

How to: Installation of Connect 6 Origin & Edge

Environment

1. Origin: my testing PC is labvm1
2. Edge: my testing PC is labvm2
3. Client: any PC that can connect to Origin and Edge by DNS or hosts file setting
4. Action: Prepare 3 PCs

Installation

1. Please refer to [Adobe Connect Enterprise Server 6 - Installation and Configuration Guide](#) for installing Origin and Edge.

Licenses Setup after Installation

For Origin

1. A serial number is sent to you and its license file can be downloaded.
(e.g. Serial key: XXXXX-XXXXX-XXXXX-XXXXX and its downloaded license.txt)
2. Action: Using console (<http://localhost:8510>) to import your license.txt
3. Action: Make sure you can connect to Origin and log in any meeting room from Client



Summary | Database Settings | Server Settings | **License Settings** | Create Administrator

License Settings

To use Connect Enterprise Server with the features you licensed, you must download a license file from Adobe and upload it to your Connect Enterprise Server installation. Do the following:

1. Download the license file from Adobe:

<https://license.adobe.com/license?serial-key=XXXXX-XXXXX-XXXXX-XXXXX>

If you are unable to download the file from this location, please contact Adobe Technical Support to have a license file sent to you.

2. Browse to the license file you downloaded in step 1:

License File Location:

When you click Next, the license file is uploaded to your Connect Enterprise Installation. Connect Enterprise is enabled following a successful installation of the license file.



For Edge

1. an edge license is sent to you
(e.g. e50f2bd5-e186-4eb2-ba4d-0d3a7dd90694.lic)
2. **Action:**
Locate
<C:\breeze\edgeserver\win32\licenses\e50f2bd5-e186-4eb2-ba4d-0d3a7dd90694.lic>

Configuration of Edge

For Edge

1. Delete <C:\breeze\custom.ini> if it exist
2. Create <C:\breeze\edgeserver\custom.ini> and add following (e.g. labvm1 and labvm2)
FCS_EDGE_HOST=labvm2
FCS_EDGE_REGISTER_HOST=labvm1
FCS_EDGE_CLUSTER_ID=adobe_apac
FCS.HTTPCACHE_BREEZE_SERVER_NORMAL_PORT=labvm1:80
FCS.HTTPCACHE_BREEZE_SERVER_SECURE_PORT= labvm1:443
FCS_EDGE_REG_INTERVAL=30000
FCS_EDGE_EXPIRY_TIME=50000
DEFAULT_FCS_HOSTPORT=:1935,80,-443
3. Modify the <HostName> in <C:\breeze\edgeserver\win32\conf\HttpCache.xml>
<HostName>\${FCS_EDGE_HOST}</HostName>

Configuration of Origin

For Origin

1. Modify <C:\breeze\custom.ini> and add following
edge.adobe_apac=5

Restart all services in following sequences

For Origin

1. Stop Adobe Connect Enterprise Service
2. Stop Flash Media Administration Server
3. Stop Flash Media Server (FMS)
4. Start Flash Media Server (FMS)
5. Start Flash Media Administration Server
6. Start Adobe Connect Enterprise Service

For Edge

1. Stop Flash Media Administration Server
2. Stop Flash Media Server (FMS)
3. Start Flash Media Server (FMS)
4. Start Flash Media Administration Server

Configuration of Host mapping in Origin

1. From console in Origin (<http://localhost:8510>), the labvm2 will be appeared automatically if an Edge can connect to Origin.
2. Set the External Name of labvm2. For example, I use labvm2 for testing only.

Application Settings | Directory Service Settings

Summary | Database Settings | Server Settings | License Settings | Create Administrator

Please provide the following server configuration information. This information is used to configure the Connect Enterprise server, including the domain name and e-mail settings.

Network Settings

Account Name: *
(Enter the name of your Adobe Connect Enterprise server installation.)

Connect Enterprise Host: *
(Enter the FQDN (Fully Qualified Domain Name) of your Adobe Connect Enterprise server. Do not include "http://" in this value; for example: connect.mycompany.com.)

