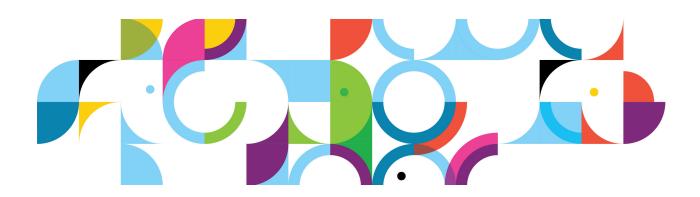
	•••

IBM Connections 4.5 Deployment Scenarios

Deployment Scenarios ERC 1.0



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IBM Connections Migration Guide: 4.0.x to 4.5

About the author



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- 1. Preparing the environment for the Connections installation
- 2. Installing and configuring the HTTP Server and WebSphere plug-ins
- 3. Configuring the HTTP Server for SSL
- 4. Database migration
- 5. Installing IBM Connections

1

Preparing the environment for the Connections installation

Introduction

Installing the WebSphere Deployment Manager with federated AppServer node

- ___1. Copy the WebSphere Network Deployment installation media and the WebSphere supplements installation media to the deployment manager server and extract the files.
- ____2. Start the IBM Installation Manager and from the main menu open **Files > Preferences**.
- ____3. In the Preferences window, select **Repositories**.

	Preferences		
type filter text	d Repositories		φ·φ·•
Repositories Appearance Files for Rollback Help Internet Passport Advantage Updates	Repositories: Location	Connection	Add <u>Bepository</u> Edit Repository. Remove Repository Move Up
			Bove Down Clear Credentials Jest Connections
	Service repositories are remote locations where updat are stored.	d updates.	e Installation Manager itself
۲			OK Cancel

without the prior written permission of IBM.

Figure 1. IBM Installation Manager - Preferences

__4. Click Add Repository, and in the Add Repository dialog, browse to the repository.config file under the location where you extracted the installation media for the WebSphere Application Server Network Deployment, and click OK to add it.

Add Repository		×
Add a repository Specify a repository and add to the repository preference list.		
Repository:		
/root/Downloads/WAS80ND/repository.config	v	Browse
	Cancel	ок

Figure 2. IBM Installation Manager - Add Repository

__5. Click **Apply** to save the changes and **OK** to return to the main Installation Manager window.

lle <u>H</u> elp	IBM Installation Manager	
IBM Installation Manager		
	Install Install software packages.	
	Update Discover and install updates and fixes to installed software packages.	Manage Licenses
	Modify Change installed software packages by adding or removing features and functions.	Roll Back
IBM.		

Figure 3. IBM Installation Manager - Main window

___6. On the main Installation Manager window, click the **Install** icon.

___7. On the Install Packages window, select the IBM WebSphere Application Server Network Deployment package and click Next to continue.

nstall Packages lefect packages to install			4
indulation Packages	Status	Viendur -	License Key Type
2 🔄 🕈 BRI Maliatura Application Served Sedwark Deprisonet	. Lectro	La contra	I construction of the second sec
🖓 🖏 Wrisin 8.0.0.0	Wit be installed	10M	
Show g6 versions			Deck for Other Versions, Rues, and Extensions
etalls			
BM WebSphere Application Server Network Deployment 8.0.0.0 IN WebSphere Application Server Network Deployment is a production the next level in application serving beyond the WebSphere Application	8 -Insetty Java Platform, Enterprise Edition (Java EE) compliant application of 5 Server base edition because it provides advanced with services and its	erver for this deployment of enterpri attenning capabilities. <u>Many John</u>	ar wets services solutions for dynamic e business, it
Netails BM Weldgebere Austinistion Tierver Retriever Deployment & S.B.O. 19 Weldgebere Austinistics Server Network Deployment II a production to the next Newl III application serving beyond the Welfgebree Application Republicly InstitutionentialityWeS304D		erver for the deployment of enterpriv outering capabilities. <u>Marginfla</u>	er welts services solutions für dynamic e business. It

Figure 4. IBM Installation Manager - Install Packages

____8. On the License agreement page, review the licenses. Select I accept the terms in the license agreement if you would like to proceed with the installation, and click Next to continue.

