

密级：非密

Linux 环境中安装 Docs 2.0 + cr3 + ifix008

IBM

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22、使用说明

安装前，需要仔细阅读“Linux 中安装 Connections v6 + CR5 补丁”和“利用 Domino 配置 Connections6 CR5 的通知服务”，如果对“Linux 中安装 Connections v6 + CR5 补丁”有不清楚的地方，请参考“Connections 5 安装手册-超级详细版”，这几个文档，都在我 IT168 文库的相同目录下。

另外，由于 Docs 2.0 在 CR3 以前的版本中，Conversion Server 都不支持在 linux 中安装，只有 CR3 以后的版本才支持，所有，整个 Docs 在 linux 环境中的安装过程，与在 windows 的安装过程不同

基本思路如下：

- 1、先按照 docs 2.0 基础版本（安装时候不能选择 Conversion Server 组件）
- 2、----- 再安装 CR3 补丁（会升级到 doc2.0 CR3，但是升级不包括 Conversion 组件）
- 3、----- 再手动安装 docs2.0 CR3 --- Conversion server for linux 程序包
- 4、统一升级到 ifix008 最新小补丁

23、Docs 2.0 安装 + CR3 + ifix008

创建 Docs 数据库 (docsuser)

- useradd -g db2iadm1 docsuser. (db2iadm1 refers to the DB2 user group.)
- passwd docsuser
- db2set DB2CODEPAGE=1208 (已经在创建 Connections DB 时候做了)
- db2stop force
- db2start

https://www.ibm.com/support/knowledgecenter/SSFHJY_2.0.0/deploy/creating_the_ibm_docs_databases.html

```

 由 Xnlp 截图
[root@MiWiFi-R3-srv db2]# ls
appGrants.sql          createdb.sql   fixup10.sql  fixup14.sql  fixup18.sql  fixup21.sql  fixup2.sql   fixup6.sql  prepare_db_name.py  updateDBSchema.sh
concord_schema_version.txt dropDb.bat    fixup11.sql  fixup15.sql  fixup19.sql  fixup22.sql  fixup3.sql   fixup7.sql  readme.txt
createDb.bat            dropDb.sh     fixup12.sql  fixup16.sql  fixup19.sql  fixup23.sql  fixup4.sql   fixup8.sql  setupDB-lotuslive.sql
createDb.sh              dropDb.sql    fixup13.sql  fixup17.sql  fixup20.sql  fixup24.sql  fixup5.sql   fixup9.sql  updateDBSchema.bat
[root@MiWiFi-R3-srv db2]# chmod 777 *.*
[root@MiWiFi-R3-srv db2]#
[root@MiWiFi-R3-srv db2]#
[root@MiWiFi-R3-srv db2]# ls
appGrants.sql          createdb.sql   fixup10.sql  fixup14.sql  fixup18.sql  fixup21.sql  fixup2.sql   fixup6.sql  prepare_db_name.py  updateDBSchema.sh
concord_schema_version.txt dropDb.bat    fixup11.sql  fixup15.sql  fixup19.sql  fixup22.sql  fixup3.sql   fixup7.sql  readme.txt
createDb.bat            dropDb.sh     fixup12.sql  fixup16.sql  fixup19.sql  fixup23.sql  fixup4.sql   fixup8.sql  setupDB-lotuslive.sql
createDb.sh              dropDb.sql    fixup13.sql  fixup17.sql  fixup20.sql  fixup24.sql  fixup5.sql   fixup9.sql  updateDBSchema.bat
[root@MiWiFi-R3-srv db2]# ./createDb.sh
DB20000I The CREATE DATABASE command completed successfully.

Database Connection Information
Database server      = DB2/LINUXX8664 10.5.4
SQL authorization ID = ROOT
Local database alias = CONCORD

DB20000I The SQL command completed successfully.

DB20000I The SQL command completed successfully.

Database Connection Information
Database server      = DB2/LINUXX8664 10.5.4
SQL authorization ID = ROOT
Local database alias = CONCORD

DB20000I The SQL command completed successfully.

DB20000I The TERMINATE command completed successfully.

[root@MiWiFi-R3-srv db2]# _

```

Run `./updateDBSchema.sh`

```
[root@MiWiFi-R3-srv db2]# ./updateDBSchema.sh
```

DB20000I The CREATE DATABASE command completed successfully.

Database Connection Information

```
Database server      = DB2/LINUXX8664 10.5.4
```

```
SQL authorization ID      = ROOT
```

```
Local database alias      = CONCORD
```

```
DB20000I  The SQL command completed successfully.
```

```
DB20000I  The SQL command completed successfully.
```

```
Database Connection Information
```

```
Database server          = DB2/LINUXX8664 10.5.4
```

```
SQL authorization ID      = ROOT
```

```
Local database alias      = CONCORD
```

```
[root@MiWiFi-R3-srv db2]# db2 -td@ -vf appGrants.sql
```

```
CONNECT TO CONCORD
```

```
Database Connection Information
```

```
Database server          = DB2/LINUXX8664 10.5.4
```

```
SQL authorization ID      = ROOT
```

```
Local database alias      = CONCORD
```

```
GRANT CONNECT ON DATABASE TO USER DOCSUSER
```

```
DB20000I  The SQL command completed successfully.
```

```
GRANT INSERT,UPDATE,SELECT,DELETE ON "CONCORDDB"."USERPREFERENCE" TO USER DOCSUSER
```

```
DB20000I  The SQL command completed successfully.
```

```
GRANT INSERT,UPDATE,SELECT,DELETE ON "CONCORDDB"."DOCEDITORS" TO USER DOCSUSER
```

```
DB20000I  The SQL command completed successfully.
```

Installing extra language packs

https://www.ibm.com/support/knowledgecenter/SSFHJY_2.0.0/deploy/install_additional_language_packs.html

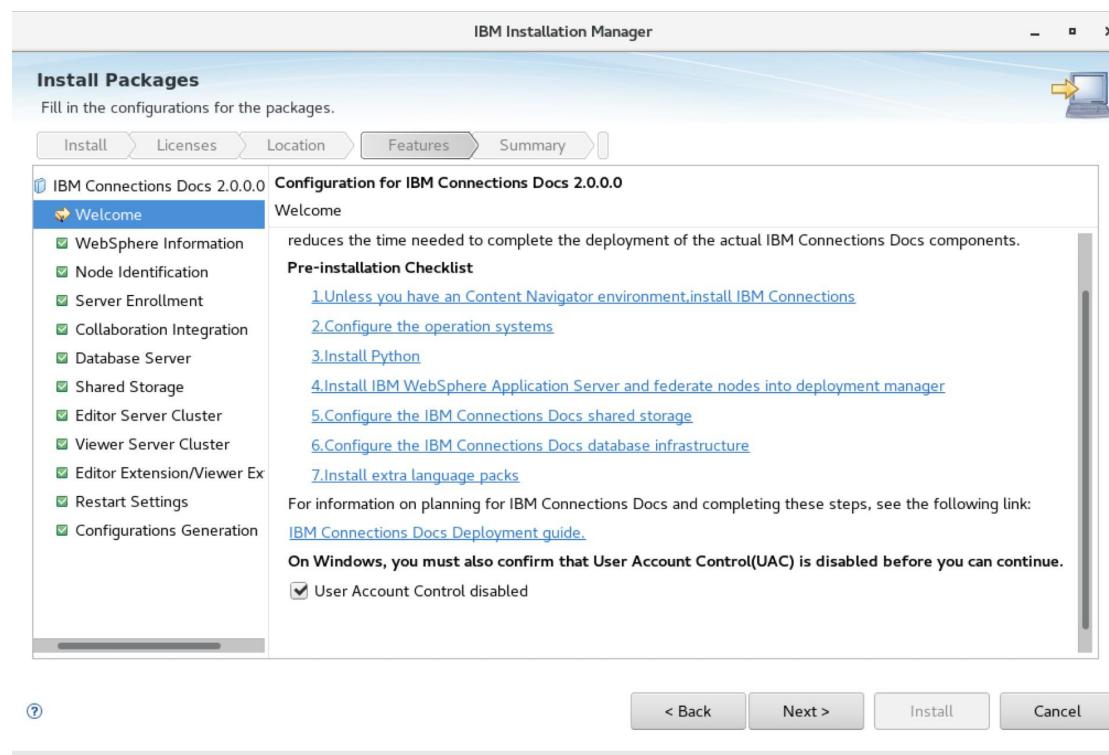
If your documents use a font that is not installed on the Conversion server, it will fall back to the other available font depending on your system settings. If you want to use the same font that is used in the document, you must install this font on the Conversion server. Refer to the instructions of your Windows system about how to install the fonts.