HTTP Port: *
(Enter the HTTP port number. By default, this value is 80. If you use a port other than 80, you must append ":{port-number}" to the end of the Connect Enterprise Host value; for example, connect.mycompany.com:90.)

Host Mappings:

Name	External Name
LABVM1	<input type="text" value="labvm1"/>
labvm2	<input type="text" value="labvm2"/>

Testing from Client

1. I use hosts file for testing only.
2. For example, labvm1 IP is 192.168.11.5 and labvm2 IP is 192.168.11.6.
3. I map labvm1 to 192.168.11.6 as follows.

Also, you need to tell your PC where labvm2 is located.

It's because the Client need to know where labvm2 is located.

i.e., Client → labvm1 (192.168.11.6) → reconnect to labvm2 (192.168.11.6)

192.168.11.5 labvm1

192.168.11.6 labvm1

192.168.11.6 labvm2

4. Log in a meeting room
5. If everything is OK, you can see some cache contents are created in Edge.
Verify the created content in C:\breeze\edgeserver\win32\cache\

Troubleshooting using log

For Edge

1. Open directory C:\breeze\edgeserver\logs\diagnostic
2. httpcache.xx.log shows listening correctly at 8443 and 8080. It's because 80 and 443 are mapped to these ports internally between Origin and Edge

```
2008-05-07 07:49:38 168 (i)2631174Listener started ( _defaultRoot_[18874424] ) : 8443 -
2008-05-07 07:49:38 168 (i)2631174Listener started ( _defaultRoot_[18874424] ) : 8080 -
```

3. edge.xx.log shows listening correctly at 19350, 80, 1935. These are general ports.

```
2008-05-07 07:49:34 3392 (i)2631174Listener started ( _defaultRoot__edge1 ) : 19350-
2008-05-07 07:49:35 3392 (i)2631174Listener started ( _defaultRoot__edge1 ) : 80 -
2008-05-07 07:49:35 3392 (i)2631174Listener started ( _defaultRoot__edge1 ) : 1935 -
2008-05-07 07:49:35 3392 (i)2631174Listener started ( _defaultRoot__edge1 ) : 443 -
2008-05-07 07:49:35 3392 (i)2581252Registering core (3264).
```

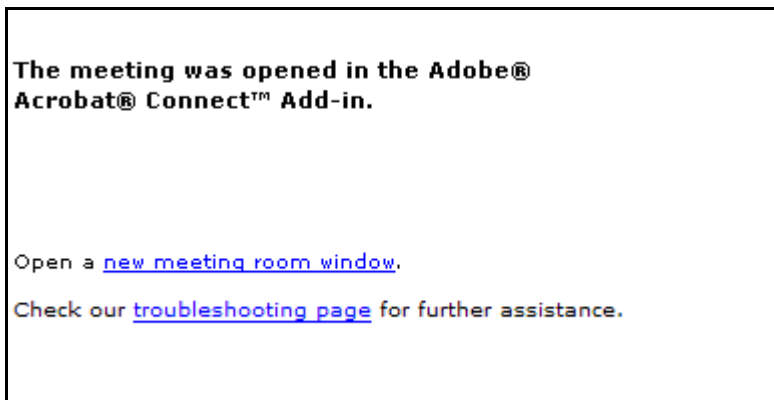
4. master.xx.log shows Server, Edge and Core are started.

```
2008-05-07 07:47:37 1792 (i)2571011 Server starting... -
2008-05-07 07:47:37 1792 (w)2581201 No primary license key found. Switching to Developer Edition.
-
2008-05-07 07:47:37 1792 (i)2581224Edge (428) started, arguments : -edgeports ":1935,80,443"
-coreports ":19350" -conf "C:\breeze\edgeserver\win32\conf\server.xml" -adaptor "_defaultRoot_" -name
"_defaultRoot__edge1". -
2008-05-07 07:47:37 1792 (i)2581221Core (344) started, arguments : -adaptor "_defaultRoot_" -vhost
"local" -app "registerapp" -inst -conf "C:\breeze\edgeserver\win32\conf\server.xml" -name
"_defaultRoot_:local:registerapp:". -
2008-05-07 07:47:37 1792 (i)2581221Core (868) started, arguments : -adaptor "_defaultRoot_" -vhost
"_defaultVHost_" -app -inst -conf "C:\breeze\edgeserver\win32\conf\server.xml" -name
"_defaultRoot_:defaultVHost_:". -
2008-05-07 07:47:37 1792 (e)2581155 License key specified does not allow multiple adaptor
support. -
2008-05-07 07:47:37 1792 (i)2571111 Server started (C:\breeze\edgeserver\win32\conf\server.xml). -
```