Install Packages		-1
Read the following license	agreements carefully	7
And I THERE	and Locator Nation Locator	17
International Program Lice		
Part 1 - General Terms		
IN DOWNLOADING, INSTAL MEHAUP OF LICENSEE, YOU	LING, COPYING, ACCESSING, CLICKING ON AN VACCEPT BUTTON, OR OTHERWISE USING THE INDICAME, UCENSEE AGREES TO THE TERMS OF THIS AGREEMENT, IF YOU ARE FULL AUTHORITY TO BIND LICENSEE TO THESE TERMS, IF YOU GO NOT AGREE TO THE TERMS, OF THIS AGREEMENT, IF YOU ARE FULL AUTHORITY TO BIND LICENSEE TO THESE TERMS, IF YOU GO NOT AGREE TO THE TERMS, OF THIS AGREEMENT, IF YOU ARE FULL AUTHORITY TO BIND LICENSEE TO THESE TERMS, IF YOU GO NOT AGREE TO THE TERMS, OF THIS AGREEMENT, IF YOU ARE FULL AUTHORITY TO BIND LICENSEE TO THESE TERMS, IF YOU GO NOT AGREE TO THESE TERMS, IF	ARE ACCEPTING THESE TERMS ON
DO NOT DOWNLOAD. INS	TALL COPY, ACCESS, CLICK ON AN "ACCEPT" BUTTON, OR USE THE PROGRAM, AND	
PROMPTLY RETURN THE COMES OF THE PROGRAM.	MUSED HEDIA, DOCUMENTATION, AND PROOF OF ENTITLEMENT TO THE PROFENSION WHOM IT WAS OBTAINED FOR A REFUND OF THE AMOUNT PAIL. IF THE PROCEASE IN	AS DOWN, GADED, DESTROY ALL
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"Authorized Use" - the spe use specified by IBM.	ched level at which Licensee is authorized to execute as not the Program. That level may be measured by number of users, millions of service units ("HSUA"). Processer W	ive Units ("PNUs"), or other level of
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"Wananty Period" - one ye	ar, starting on the date the original Licensee is granied the license.	
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	Int 1 - General Terms, Part 2 - Country-unique Terms (if any), the LL and the ToE and is the complete agreement between Licensee and IBM concerning Licensee's and the Program. The terms of Part 2 may implace or mostly these of Part 1. To the extent of any conflict, the L1 provaib-	
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The Program is swhed by I	IIM or an IIIM supplier, and is copyrightad and Scenael, not sold	
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a. Licensee Ital lawfully ob	cained the Program and compiles with the terms of this Agreement;	
b. the backup copy does n	of execute unless the backed-up Program cannot execute:	
Licensee reproduces all	copyright nutrices and other legends of swmenship on each copy, or pertial copy, of the Program,	
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· groupt the terms in th	e to ense agreement.	.Bwit AA
O I go not accept the terr	ris in the license agreentant	-
	e fax.	Next > Can

Figure 5. IBM Installation Manager - License agreement screen

____9. On the Shared Resources Directory page, use the default value or set a different path for the directory to use for the shared resources, and click **Next** to continue.



Figure 6. IBM Installation Manager - Shared Resources Directory page

____10. On the Package Group options page, use the default value or set a different path for the directory to use for the WebSphere installation.

Install Packages A package group is a location that contains one or more packages. Some compati create a new one.	She peckages can be installed into a common peckage group and will share a common user interface. S	elect an existing package group, at
head Learnin Localize hadan Lorenz	9	
D Drive and a state of the state		
Orate a new package group		
Package Group Name	Installation Directory	Architecture
1 10 301 Weblinkers Apple aller Sarver Network Depayment VII.0	Jan 104 Webber of Automatics	
	198.0	
Rockage Group Name: IBM WebSphere Application Server Network Deployment matahation Genetiany:	ve.a	
	I VE 2 Disk Space Information	fgreat.

Figure 7. IBM Installation Manager - Package Group options page

____11. On the languages selection page, select any other translations that you would like to install and click **Next** to continue.