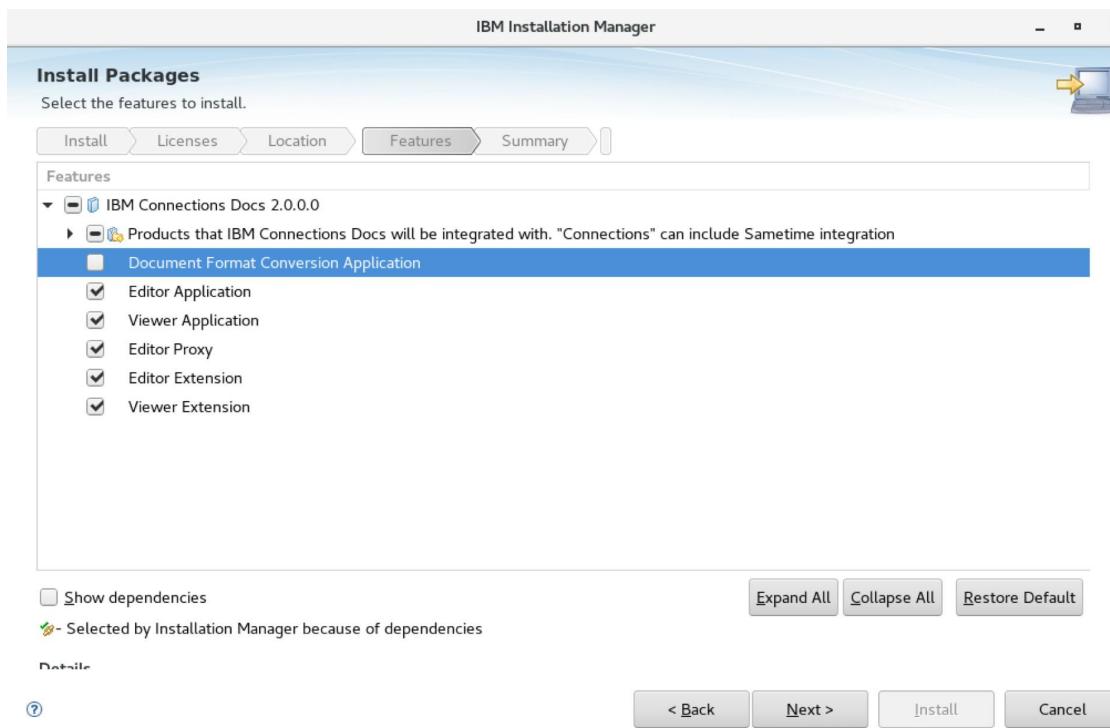
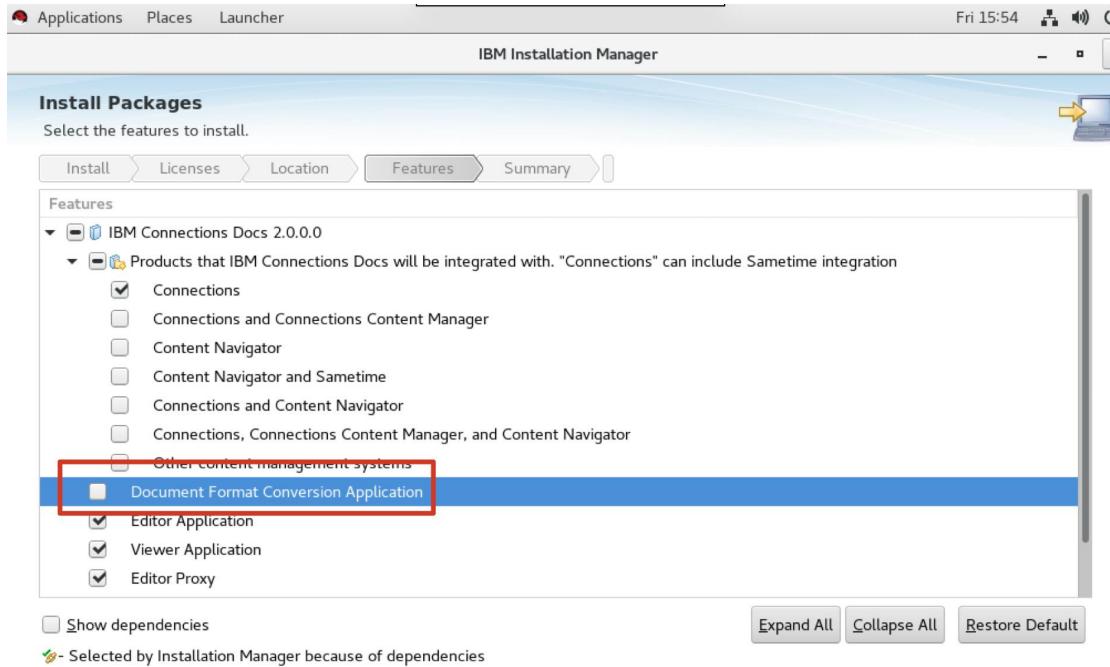
确认 python 的安装 需要 2.7.5 这个版本

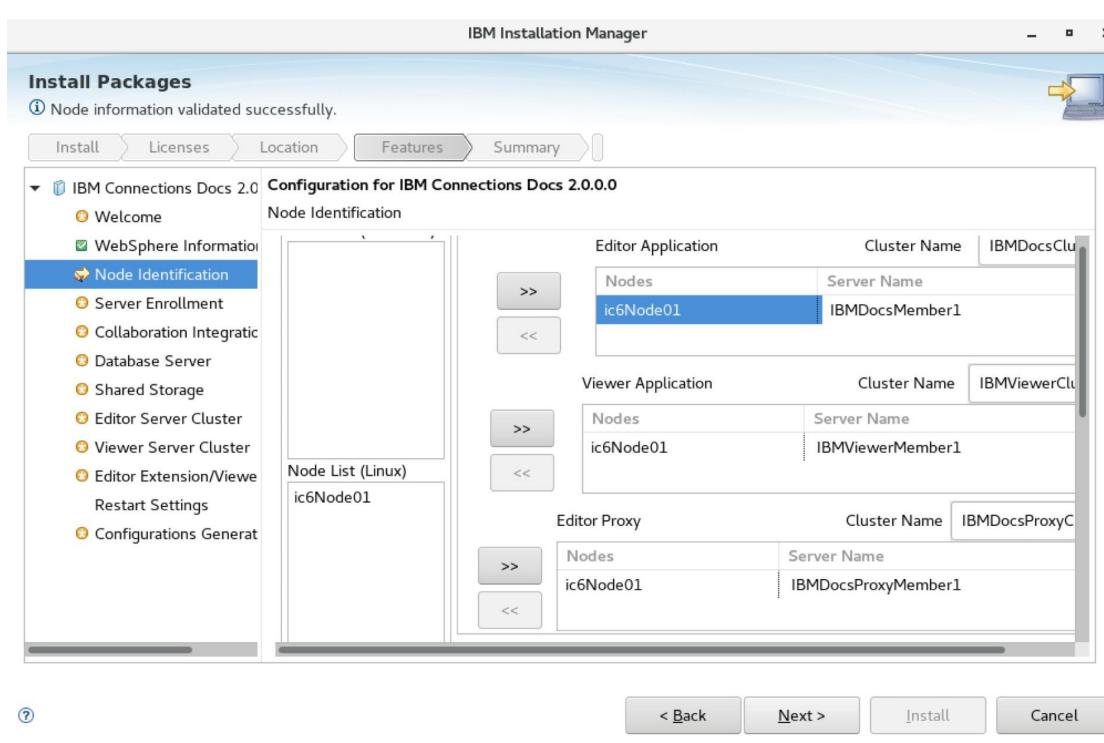
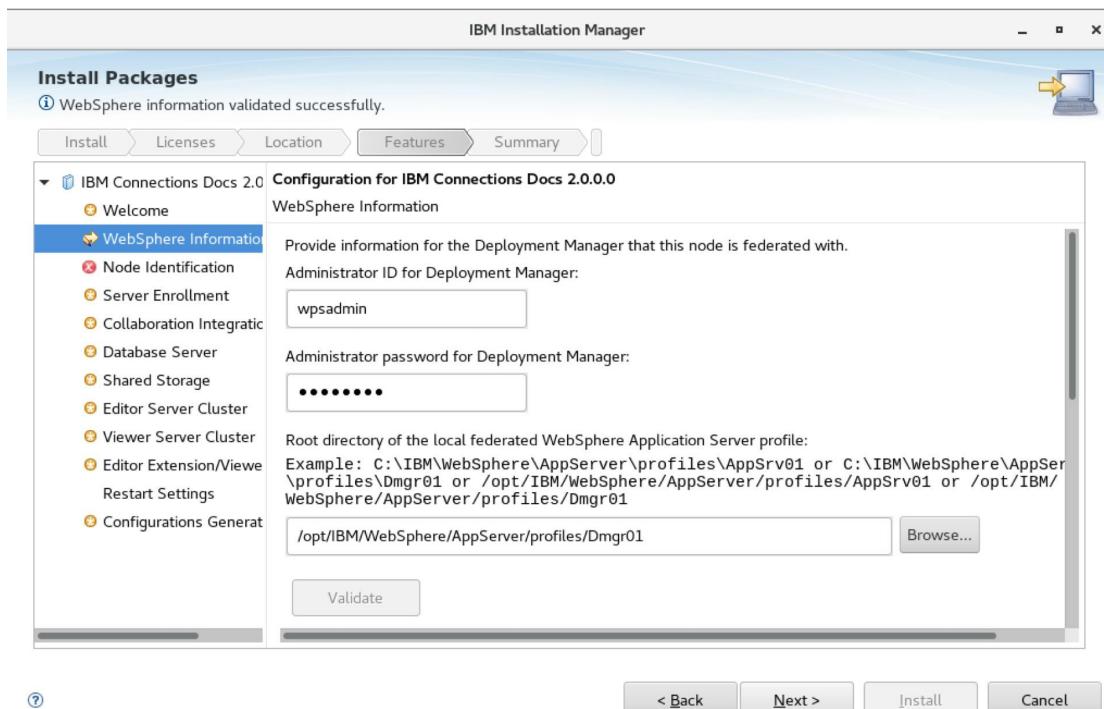
```
[root@MiWiFi-R3-srv opt]# which python  
/usr/bin/python  
[root@MiWiFi-R3-srv opt]# python -V  
Python 2.7.5  
[root@MiWiFi-R3-srv opt]#
```

