.0'>
 <app appid='pjabefpjledclcdkmcgoglabcnkbleab'>
  <updatecheck codebase='http://servername/client/client.crx' version='2.0' />
 </app>
</gupdate>
```

- **server name** = server where IIS has been installed.
- **client.crx** = the file that you have got from Jetro Support (step 3)
- **version** = Jetro chrome extension version.

2. Save the created file as .xml under name "**updates.xml.**"
3. Put the file on IIS server Client folder, a virtual directory you created before.

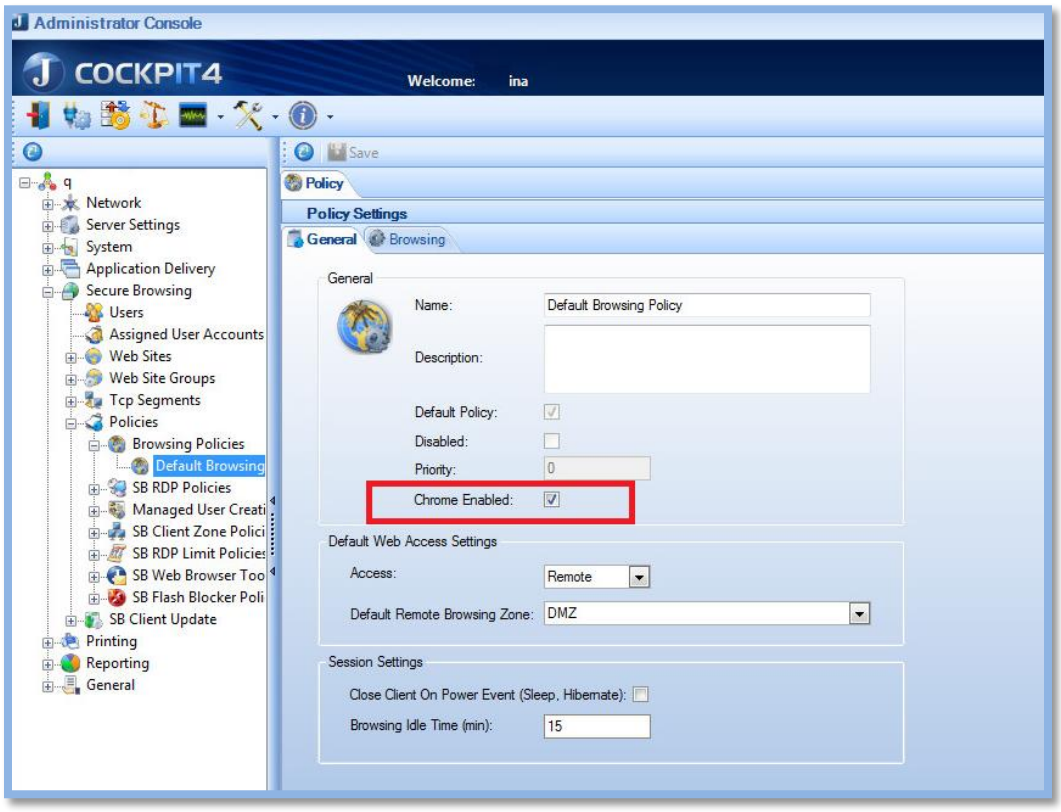
Step 5: Deploying Jetro chrome extension using GPO

1. Download google chrome ADM file
   http://dl.google.com/dl/edgedl/chrome/policy/policy_templates.zip
2. Create a new Policy
3. Expand User configuration → Policies → Administrative templates → Classic administrative templates → Google → Google Chrome → Extensions
4. Enable the "Configure the list of force-installed extensions" setting.
5. Enter value: pjabefpjledclcdkmcgoglabcnkbleab;http://*servername/client/updates.xml.
6. Click **OK**

Note: Server side deployment is exactly the same but managed on DMZ network and domain.

Configuring Chrome via Admin Console

Once Client and Server extensions are distributed across the organization you can enable Chrome by simply selecting the **Chrome Enabled** check box in Default Browsing Policy in Admin Console (Secure Browsing → Policies → Default Browsing Policy → General tab).



The end users can now use both of their browsers, IE and Google Chrome to browse the internet. System Administrator can anytime limit the users to browse only via Internet Explorer by simply unchecking the **Chrome Enabled** check box.