

Virtual Browser 1.4.0

Release Notes

Introduction

These Release notes cover what's new, upgrade procedure, download and installation instruction for Virtual Browser 1.4.0.

If you need additional support or have any questions to ask on this version, you can contact us using the support@commonit.com email address.



What's new in Virtual Browser 1.4.0

Since version 1.3.2, the following modifications have been made:

- **Authentication:**
 - Radius authentication support has been added. This can for example be used to add OTP (One Time Password) authentication using a Radius server in challenge-response mode.
 - A PKI infrastructure can be used to validate certificate authentication without the need to define each user certificate: the VB server can use a list of Certificate Authorities and associated CRL to authenticate a user.
 - The primary group set on an AD user profile can now be used to create a group object.
 - Additional trusted CA certificates can be added in the session configuration (only effective with the Gecko rendering engine). This can be used for web applications using a SSL certificate not signed by default Certificate Authorities.
- **Exchange zone:** The disk space available for each user in the exchange zone can now be limited using a quota policy, defined in the storage location configuration.
- **Rendering engines:**
 - Java 1.5 plugin is now available with the IE6 rendering engine.
 - Specific rendering engine settings can now be set in the browser configuration. This option is currently reserved for commonIT support.
- **Cluster mode:** When the database server is unavailable, the remaining VB servers continue to serve VB sessions using a local copy of the database. Only the modification of the configuration is not possible during the database unavailability.
- **PDF Viewer:** The actions allowed by the internal PDF viewer have been reviewed to only allow saving in the exchange zone.

- **RDP Client:** It was not possible to connect to a Windows Server 2008 using the RDP client. This has been fixed.
- **Web management interface:**
 - A backup of the configuration can now be created or restored in the VB monitoring section. The backup archives can be left on the server or downloaded.
 - It is no more possible to delete an object referenced by others. Previously, this could have resulted in the unwanted deletion of these objects.
- **System configuration:**
 - Additional parameters are now asked during the initial configuration process: hostname, proxy, DNS domain, NTP server.
 - The self-signed server certificate is now created during the initial configuration process.
 - It is now possible to change the default port (443), use a different port for VB connections and web administration, or define a list of authorized networks.
 - Logs can now be sent to an external syslog server.

Downloading Virtual Browser 1.4.0

VB server image for VMware

VB server is delivered as a VMware Virtual Appliance using the OVF (*Open Virtualization Format*) format. The OVF package can be directly imported into a VMware ESX/ESXi server.

The OVF package can be downloaded using the link below:

- <http://commonit.com/download/vb-server-1.4.0-ovf.zip>

The image is compressed, you will need to uncompress it before using it.

If you want to use it with another VMware product or an old ESX server, you can use VMware Converter (<http://www.vmware.com/download/converter/>) to convert it.

VB server image for Xen

VB server can be installed as a domU guest on a Xen server. The required files (disk image, kernel, initrd and sample xen configuration file) are delivered in a tar.gz archive.

The Xen package can be downloaded using the link below:

- <http://commonit.com/download/vb-server-1.4.0-xen.tar.gz>

Use the included README file for details on how to set it up.

VB Documentation

The VB Management Console User Guide can be downloaded at:

- English: <http://commonit.com/download/documentation/vb-admin-user-guide-en-1.1-0.pdf>
- French: <http://commonit.com/download/documentation/vb-admin-user-guide-fr-1.1-0.pdf>

VB agent

You can use any VB agent 1.x.x with Virtual Browser 1.4.0. The latest release notes of the VB agent (with download links) can be found at:

- <http://commonit.com/release-notes/vb-agent-latest.php>

Installing Virtual Browser server 1.4.0

Initial configuration

During the first boot, the Virtual Browser server will ask initial configuration settings:

- Keyboard layout
- Timezone
- Network configuration
- Cluster mode configuration
- Maximum number of VB simultaneous sessions
- SSL certificate creation
- System and Web 'admin' passwords

After the initial configuration, these settings can be modified using the following scripts:

- `vb-modify-kmap.py`
- `vb-modify-timezone.py`
- `vb-modify-network.py`
- `vb-modify-vbserver.py`
- `vb-modify-certificate.py`
- `vb-modify-password.py`

Web administration interface

To connect to the VB administration interface:

- Use a browser to connect to the server IP address using the HTTPS protocol.

To install the license:

- Connect to the administration interface using an admin account
- Go to '*VB configuration > License*'
- Click on 'Set license' and enter the license key in the popup window.

Cluster mode

A dedicated step-by-step configuration guide can be requested at support@commonit.com.

Kerberos configuration (SSO)

A dedicated step-by-step configuration guide can be requested at support@commonit.com.

Specific configuration

To define an HTTP proxy for the server's services (used for updates):

```
sudo vi /opt/commonit/etc/default/vb
(... update the file content ...)
sudo /opt/commonit/etc/rc.d/vbserver restart
sudo /opt/commonit/etc/rc.d/vb-www restart
```

To define an external syslog server for VB logs:

```
sudo vb-config.py set logging syslog True
sudo vb-config.py set logging syslog_destination 192.168.1.10
sudo /opt/commonit/etc/rc.d/vbserver restart
```

To use a different port for the www admin interface and add an access-list:

```
sudo vb-config.py set wwwadmin port 943
sudo vb-config.py set wwwadmin networks 192.168.1.0/24
sudo /opt/commonit/etc/rc.d/vbserver restart
```

Upgrading from an older version

Upgrading from VB server 1.x.x can be done directly from the web administration interface.

- Connect to the web administration interface and go to the 'Update' section. The 1.4.0 version should be marked as available and an '*Update Virtual Browser server*' link should be present.
- Click on the 'Update Virtual Browser server' link and launch the upgrade.

Important note: If you already have local users with associated X.509 certificate defined in the configuration, contact support@commonit.com for specific instructions.

If you are upgrading from VB server 1.1.0, please refer to the Virtual Browser 1.2.0 release notes for specific instructions.