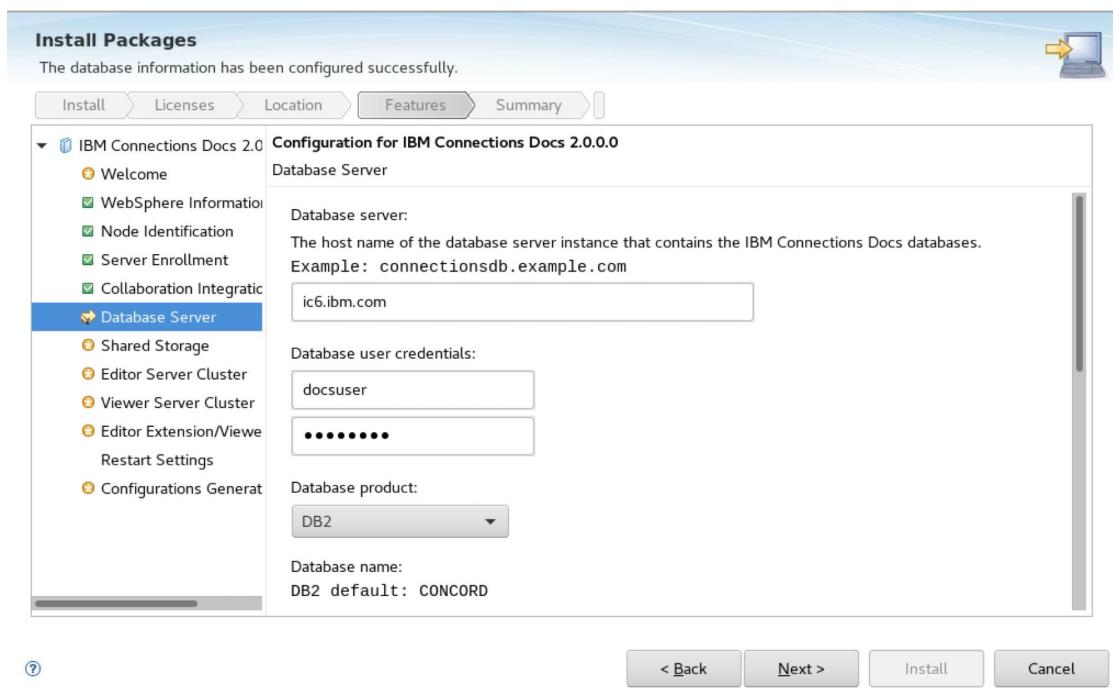
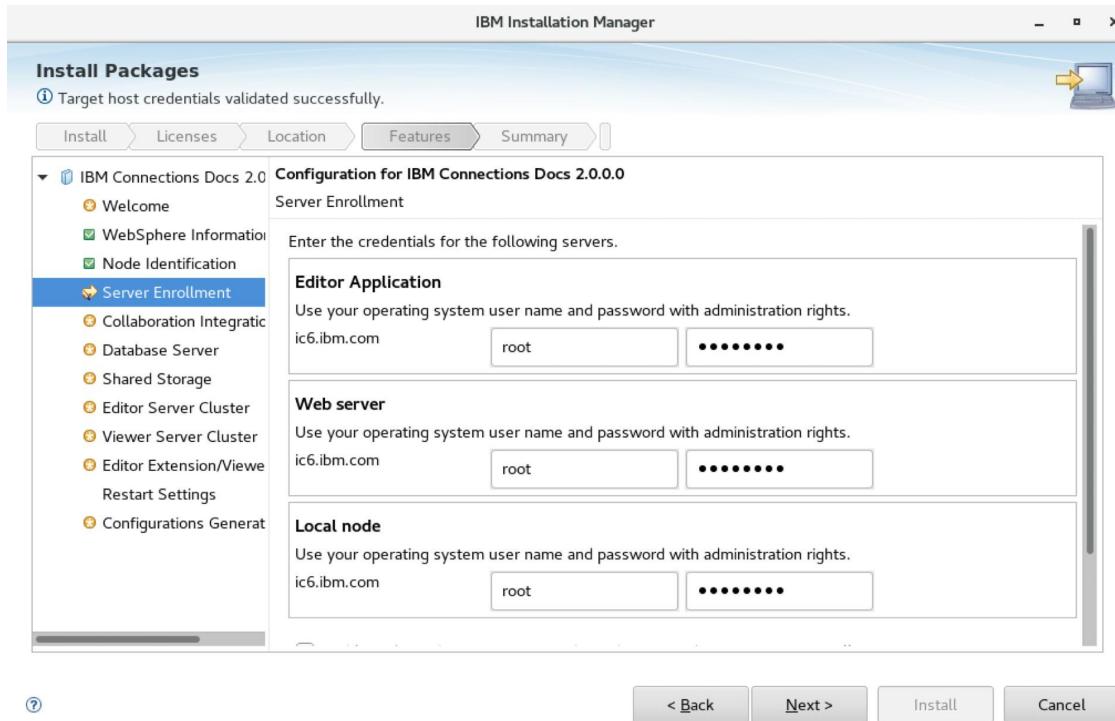
利用 IM 安装 docs 2.0 -安装过程不能选 conversion server

另外 单机环境也可以不选 proxy server。









Install Licenses Location Features Configuration for IBM Connections Docs 2.0.0.0 Summary

IBM Connections Docs 2.0

- Welcome
- ✓ WebSphere Information
- ✓ Node Identification
- ✓ Server Enrollment
- ✓ Collaboration Integrat
- ↳ **Database Server**
- Shared Storage
- Editor Server Cluster
- Viewer Server Cluster
- Editor Extension/Viewe
- Restart Settings
- Configurations Generat

Configuration for IBM Connections Docs 2.0.0.0

Database Server

Database name:
DB2 default: CONCORD
If you set a different name, make sure that you created it with valid SQL scripts.

JDBC driver library path:
Enter the directory where the DB2, or Oracle, or Sqlserver JDBC drivers are placed in Editor Server.
Example: /opt/db_jdbc_driver or C:\db_jdbc_driver

Port:
The port number of the database server where you created the Docs database.
DB2 default: 50000
Oracle default: 1521
SQL Server default: 1433

Install Packages

Fill in the configurations for the packages.

Install Licenses Location Features Configuration for IBM Connections Docs 2.0.0.0 Summary

IBM Connections Docs 2.0

- Welcome
- ✓ WebSphere Information
- ✓ Node Identification
- ✓ Server Enrollment
- ✓ Collaboration Integrat
- ✓ Database Server
- ↳ **Shared Storage**
- Editor Server Cluster
- Viewer Server Cluster
- Editor Extension/Viewe
- Restart Settings
- Configurations Generat

Configuration for IBM Connections Docs 2.0.0.0

Shared Storage

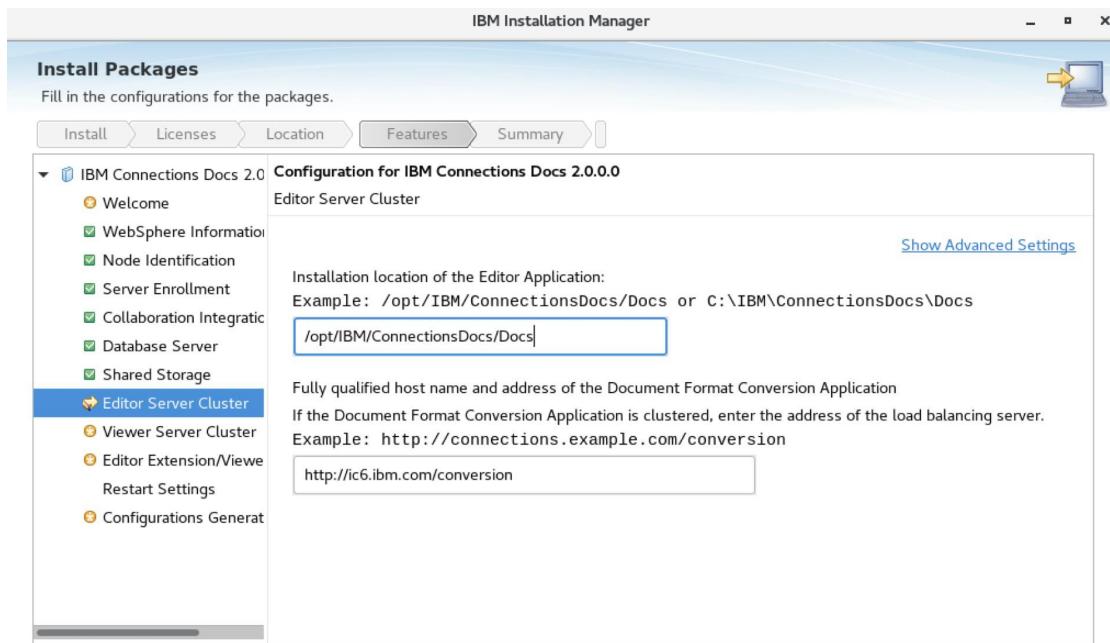
Enter the client mount point for the Editor Application data share directory on Editor Server:
Example: /opt/IBM/docs_data or U:

Enter the client mount point for the Viewer Application data share directory on Viewer Server:
Example: /opt/IBM/viewer_data or V:

Enter the client mount point for the Editor Application data share directory on Viewer Server:
Example: /opt/IBM/docs_data or X:

?

< Back Next > Install Cancel



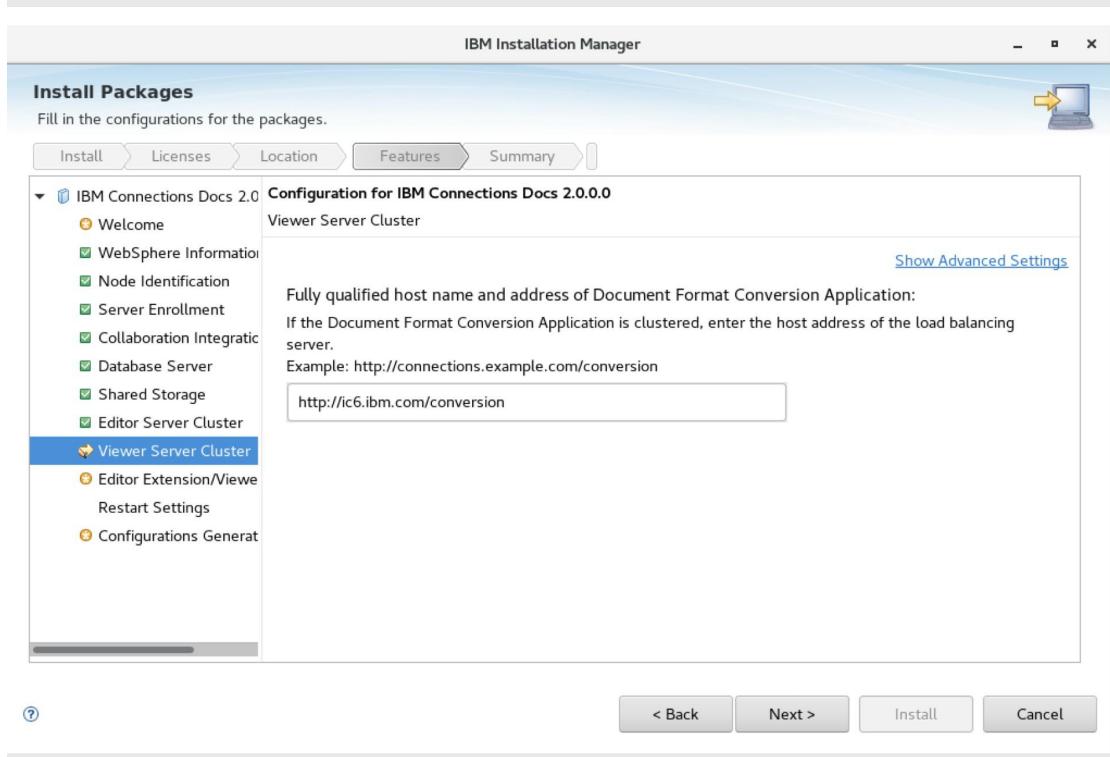
?