Install Commission	Licition Peaking Sonno	a_)()			
ranslations					
E Statest	Biabilan Agroupuese	Clech	D Bench	🗋 German	
Bungarian	C Caller	Annual Provinsion	Eorean	Pojsh	
Romanian	Pugstan	Siggliffed Chinese	Seaver.	Taditional Qhinese	

Figure 8. IBM Installation Manager - Languages selection page

____12. On the Packages Selection page, verify the packages to install and click **Next** to continue.

					IBM Installation Menager	
Install Packages			_			
Select the features to in	field.					
legist Line	an Locator	1	termility to	and and		
Testures						
	ere Augstration Serve	A Mataon Ces	manufact \$ 0.0.0			
E TJROvake	tool for pre-838 3.0	roodules				
♥ 🔂 🔂 Stanz-alo	net this cherets, repo	urce stapters i	end embeddable	containers.		
	alone this clients a		aplens.			
	thistore EJB container	ŧ				
	pplcatiens					
V B Satura						
	2-bit SDK for Java, W					
E and	4-bit SDK for Jave. W	erseart 6-				
Ston Separatericies						Expand At Entere Defa
Selected by Installal	tion Manager becaul	ie of dependen	icies			
Details						
Betails IDM WebSphere Appli	cation Server Net	Deark Deploy	mert 8.0.0.0			
IBM WebSphere Appli IBM WebSphere Applicat	tion Server Network	Deployment is	a production-real			plication server to the deployment of enterprise sets services solutions for dynamic e-locamens.
IBM WebSphere Appli IBM WebSphere Applicat	tion Server Network	Deployment is	a production-real		rterpine Edition (java EE) compliant app Javae it provides advanced web services	
IBH WebSphere Appli IBM WebSphere Applicat the next level in applicat	tion Server Network tion serving beyond	Deployment is	a production-real			
IBM WebSphere Appli IBM WebSphere Applicat	tion Server Network tion serving beyond	Deployment is	a production-real			
IGH WebSphere Appli IGM WebSphere Application the next level in application	tion Server Network tion serving beyond whome	Deployment is the WebSpher	a production rea e Application Sen	er baue edition be	Lause it provides advanced web services	
IBM WebSphere Appl IBM WebSphere Applicat the next level in applicat Disk Spece Informatio	tion Server Network tion serving beyond whome	Deployment is the WebSpher Required	a production rea e Application Sen Temporary	er baur edition be Totai	lause it provides advanced welt services Available	
IOM WebSphere Appli IOM WebSphere Applicat the next level in applicat Disk Space Informati Shared Resources Area	tion Server Network tion serving beyond whome	Required 0.0 KB	A production real Application Ser Temporary 936.08 MB	er baur edition be Stai 936.08 MB	aue it provides advanced web services Austable 118.44 GB	
IOM WebSphere Appli IOM WebSphere Applicat the next level in applicat Disk Space Informati Shared Resources Area	tion Server Network tion serving beyond whome	Required 0.0 KB	A production real Application Ser Temporary 936.08 MB	er baur edition be Stai 936.08 MB	aue it provides advanced web services Austable 118.44 GB	
IOM WebSphere Appli IOM WebSphere Applicat the next level in applicat Disk Space Informati Shared Resources Area	tion Server Network tion serving beyond whome	Required 0.0 KB	A production real Application Ser Temporary 936.08 MB	er baur edition be Stai 936.08 MB	aue it provides advanced web services Austable 118.44 GB	

Figure 9. IBM Installation Manager - Install Packages

____13. On the Packages Summary page, verify the correctness of the packages to install and click **Install** to continue.

	M Installation Manager	
Install Packages Review the summary information.		4
Instal _ Location _ Features _ Segments		
Earget Location IBM WebSphere Application Server Network Deployment VE-0 Installation Directory /dot/IBM/WebSphere/Application Server Sharet Resources Directory /opt/IBM/WebSphere/Application		
Packages		
♥ ● BMW WebSphere Application Server Network Deployment ± 0.0.0 C EDDeploy that for pre-EB-2.0 modules ♥ ● Stand-alone Ithin Clients, resource adapters and embeddable containers ● Stand-Alone Ithin Clients and emource adapters ● Embeddable EB container ♥ ● Embeddable EB container ♥ ● BM Safbauer Development Kit ● BM 64-bit SDK for Java, Version 6		
Environment English	Disk Space Information	Rital Austiable Space
		118.44 G
	Total Download Sum: 936.08 MB Total Installation Sum: 1.99 GB	
* Repeatory Information		

Figure 10. IBM Installation Manager - Packages Summary page

_____14. On the Installation Summary page in the "Which program do you want to start?" section, leave the option to its default setting of "Profile Management Tool to create a profile" and click **Finish**.

nstall Packages	
0	The packages are installed. <u>Your Log Fir</u>
The following package was installed.	Which program do you want to start?
See No. BM MethSphere Application Server Network Deployment VB.0 BM MethSphere Application Server Network Deployment 8.0.0.0	Evalue Management, Soit to create a profile. Pratile Management, Boil to create an application server profile for a gavesspinent environment Digine
Note: If the packages support rollance, the temporary directory contains rollback files for indu	their packages. You can denote the files on the <u>files for rolling is</u> preference page.