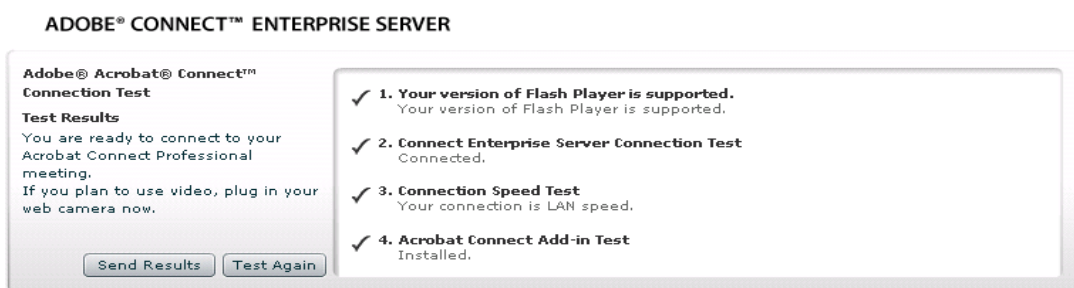
Troubleshooting when connecting

For Client

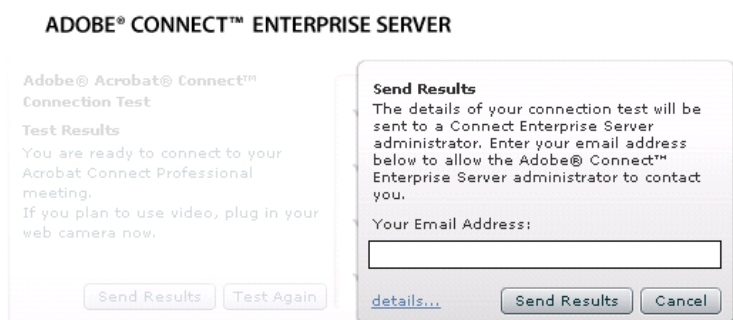
1. Connect to a meeting room.
2. In the web page, press the link of “troubleshooting page”.



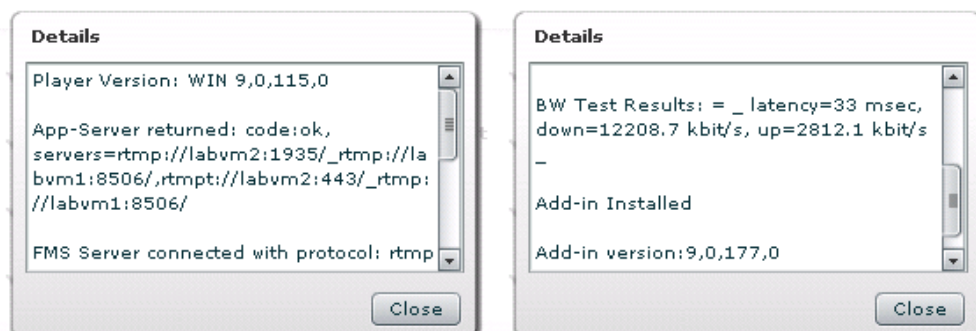
3. If there is any problem, press “Send Results”.



4. Then press “details...” to check the problem.



For example, my message is



References

1. Adobe Connect Enterprise Server 6 - Installation and Configuration Guide
http://help.adobe.com/en_US/Connect/6.0/InstallationConfiguration/help.pdf
2. Clarifications to Chapter 3 of the Connect Edge Server 6 Installation Guide
<http://www.adobe.com/go/kb401091>
3. DNS configuration option for Connect Edge servers
<http://kb.adobe.com/selfservice/viewContent.do?externalId=kb402438>