< Back

Next >

Install

Cancel



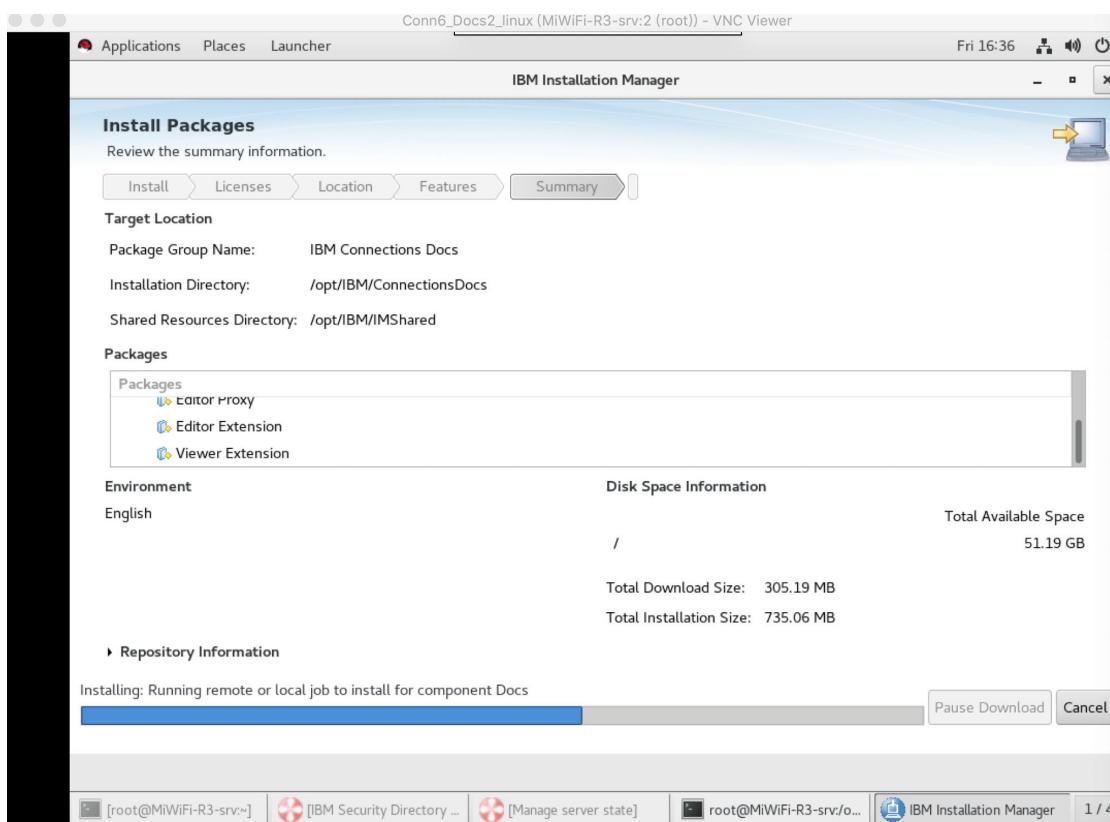
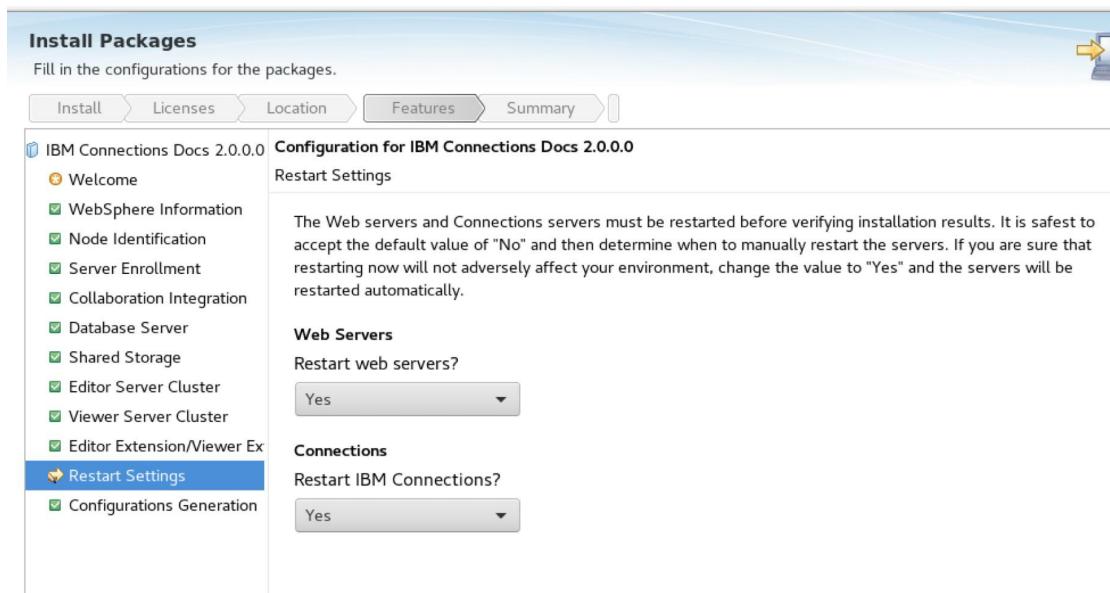
?

< Back

Next >

Install

Cancel



安装 cr3 补丁 + conversion server

01、先更新 DB

到 CR3 补丁目录，更新 db

You should be see that the database schema has been upgraded to version 28.



由 Xnip 截图

```
[root@MiWiFi-R3-srv db2]# pwd  
/opt/disks/docs/fixes/SetupDB/db2  
[root@MiWiFi-R3-srv db2]# ./updateDBSchema.sh  
-bash: ./updateDBSchema.sh: Permission denied  
[root@MiWiFi-R3-srv db2]# chmod 777 *.*  
[root@MiWiFi-R3-srv db2]#  
[root@MiWiFi-R3-srv db2]# ./updateDBSchema.sh
```

Database Connection Information

Database server = DB2/LINUXX8664 10.5.4
SQL authorization ID = ROOT
Local database alias = CONCORD

```
DB20000I The SQL command completed successfully.  
Schema version number is 24  
update sql with version 24  
applying fixup25.sql  
.updateDBSchema.sh: line 41: dos2unix: command not found  
mv: cannot stat 'fixup_tmp.sql': No such file or directory
```

Database Connection Information

Database server = DB2/LINUXX8664 10.5.4
SQL authorization ID = ROOT
Local database alias = CONCORD

DB20000I The SQL command completed successfully.

DB20000I The SQL command completed successfully.

DB20000I The SQL command completed successfully.

```
applying fixup26.sql
./updateDBSchema.sh: line 41: dos2unix: command not found
mv: cannot stat 'fixup_tmp.sql': No such file or directory
```

Database Connection Information

Database server = DB2/LINUXX8664 10.5.4
SQL authorization ID = ROOT
Local database alias = CONCORD

DB20000T The SQL command completed successfully.

DB20000I The REORG command completed successfully.

DB20000I The SQL command completed successfully.

DB20000I The SQL command completed successfully.

```
applying fixup27.sql
./updateDBSchema.sh: line 41: dos2unix: command not found
mv: cannot stat 'fixup_tmp.sql': No such file or directory
```

Database Connection Information

Database server = DB2/LINUXX8664 10.5.4
SQL authorization ID = ROOT
Local database alias = CONCORD

DB20000I The SQL command completed successfully.

02、升级已经安装的组件到 CR3 版本

```
python      applypatch.py      -u      wpsadmin      -p      wpsadmin      -f
/opt/IBM/WebSphere/AppServer/profiles/AppSrv01/bin/wsadmin.sh -l https://ic6.ibm.com/files -a
connectionsAdmin
```

```
[root@MiWiFi-R3-srv docs]# cd fixes/
[root@MiWiFi-R3-srv fixes]# ls
applypatch.py          DocsConversion_Linux_2.0.0.zip    IBMDocsEOMHelp
com.ibm.docs.sanity.ear  DocsCExtension                  IBMDocsHelp
com.ibm.symphony.conversion.service.rest.was.ear.ear  DocsProxyFilter
config                   domain_list_mgr.py           installer
config.py                execwas.py                 License
locsApp                 IBMConnectionsDocs_2.0_CR3.zip   native.zip
locsConversion          IBMConnectionsDocs_CR3_iFixx005.zip  000_2_0_0_170718_unixLngi6_install.tar.gz
[root@MiWiFi-R3-srv fixes]# python applypatch.py -u wpsadmin -p wpsadmin -f /opt/IBM/WebSphere/AppServer/profiles/AppSrv01/bin/wsadmin.sh -l https://ic6.ibm.com/files -a connectionsAdmin
it might take a long time to update all applications. Please be patient and wait until the updating is complete.
2019-07-12 17:44:50,069 INFO Start to update DocsApp.
2019-07-12 17:46:57,957 INFO DocsApp update successfully.
2019-07-12 17:47:10,287 INFO Start to update Viewer.
2019-07-12 17:48:51,100 INFO Viewer update successfully.
installation complete. Refer to iFixInstall.log for details.
[root@MiWiFi-R3-srv fixes]#
```

03、手动替换相关文件

stop 相关的 docs 相关 server + Stop the Common Application:



Upgrade Proxy

1. Click Websphere Console > Applications > Application Types > Assets.
2. Select concord.proxy.filter.jar and click Export to backup.
3. Select concord.proxy.filter.jar again and click Update. Then browse to [PatchRootPath]/DocsProxyFilter/ concord.proxy.filter.jar and then click Next > Next > Finish > Save.
Note: Make sure the concord.proxy.filter.jar file from the [PatchRootPath] directory is in the same workstation where you run the DMGR web console.
4. Click Websphere Console > Servers > Clusters > Proxy Server Clusters, select proxy cluster, click Stop, and then click Start.

更新其它组件:

删除如下截图文件:

```
[root@MiWiFi-R3-srv webresources]#  
[root@MiWiFi-R3-srv webresources]#  
[root@MiWiFi-R3-srv webresources]# rm com.ibm.concord.*  
rm: remove regular file 'com.ibm.concord.lcfiles.extension.provision_2.0.0.20151209-1532.jar'? y  
rm: remove regular file 'com.ibm.concord.viewer.lcfiles.extension.provision_2.0.0.20151209-1532.jar'? y  
[root@MiWiFi-R3-srv webresources]#  
[root@MiWiFi-R3-srv webresources]# pwd  
/opt/conndata/share/provision/webresources  
[root@MiWiFi-R3-srv webresources]# _
```

```
[root@MiWiFi-R3-srv library]# pwd  
/opt/conndata/share/library  
[root@MiWiFi-R3-srv library]#  
[root@MiWiFi-R3-srv library]# rm *  
rm: remove regular file 'com.ibm.concord.viewer.lcfiles.daemon.jar'? y  
rm: remove regular file 'com.ibm.docs.lcfiles.daemon.jar'? y  
[root@MiWiFi-R3-srv library]#  
[root@MiWiFi-R3-srv library]#
```

copy 补丁相关文件

Now we copy the corresponding files in our CR3 package to these locations.

First go to the DocsLCExtension folder and unzip the Concord_LC35_OSGIExtension.zip file

```
[  
[root@MiWiFi-R3-srv fixes]# cd DocsLCExtension/  
[root@MiWiFi-R3-srv DocsLCExtension]# ls  
com.ibm.docs.lcfiles.daemon.jar Concord_LC35_OSGIExtension.zip  
[root@MiWiFi-R3-srv DocsLCExtension]# unzip Concord_LC35_OSGIExtension.zip  
Archive: Concord_LC35_OSGIExtension.zip  
  inflating: com.ibm.concord.lcfiles.extension.provision_2.0.0.20171030-1520.jar  
[root@MiWiFi-R3-srv DocsLCExtension]# ls  
com.ibm.concord.lcfiles.extension.provision_2.0.0.20171030-1520.jar com.ibm.docs.lcfiles.daemon.jar Concord_LC35_OSGIExtension.zip  
[root@MiWiFi-R3-srv DocsLCExtension]# mv com.ibm.concord.lcfiles.extension.provision_2.0.0.20171027-1420.jar  
mv: missing destination file operand after 'com.ibm.concord.lcfiles.extension.provision_2.0.0.20171027-1420.jar'  
Try 'mv --help' for more information.  
[root@MiWiFi-R3-srv DocsLCExtension]# pwd  
/opt/disks/docs/fixes/DocsLCExtension  
[root@MiWiFi-R3-srv DocsLCExtension]# ls  
com.ibm.concord.lcfiles.extension.provision_2.0.0.20171030-1520.jar com.ibm.docs.lcfiles.daemon.jar Concord_LC35_OSGIExtension.zip  
[root@MiWiFi-R3-srv DocsLCExtension]# cp com.ibm.concord.lcfiles.extension.provision_2.0.0.20171030-1520.jar /opt/conndata/share/provision/webresources/  
[root@MiWiFi-R3-srv DocsLCExtension]# cp com.ibm.docs.lcfiles.daemon.jar /opt/conndata/share/library  
[root@MiWiFi-R3-srv DocsLCExtension]# _
```

```
[root@MiWiFi-R3-srv fixes]# cd ViewerLCCustomizeApp  
[root@MiWiFi-R3-srv ViewerLCCustomizeApp]# ls  
com.ibm.concord.viewer.lcfiles.daemon.jar Viewer_LC35_OSGIExtension.zip  
[root@MiWiFi-R3-srv ViewerLCCustomizeApp]# unzip Viewer_LC35_OSGIExtension.zip  
Archive: Viewer_LC35_OSGIExtension.zip  
  inflating: com.ibm.concord.viewer.lcfiles.extension.provision_2.0.0.20171030-1520.jar  
[root@MiWiFi-R3-srv ViewerLCCustomizeApp]# cp com.ibm.concord.viewer.lcfiles.extension.provision_2.0.0.20171030-1520.jar /opt/conndata/share/provision/webres-  
rces/  
[root@MiWiFi-R3-srv ViewerLCCustomizeApp]# ls  
com.ibm.concord.viewer.lcfiles.daemon.jar com.ibm.concord.viewer.lcfiles.extension.provision_2.0.0.20171030-1520.jar Viewer_LC35_OSGIExtension.zip  
[root@MiWiFi-R3-srv ViewerLCCustomizeApp]# cp com.ibm.concord.viewer.lcfiles.daemon.jar /opt/conndata/share/library  
[root@MiWiFi-R3-srv ViewerLCCustomizeApp]#  
[root@MiWiFi-R3-srv ViewerLCCustomizeApp]#  
[root@MiWiFi-R3-srv ViewerLCCustomizeApp]# _
```

04、最后，启动停掉的相关 server + application

05、在 WAS 控制器 手动创建 Conversion Server Cluster

先装相关的 lib 包

```
[root@MiWiFi-R3-srv ViewerLCCustomizeApp]# yum install -y ImageMagick glibc.i686  
gtk2.i686 libSM.i686
```

```
Loaded plugins: langpacks, product-id, search-disabled-repos, subscription-manager
```

```
This system is not registered with an entitlement server. You can use subscription-manager to register.
```

```
Package glibc-2.17-222.el7.i686 already installed and latest version
```

```
Package gtk2-2.24.31-1.el7.i686 already installed and latest version
```

```
Package libSM-1.2.2-2.el7.i686 already installed and latest version
```

```
Resolving Dependencies
```

```
--> Running transaction check
```

```
--> Package ImageMagick.x86_64 0:6.7.8.9-15.el7_2 will be installed
```

```
--> Processing Dependency: libwmflite-0.2.so.7()(64bit) for package: ImageMagick-6.7.8.9-15.el7_2.x86_64
```

```
--> Running transaction check
```

```
--> Package libwmf-lite.x86_64 0:0.2.8.4-41.el7_1 will be installed
```

```
--> Finished Dependency Resolution
```

```
Dependencies Resolved
```

Package	Arch	Version	Repository
Size			
====	====	====	====
Installing:			
ImageMagick	x86_64	6.7.8.9-15.el7_2	rhel-local
2.1 M			
Installing for dependencies:			
libwmf-lite	x86_64	0.2.8.4-41.el7_1	rhel-local
66 k			

```
Transaction Summary
```

```
Install 1 Package (+1 Dependent package)
```

```
Total download size: 2.2 M
```

Installed size: 7.8 M

Downloading packages:

Total

82 MB/s | 2.2 MB 00:00:00

Running transaction check

Running transaction test

Transaction test succeeded

Running transaction

Installing	:	libwmf-lite-0.2.8.4-41.el7_1.x86_64
------------	---	-------------------------------------

1/2

Installing	:	ImageMagick-6.7.8.9-15.el7_2.x86_64
------------	---	-------------------------------------

2/2

Verifying	:	ImageMagick-6.7.8.9-15.el7_2.x86_64
-----------	---	-------------------------------------

1/2

Verifying	:	libwmf-lite-0.2.8.4-41.el7_1.x86_64
-----------	---	-------------------------------------

2/2

Installed:

ImageMagick.x86_64 0:6.7.8.9-15.el7_2

Dependency Installed:

libwmf-lite.x86_64 0:0.2.8.4-41.el7_1

Complete!

[root@MiWiFi-R3-srv ViewerLCCustomizeApp]#

手动创建一个单节点的 cluster

Cell=ic6Cell01, Profile=Dmgr01

Create a new cluster

→ Step 1: Enter basic cluster information

Step 2: Create first cluster member

Step 3: Create additional cluster members

Step 4: Summary

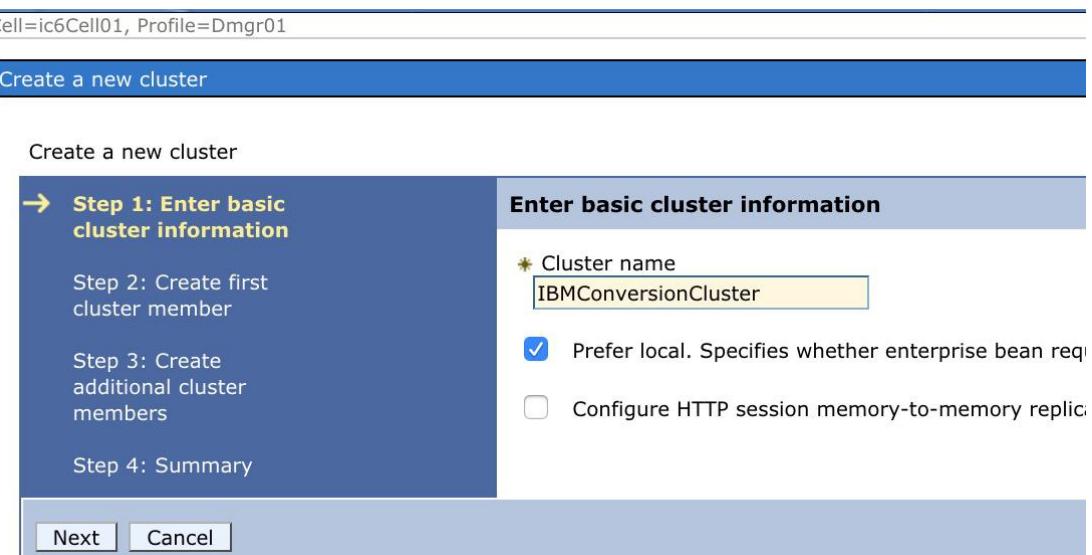
Enter basic cluster information

* Cluster name

Prefer local. Specifies whether enterprise bean req|

Configure HTTP session memory-to-memory replic|

Next Cancel



Cell=ic6Cell01, Profile=Dmgr01

Create a new cluster

Create a new cluster

Step 1: Enter basic cluster information

→ Step 2: Create first cluster member

Step 3: Create additional cluster members

Step 4: Summary

Create first cluster member

The first cluster member determines the server settings for the cluster members. A server configuration template is created from the first member and stored as part of the cluster data. Additional cluster members are copied from this template.

* Member name

IBMConversionMember01

Select node

ic6Node01(ND 8.5.5.14)

* Weight

2 (0..100)

Generate unique HTTP ports

Select how the server resources are promoted in the cluster.

Cluster

Select basis for first cluster member:

Create the member using an application server template.

default

Create the member using an existing application server as a template.

ic6Cell01/ic6Node01(ND 8.5.5.14)/IBMDocsMember1

Create the member by converting an existing application server.

ic6Cell01/ic6Node01(ND 8.5.5.14)/server1

None. Create an empty cluster.

Previous Next Cancel

Create a new cluster

Create a new cluster

Step 1: Enter basic cluster information

Step 2: Create first cluster member

→ Step 3: Create additional cluster members

Step 4: Summary

Create additional cluster members

Enter information about this new cluster member, and click Add Member to add this cluster member to the member list. A server configuration template is created from the first member, and stored as part of the cluster data. Additional cluster members are copied from this template.

* Member name

Select node

ic6Node01(ND 8.5.5.14)

* Weight

2 (0..100)

Generate unique HTTP ports

Add Member

Use the Edit function to modify the properties of a cluster member in this list. Use the Delete function to remove a cluster member from this list. You are not allowed to edit or remove the first cluster member.

Edit Delete



Select	Member name	Nodes	Version	Weight
	IBMConversionMember01	ic6Node01	ND 8.5.5.14	2

Total 1

Previous Next Cancel

Cell=ic6Cell01, Profile=Dmgr01

Create a new cluster

Create a new cluster

Step 1: Enter basic cluster information
 Step 2: Create first cluster member
 Step 3: Create additional cluster members
 → Step 4: Summary

Summary	
Summary of actions:	
Options	Values
Cluster Name	IBMConversionCluster
Core Group	DefaultCoreGroup
Node group	DefaultNodeGroup
Prefer local	true
Configure HTTP session memory-to-memory replication	false
Server name	IBMConversionMember01
Node	ic6Node01(ND 8.5.5.14)
Weight	2
Clone Template	default
Clone Basis	Create the member using an application server template.
Select how the server resources are promoted in the cluster.	cluster
Generate unique HTTP ports	true

Previous | Finish | Cancel

启动所有 cluster

WebSphere application server clusters

Use this page to change the configuration settings for a cluster. A server cluster consists of a group of application servers. If one or more members of the cluster. Learn more about this task in a [guided activity](#). A guided activity provides a list of task steps and instructions.

+ Preferences

New... Delete Start Stop Ripplestart ImmediateStop

Select Name Status

You can administer the following resources:

<input type="checkbox"/>	IBMCConversionCluster	
<input type="checkbox"/>	IBMDocsCluster	
<input type="checkbox"/>	IBMViewerCluster	
<input type="checkbox"/>	ICCluster	

Total 4

06、更改相关配置文件，安装 Conversion server

解压缩 linux 版本的 Conversion 安装介质

```
[root@MiWiFi-R3-srv docs_conversion]# ls
com.ibm.docs.sanity.ear config installer native.zip
com.ibm.symphony.conversion.service.rest.was.ear.ear DocsConversion_Linux_2.0.0.zip License OoO_2.0.0_170718_unixLngi6_install.tar.gz
```

edit the cfg.properties according to your environment:

```
[root@MiWiFi-R3-srv docs_conversion]# cd installer/
[root@MiWiFi-R3-srv installer]# ls
cfg.node.properties conversion install.sh remote_starter.ps1 uninstall.bat upgrade_node.bat vcredist2013_x86.exe
cfg.node.properties.sample end_nfs_task.bat patch remote_starter.sh uninstall_node.bat upgrade_node.sh vcredist_x86.exe
cfg.properties install.bat product remount.bat uninstall_node.sh upgrade.sh version.txt
cfg.properties.sample install_node.bat Python setrights.exe uninstall.sh ut
common install_node.sh python_util.bat start_nfs_task.bat upgrade.bat util
[root@MiWiFi-R3-srv installer]# vi cfg.properties
```

```

由 Xnip 截图
# ****
#
# Licensed Materials - Property of IBM.
#
# IBM Docs Source Materials
#
# (c) Copyright IBM Corporation 2012. All Rights Reserved.
#
# U.S. Government Users Restricted Rights: Use, duplication or
# disclosure restricted by GSA ADP Schedule Contract with
# IBM Corp.
#
# ****
#
# IBM Conversion section
[Conversion]
# conversion_install_root:
# Specify the location where you want to install IBM Conversion service, e.g C:\IBM\IBMConversion on Windows, /opt/IBM/IBMConversion on Linux
conversion_install_root=/opt/IBM/IBMConversion

# docs_shared_storage_type:
# Specify the storage type which you want to share the conversion file with IBM Docs server.
# If you install IBM Docs and Document Format Conversion server in one machine, you should specify this value as "local".
# If you install IBM Docs and Document Format Conversion server on different machines and the remote shared directory is NFS,
# you should specify this value as "nfs". For On-Premise deployment mode, NFS shared storage is not supported to mount automatically,
# please make sure NFS mount is ready before starting Document Format Conversion server. You can follow installation guide to mount it.
docs_shared_storage_type=local

# viewer_shared_storage_type:
# Specify the storage type which you want to share the conversion file with IBM Docs Viewer server.
# If you install IBM Docs Viewer and Document Format Conversion server in one machine, you should specify this value as "local".
# If you install IBM Docs Viewer and Document Format Conversion server on different machines and the remote shared directory is NFS,
# you should specify this value as "nfs". For On-Premise deployment mode, NFS shared storage is not supported to mount automatically,
# please make sure NFS mount is ready before starting Document Format Conversion server. You can follow installation guide to mount it.
# If you use CIFS as shared directory, you should specify this value as "cifs". CIFS automation mount is not supported,
# you need to follow installation guide to mount this type of storage.
viewer_shared_storage_type=local

# docs_shared_storage_local_path:
# The value can be a local directory or a local mount point for a shared remote directory,
# which must point to the same directory specified by shared_data_dir in IBM Docs cfg.properties.
# If the value is a local mount point on Windows, it must be a drive name (such as W:); on Linux, it should be a directory (such as /opt/IBM/docs_shared_data).
docs_shared_storage_local_path=/opt/docs_data

# docs_shared_storage_remote_server:
# The host name or IP address of the remote shared storage server for IBM Docs, valid
# only when docs_shared_storage_local_path points to a driver-based path.
docs_shared_storage_remote_server=nas-docs.ibm.com

# docs_shared_storage_remote_path:
# The shared remote path on the shared storage server for IBM Docs, valid
# only when docs_shared_storage_local_path points to a driver-based path.
docs_shared_storage_remote_path=/opt/docs_data

# viewer_shared_storage_local_path:
# The value can be a local directory or a local mount point for a shared remote directory,
# and must point to the same directory specified by shared_data_dir in File Viewer cfg.properties.
# If the value is a local mount point on Windows, it should be a drive name (such as Y:); on Linux, it should be a directory (such as /opt/IBM/viewer_shared_data).
viewer_shared_storage_local_path=/opt/viewer_data

# viewer_shared_storage_remote_server:
# The host name or IP address of the remote shared storage server for File Viewer,
# valid only when viewer_shared_storage_local_path points to a driver-based path.
viewer_shared_storage_remote_server=nas-docs.ibm.com

# viewer_shared_storage_remote_path:
# The shared remote path on the shared storage server for File Viewer, valid
# only when viewer_shared_storage_local_path points to a driver-based path.
viewer_shared_storage_remote_path=/opt/viewer_data

# The hostname, port and context path for IBM File Viewer
# Input the host address of the load balancing server if the Viewer application is clustered
# Input the host name address of the webseal server when integrate with TAM without SPNEGO
# Single sign-on requires that the browser pass LTPA cookies to WebSphere Application Server.
# These cookies must contain the fully qualified host name, please use fully qualified host name in the url.
viewer_url=https://ic6.ibm.com/viewer

# was_install_root:
# Specify the path of WebSphere Application Server profile used on this server.
# on Linux, the default location is /opt/IBM/WebSphere/AppServer/profiles/AppSrv01
# on Windows, the default location is C:\Program Files\IBM\WebSphere\AppServer\profiles\AppSrv01
was_install_root=/opt/IBM/WebSphere/AppServer/profiles/AppSrv01

# was_soap_port:
# Specify the Deployment Manager SOAP port, default is 8879
was_soap_port=8879

# scope:
# Specify the scope you want the application to be installed, the value can be:
# Server: If you want the application to be installed on a single server
# Cluster: If you want the application to a cluster
scope=Cluster

# scope_name:
# If the scope=Cluster, specify the cluster name
# If the scope=Server, specify the application server name
# you also must specify node_name where the application server is on, if the scope is server
scope_name=IBMConversionCluster

# node_name:
# If the scope=Server, this value must not be empty, must be the node name of the application server is on
node_name=

# sym_count:
# number of symphony process instances
# recommended value is equals to CPU core number of your machine
# for example, the node has 4 CPU, each has 2 cores, the value can be set to 8
sym_count=4

# sym_start_port:
# Specify the starting port number that symphony process can be listening on
# if you have 2 symphony instance, starting port is 8100, then 8100, 8101 will be used
sym_start_port=8100

# decide the software deployment mode, now supports only two options: SC (SmartCloud) and Premise (On-Premise), the default value is 'Premise'
software_mode=Premise

#specified the webserver name to configure the ear application when you have multiple web servers
#the webserver should be managed by your dmgr
#default value is empty
#if you have only one webserver within your cell or you need to configure all webservers within the cell for the ear application,please just let it as default
mpy_value
#if you want to configure only one webserver when you have multiple webservers within your cell, you must select the right one here to configure
#for the webserver outside your cell of the ear application, it will be invalid
webserver_name=
#specified for whether to restart webservers
restart_webservers=True

```

to make the installer executable and run

/install.sh

```
[root@test installer]# chmod -R 755 *
[root@test installer]# ./install.sh
```

总共大约 20 分钟。

```
WAS Administrative Username: wpsadmin
WAS Administrator Password:
2019-07-13 11:23:40,808 INFO Verifying WebSphere SOAP connection and version...
2019-07-13 11:23:55,168 INFO Successfully verify WebSphere SOAP connection and version, ND is True
2019-07-13 11:23:55,168 INFO Verifying WAS server,node,cluster name in the configuration file...
2019-07-13 11:24:09,569 INFO WAS server,node,cluster name are valid.
2019-07-13 11:24:09,569 INFO Verifying the versions of Docs/Conversion/Viewer are the same...
2019-07-13 11:24:09,570 INFO Start to get cell name...
2019-07-13 11:24:09,569 INFO Get cell ic6Cell01 successfully
2019-07-13 11:24:20,388 INFO Docs/Conversion/Viewer version are : 2.0.0.3/2.0.0.3/2.0.0.3
2019-07-13 11:24:20,389 INFO Install root is /opt/IBM/IBMConversion
2019-07-13 11:24:20,390 INFO End preparing conversion service installation
2019-07-13 11:24:20,390 INFO Start installation...
2019-07-13 11:24:20,397 INFO -->IM:CollectClusterInfo
2019-07-13 11:24:20,398 INFO Start collecting cluster informations...
2019-07-13 11:24:51,198 INFO Finish collecting cluster informations...
2019-07-13 11:24:51,200 INFO -->IM:CollectWebserverInfo
2019-07-13 11:24:51,201 INFO Starting to collect WebServer informations...
2019-07-13 11:25:03,406 INFO Successfully collected WebServer informations...
2019-07-13 11:25:03,408 INFO Start to get cell name...
2019-07-13 11:25:14,422 INFO Get cell ic6Cell01 successfully
2019-07-13 11:25:14,422 INFO -->IM:InitialWasData
2019-07-13 11:25:14,433 INFO -->IM:InstallConfigJson
2019-07-13 11:25:14,434 INFO Install ConfigJson for IBM Conversion Server Started
2019-07-13 11:25:14,435 INFO Deleting existing IBMDocs-config/conversion-config.json Properties
2019-07-13 11:25:27,920 INFO No existing conversion-config.json Properties to delete
2019-07-13 11:25:27,920 INFO Deleting existing IBMDocs-config/g1ln/FallBackFontFamily.json Properties
2019-07-13 11:25:41,943 INFO No existing conversion-config.json Properties to delete
2019-07-13 11:25:41,943 INFO Deleting existing IBMDocs-config/g1ln/NonWesternFont.json Properties
2019-07-13 11:25:55,954 INFO No existing conversion-config.json Properties to delete
2019-07-13 11:25:55,954 INFO Deleting existing IBMDocs-config/g1ln/OpenSymbolFont.json Properties
2019-07-13 11:26:09,797 INFO No existing conversion-config.json Properties to delete
2019-07-13 11:26:09,797 INFO Configuring conversion-config.json
2019-07-13 11:26:09,798 INFO Generating config json from ..//config/conversion-config.json to /opt/IBM/IBMConversion/config/conversion-config.json
2019-07-13 11:26:09,799 INFO Creating /opt/IBM/IBMConversion/config/conversion-config.json Properties
```

由 Xnip 截图

```
WAS Administrative Username: wpsadmin
WAS Administrator Password:
2019-07-13 11:23:40,808 INFO Verifying WebSphere SOAP connection and version...
2019-07-13 11:23:55,168 INFO Successfully verify WebSphere SOAP connection and version, ND is True
2019-07-13 11:23:55,168 INFO Verifying WAS server,node,cluster name in the configuration file...
2019-07-13 11:24:09,569 INFO WAS server,node,cluster name are valid.
2019-07-13 11:24:09,569 INFO Verifying the versions of Docs/Conversion/Viewer are the same...
2019-07-13 11:24:09,570 INFO Start to get cell name...
2019-07-13 11:24:20,384 INFO Get cell ic6Cell01 successfully
2019-07-13 11:24:20,388 INFO Docs/Conversion/Viewer version are : 2.0.0.3/2.0.0.3/2.0.0.3
2019-07-13 11:24:20,389 INFO Install root is /opt/IBM/IBMDocsConversion
2019-07-13 11:24:20,390 INFO End preparing conversion service installation
2019-07-13 11:24:20,390 INFO Start installation...
2019-07-13 11:24:20,397 INFO -->IM:CollectClusterInfo
2019-07-13 11:24:20,398 INFO Start collecting cluster informations...
2019-07-13 11:24:51,198 INFO Finish collecting cluster informations...
2019-07-13 11:24:51,200 INFO -->IM:CollectWebServerInfo
2019-07-13 11:24:51,201 INFO Starting to collect WebServer informations...
2019-07-13 11:25:03,406 INFO Successfully collected WebServer informations...
2019-07-13 11:25:03,408 INFO Start to get cell name...
2019-07-13 11:25:14,422 INFO Get cell ic6Cell01 successfully
2019-07-13 11:25:14,422 INFO -->IM:InitialWasData
2019-07-13 11:25:14,433 INFO -->IM:InstallConfigson
2019-07-13 11:25:14,434 INFO Install Configson for IBM Conversion Server Started
2019-07-13 11:25:14,435 INFO Deleting existing IBMDocsConfig/conversion-config.json Properties
2019-07-13 11:25:27,920 INFO No existing conversion-config.json Properties to delete
2019-07-13 11:25:27,920 INFO Deleting existing IBMDocsConfig/glin/FallBackFontFamily.json Properties
2019-07-13 11:25:41,943 INFO No existing conversion-config.json Properties to delete
2019-07-13 11:25:41,943 INFO Deleting existing IBMDocsConfig/glin/NonWesternFont.json Properties
2019-07-13 11:25:55,954 INFO No existing conversion-config.json Properties to delete
2019-07-13 11:25:55,954 INFO Deleting existing IBMDocsConfig/glin/OpenSymbolFont.json Properties
2019-07-13 11:26:19,793 INFO No existing conversion-config.json Properties to delete
2019-07-13 11:26:09,797 INFO Configuring conversion-config.json
2019-07-13 11:26:09,798 INFO Generating config json js from ..config/conversion-config.json to /opt/IBM/IBMDocsConversion/config/conversion-config.json Properties
2019-07-13 11:26:09,800 INFO Creating /opt/IBM/IBMDocsConversion/config/conversion-config.json Properties
2019-07-13 11:26:23,542 INFO Creating ..config/glin/FallBackFontFamily.json Properties
2019-07-13 11:26:27,602 INFO Creating ..config/glin/NonWesternFont.json Properties
2019-07-13 11:26:51,832 INFO Creating ..config/glin/OpenSymbolFont.json Properties
2019-07-13 11:27:05,763 INFO Install Configson for IBM Conversion Server completed
2019-07-13 11:27:05,766 INFO -->IM:SyncNodes
2019-07-13 11:27:05,766 INFO Synchronizing all nodes...
2019-07-13 11:27:18,407 INFO -->IM:SetVariables
2019-07-13 11:27:18,408 INFO Setting Websphere variables...
2019-07-13 11:27:18,408 INFO Setting CONVERSION_INSTALL_ROOT as:/opt/IBM/IBMDocsConversion
2019-07-13 11:27:33,833 INFO Setting DOCS_SHARE as:/opt/docs_data
2019-07-13 11:27:48,833 INFO Setting VIEWER_SHARE as:/opt/viewer_data
2019-07-13 11:28:04,039 INFO Websphere variables set completed
2019-07-13 11:28:04,041 INFO -->IM:SetSecurity
2019-07-13 11:28:04,042 INFO Setting Websphere Security...
2019-07-13 11:28:04,042 INFO Setting appEnabled as:true
2019-07-13 11:28:18,512 INFO Websphere security set completed
2019-07-13 11:28:18,515 INFO -->IM:AddWorkManager
2019-07-13 11:28:18,516 INFO Creating work manager: ConversionWorkManager
2019-07-13 11:28:31,909 INFO -->IM:InstallEAR
2019-07-13 11:28:31,910 INFO Installing IBMConversion EAR application...
2019-07-13 11:29:04,528 INFO Install IBMConversion EAR application completed
2019-07-13 11:29:04,529 INFO -->IM:InstallEAR
2019-07-13 11:29:04,530 INFO Installing IBMConversionSanity EAR application...
2019-07-13 11:29:04,530 INFO Checking IBMDocsSanity EAR application...
2019-07-13 11:29:16,724 INFO The IBMDocsSanity EAR application doesn't exist.
2019-07-13 11:29:37,798 INFO Install IBMConversionSanity EAR application completed
2019-07-13 11:29:37,805 INFO -->IM:SetupDocsAdminJ2CAlias
2019-07-13 11:29:37,805 INFO Start to create IBM Docs Administrator JAAS alias
2019-07-13 11:29:51,713 INFO docsAdmin alias docsAdmin with user wpsadmin already exists. So just to map this alias to the role.
2019-07-13 11:30:08,104 INFO Create IBM Docs Administrator JAAS alias completed
2019-07-13 11:30:08,119 INFO -->IM:TuneJVM
2019-07-13 11:30:08,119 INFO Start to tune JVM parameters
2019-07-13 11:30:08,119 INFO Set JVM parameters:
['initialHeapSize=768', 'maximumHeapSize=2506', 'verboseModeGarbageCollection=true', 'genericJvmArguments=-Djava.awt.headless=true -Xsoftrefthreshold16']
2019-07-13 11:30:24,135 INFO Tune JVM parameters completed
2019-07-13 11:30:24,137 INFO -->IM:TuneLOG
2019-07-13 11:30:24,138 INFO Start to tune LOG parameters
2019-07-13 11:30:24,138 INFO Need not Tune LOG parameters for Promise.
2019-07-13 11:30:24,139 INFO -->IM:SyncNodes
2019-07-13 11:30:24,139 INFO Synchronizing all nodes...
2019-07-13 11:30:36,725 INFO -->IM:StopServer
2019-07-13 11:30:36,726 INFO Stopping the application server...
2019-07-13 11:31:30,644 INFO -->IM:JobManagerAdapter
2019-07-13 11:31:43,778 INFO Preparing remote installers...
2019-07-13 11:31:43,779 INFO Temp dir is /opt/IBM/IBMDocsConversion/temp/20190713_112313
2019-07-13 11:31:48,985 INFO Start remote installation jobs, timestamp 20190713_112313...
2019-07-13 11:45:30,663 INFO Checking remote installation jobs status ...
2019-07-13 11:45:30,663 INFO Installation on node ic6.ibm.com succeed
2019-07-13 11:45:30,670 INFO -->IM:CreateUninstaller
2019-07-13 11:45:30,671 INFO Start to create uninstaller...
2019-07-13 11:45:30,673 INFO Create uninstaller completed
2019-07-13 11:45:30,676 INFO -->IM:AddTag
2019-07-13 11:45:30,677 INFO Start to add tag file
2019-07-13 11:45:30,677 INFO Tag directory ./installer/product/tag is found.
2019-07-13 11:45:30,677 INFO Tag file 1986-03.com.ibm_IBMDocsConversion_Server-2.0.0.swidtag found in ./installer
2019-07-13 11:45:30,678 INFO Tag directory /opt/IBM/IBMDocsConversion/product/properties/version exists, remove it
2019-07-13 11:45:30,678 INFO Create tag directory /opt/IBM/IBMDocsConversion/product/properties/version
2019-07-13 11:45:30,679 INFO Tag file /opt/IBM/IBMDocsConversion/product/properties/version/1986-03.com.ibm_IBMDocsConversion_Server-2.0.0.swidtag found in ./installer
2019-07-13 11:45:30,681 INFO -->IM:StartServer
2019-07-13 11:45:30,682 INFO Starting the application server...
2019-07-13 11:47:39,716 INFO -->IM:MapProxy2WebServer
2019-07-13 11:47:39,716 INFO Configuring WebServer for IBM Docs and Conversion...
2019-07-13 11:47:39,716 INFO map application modules to web server...
2019-07-13 11:48:23,572 INFO Starting to stop webservers...
2019-07-13 11:48:23,572 INFO Stopped webservers successfully...
2019-07-13 11:48:24,978 INFO Generating Webserver Plugin Settings for IBMConversion EAR application...
2019-07-13 11:49:01,738 INFO Successfully Generated Webserver Plugin Settings for IBMConversion EAR application...
2019-07-13 11:49:01,739 INFO Getting Configuration Directory for Remote WebServer plugin-cfg.xml...
plug_cfg_file:
['ic6.ibm.com', '/opt/IBM/WebSphere/Plugins/config/webserver1/plugin-cfg.xml', 'ic6Node01', 'webserver1']
2019-07-13 11:49:15,925 INFO Successfully Got Configuration Directory for Remote WebServer plugin-cfg.xml...
2019-07-13 11:49:15,925 INFO Registering Remote WebServer for JobManager...
2019-07-13 11:49:30,328 INFO Successfully Registered Remote WebServer for JobManager...
2019-07-13 11:49:30,328 INFO Getting proxy server and port info...
2019-07-13 11:49:43,829 INFO Successfully got proxy server and port info...
2019-07-13 11:49:43,829 INFO Getting docs server info...
2019-07-13 11:49:55,318 INFO Successfully got docs server info...
2019-07-13 11:49:55,318 INFO Configuring Webserver Plugin Settings for IBM Docs and Conversion...
proxyServer['hostname']:
ic6.ibm.com
2019-07-13 11:49:55,370 INFO Successfully Configured Webserver Plugin Settings for IBM Docs and Conversion...
2019-07-13 11:49:55,370 INFO Propagating Webserver Plugin Settings for IBMConversion EAR application...
2019-07-13 11:50:11,545 INFO Successfully Propagated Webserver Plugin Settings for IBMConversion EAR application...
2019-07-13 11:50:11,545 INFO Starting webservers...
2019-07-13 11:50:26,772 INFO Started webservers successfully...
2019-07-13 11:50:26,772 INFO Successfully Configured WebServer for IBM Docs and Conversion...
2019-07-13 11:50:26,773 INFO -->IM:END
2019-07-13 11:50:26,773 INFO All installation jobs complete successfully.
2019-07-13 11:50:26,773 INFO Installation Completed Successfully.
2019-07-13 11:50:26,774 INFO -->IM:END
[root@MiWiFi-R3-srv installer]# _
```

重启整个环境，确认 docs 的安装

07、Force SSL 问题

由于在安装 cr5 时候，为了使用 icec，配置了 force SSL，所有在这里 save file 或者 发布新版版本时候，会报错

解决方法：

<https://www-01.ibm.com/support/docview.wss?uid=swg21960053>

[06/05/15 12:56:01:283 BST] 00000145 DocumentCreat E Cannot connect to repository server(SSL issue, etc.)

```
com.ibm.concord.spi.exception.RepositoryAccessException:  
Exception occurred with error code: CLFAD1004, message: Cannot connect to repository  
server(SSL issue, etc.), and additional data:  
{"repo_err_code":"","repo_err_msg":"","docLabel":"test4.xlsx","repo_http_status":1004,"folderU  
ri":"1B9C0308-2E8E-2F74-8025-7D960056D8FD"}  
at  
com.ibm.concord.lc3.repository.LCFilesQCSRepository.processError(LCFilesQCSRepository.jav  
a:336)  
at  
com.ibm.concord.lc3.repository.LCFilesQCSRepository.createDocument(LCFilesQCSRepository.  
java:750)  
at  
com.ibm.concord.lc3.repository.LCFilesCMISRepository.createDocument(LCFilesCMISReposito  
ry.java:85)  
...  
...
```

Cause

HTTP is not allowed in the network, but it is still used in the Connections Docs configuration file when accessing the Files repository.

Resolving the problem

1.

Open <WAS_HOME>/profiles/<DMGR>/config/cells/{cellname}/IBMDocs-config/concord-conf
ig.json and change the protocol
of server_url under com.ibm.docs.repository.files.LCFilesCMISRepository to https.

2. Synchronize nodes.

3. Restart the Docs cluster.

安装 ifix008 补丁

参考这个文档: Docs2.0CR3 升级到 CR3ifix006 手册.docx

```
python applypatch.py -u wpsadmin -p wpsadmin -f  
/opt/IBM/WebSphere/AppServer/profiles/AppSrv01/bin/wsadmin.sh
```

```
[root@MiWiFi-R3-srv docs]# ls  
applypatch.py  DocsApp  DocsCExtension  execwasm.py  PatchGuide.pdf  ViewerLCCustomizeApp  
config.py      DocsConversion  DocsProxyFilter  IBMDocsEOMHelp  Viewer          wsadminLib.py  
[root@MiWiFi-R3-srv docs]# python applypatch.py -u wpsadmin -p wpsadmin -f /opt/IBM/WebSphere/AppServer/profiles/AppSrv01/bin/wsadmin.sh  
It might take a long time to update all applications. Please be patient and wait until the updating is complete.  
2019-07-13 16:20:40,122 INFO Start to update DocsApp.  
2019-07-13 16:22:40,895 INFO DocsApp update successfully.  
2019-07-13 16:22:53,205 INFO Start to update Viewer.  
2019-07-13 16:24:13,927 INFO Viewer update successfully.  
2019-07-13 16:24:26,746 INFO Start to update DocsConversion.  
2019-07-13 16:25:47,649 INFO Stop cluster: IBMConversionCluster  
2019-07-13 16:37:56,103 INFO Checking remote installation jobs status ...  
2019-07-13 16:37:56,103 INFO Upgrade on node ic6.ibm.com succeed  
2019-07-13 16:37:56,103 INFO All conversion nodes update successfully.  
2019-07-13 16:37:56,103 INFO Start cluster: IBMConversionCluster  
2019-07-13 16:38:42,141 INFO DocsConversion update successfully.  
Installation complete. Refer to iFixInstall.log for details.  
[root@MiWiFi-R3-srv docs]# _
```

更新 ViewExtention 文件。

最后, 更新 docs proxy web-plugin (如果你安装了 docs proxy server)

```
[root@MiWiFi-R3-srv webresources]# cd  
/opt/IBM/ConnectionsDocs/DocsProxyInstaller/installer  
[root@MiWiFi-R3-srv installer]# ls  
cfg.properties          cfg.properties.dmz      common        install.sh  uninstall.bat  
update_webserver.bat    upgrade.bat       util         wsadmin.log  
cfg.properties.cluster  cfg.properties.normal  install.bat  proxy      uninstall.sh  
update_webserver.sh     upgrade.sh       version.txt  
[root@MiWiFi-R3-srv installer]# ./update_webserver.sh -acceptLicense  
-bash: ./update_webserver.sh: Permission denied  
[root@MiWiFi-R3-srv installer]# chmod 777 *.*  
[root@MiWiFi-R3-srv installer]#  
[root@MiWiFi-R3-srv installer]#  
[root@MiWiFi-R3-srv installer]# ./update_webserver.sh -acceptLicense  
2019-07-13 17:39:32,992 INFO server scope is Cluster
```

Please enter the WebSphere Proxy Server credentials.

WAS Administrative Username: wpsadmin

WAS Administrator Password:

```
2019-07-13 17:39:52,294 INFO Validating installation prerequisite...
```

```
2019-07-13 17:39:52,295 INFO Start preparing proxy service installation
```

```
2019-07-13 17:39:52,295 INFO Verifying python json parser...
```

```
2019-07-13 17:39:52,296 INFO Verifying proxy server connection and version...
```

```
2019-07-13 17:40:06,086 INFO Successfully verify proxy server connection and version, ND is True, DMZ is False.
```

```
2019-07-13 17:40:06,086 INFO Verifying WAS server, node, cluster name in the configuration file...
2019-07-13 17:40:20,141 INFO WAS cluster name in the configuration file is valid.
2019-07-13 17:40:20,142 INFO Install root is /opt/IBM/ConnectionsDocs/DocsProxy/proxy
2019-07-13 17:40:20,142 INFO End preparing proxy service installation
2019-07-13 17:40:20,142 INFO Start installation...
2019-07-13 17:40:20,145 INFO -->IM:CollectWebserverInfo
2019-07-13 17:40:20,146 INFO Starting to collect WebServer informations...
2019-07-13 17:40:32,294 INFO Successfully collected WebServer informations...
2019-07-13 17:41:45,850 INFO -->IM:MapProxy2WebServer
2019-07-13 17:41:45,850 INFO Configuring WebServer for IBM Docs and Conversion...
2019-07-13 17:41:45,851 INFO map application modules to web server...
2019-07-13 17:41:45,851 INFO Starting to stop webservers...
2019-07-13 17:42:11,770 INFO Stopped webservers successfully...
2019-07-13 17:42:11,771 INFO Generating Webserver Plugin Settings for IBMDocs EAR application...
2019-07-13 17:42:39,682 INFO Successfully Generated Webserver Plugin Settings for IBMDocs EAR application...
2019-07-13 17:42:39,683 INFO Getting Configuration Directory for Remote WebServer plugin-cfg.xml...
plug_cfg_file:
['ic6.ibm.com', '/opt/IBM/WebSphere/Plugins/config/webserver1/plugin-cfg.xml', 'ic6Node01', 'webserver1']
2019-07-13 17:42:52,366 INFO Successfully Got Configuration Directory for Remote WebServer plugin-cfg.xml...
2019-07-13 17:42:52,366 INFO Registering Remote WebServer for JobManager...
2019-07-13 17:43:05,867 INFO Successfully Registered Remote WebServer for JobManager...
2019-07-13 17:43:05,867 INFO Geting proxy server and port info...
2019-07-13 17:43:19,056 INFO Successfully got proxy server and port info...
2019-07-13 17:43:19,056 INFO Geting docs server info...
2019-07-13 17:43:30,730 INFO Successfully got docs server info...
2019-07-13 17:43:30,730 INFO Configuring Webserver Plugin Settings for IBM Docs and Conversion...
proxyServer['hostname']:
ic6.ibm.com
2019-07-13 17:43:30,768 INFO Successfully Configured Webserver Plugin Settings for IBM Docs and Conversion...
2019-07-13 17:43:30,768 INFO Propagating Webserver Plugin Settings for IBMDocs EAR application...
2019-07-13 17:43:46,275 INFO Successfully Propagated Webserver Plugin Settings for IBMDocs EAR application...
2019-07-13 17:43:46,275 INFO Starting webservers...
2019-07-13 17:44:00,376 INFO Started webservers successfully...
2019-07-13 17:44:00,376 INFO Successfully Configured WebServer for IBM Docs and Conversion...
2019-07-13 17:44:00,377 INFO Installation Completed Successfully.
2019-07-13 17:44:00,377 INFO Remove temp dir...
2019-07-13 17:44:00,378 INFO -->IM:END
[root@MiWiFi-R3-srv installer]#
```

更新好后，确认一下 plugin 是否都正常了，我更新后，docs 的 plugin 失效了，需要手动调整一下！