Figure 11. IBM Installation Manager - Installation Summary page

The WebSphere Customization Toolbox 8.0 application should now start.

>	WebSph	ere Customization Toolbox 8.0	_ = ×
ile <u>Window H</u> elp	(i		
Configuration	ion Migration Tool OProfil	e Management Tool 💮 Welcome	
Profiles			- 0
Profile name	Environment	Profile path	<u>C</u> reate
			(Augment)

Figure 12. WebSphere Customization Toolbox 8.0

____15. In the Profiles section of the WebSphere Customization Toolbox, click **Create**, and in the Environment Selection page, pick **Cell (deployment manager and a federated application server)**. Then, click **Next**.

₽	Profile Management Tool 8.0 X
Environment Selection	a construction of the second s
Select a specific type of envir Environments:	onment to create.
♥ WebSphere Application S	erver
Cell (deployment mm	ager and a federated application server)
Management	
Application server	
Custom profile	
Secure proxy (config	iration-enly)
Description	
A cell environment creates federated to the cell of the	wo profiles; a management profile with a deployment manager and an application server profile. The application server is seployment manager.
	< Back Next > Cancel Einish

Figure 13. Profile Management Tool 8.0 - Environment selection

16. On the Profiles Creation Options page, select the Typical profile creation option and then click Next.

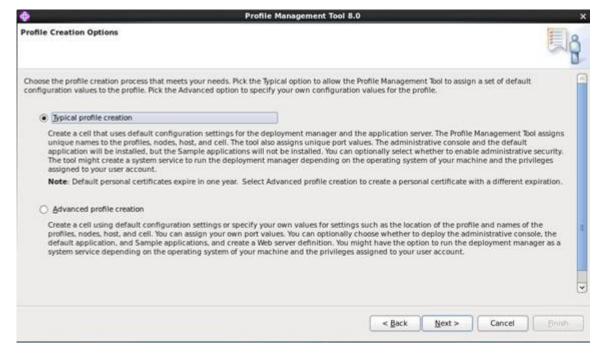


Figure 14. Profile Management Tool 8.0 - Profile Creation Options

____ 17. On the Administrative Security page, make sure that the Enable administrative security option is selected. Complete the user name and the two password fields and click **Next** to continue.

₽	Profile Management Tool 8.0
Administrative	Security
	to enable administrative security. To enable security, supply a user name and password for logging into administrative tools. This ser is created in a repository within the application server. After profile creation finishes, you can add more users, groups, or external
Enable admi	inistrative security
User name:	
wasadmin	
Password:	
Confirm pass	word:
•••••	
	ion center for more information about administrative security. Information center

Figure 15. Profile Management Tool 8.0 - Administrative Security

9

____18. On the Profile Creation Summary page, review the information and click **Create** to complete the profile creation.

Profile Management Tool 8.0	
ofile Creation Summary	
eview the information in the summary for correctness. If the information is correct, click Create to start creating the new profi alues on the previous panels.	lies. Click Back to change
Application server environment to create: Cell (deployment manager and a federated application server)	
Location: /opt/IBM/WebSphere/AppServer/profiles	
Disk space required: 230 MB	
Profile type: Cell deployment manager	
Profile name: Dmgr01	
Make this profile the default: True	
Cell name: dmgrHTTPsrvCell01	
Node name: dmgrHTTPsrvCellManager01	
Host name: dmgrHTTPsrv.mycompany.com	
Deploy the administrative console (recommended): True	
Deploy the default application: True	
Enable administrative security (recommended): True	
Administrative console port: 9060	
Administrative console secure port: 9043	
Bootstrap port: 9809	
SOAP connector port: 8879	
Run deployment manager as a service: False	
Create a Web server definition: False	
< Back Create	Cancel Einish

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Figure 16. Profile Management Tool 8.0 - Profile Creation Summary

____ 19. The Profile Management Tool wizard starts the process of creating the profiles and reports when it completes. On the Profile Creation Complete page, clear Launch the First steps console and click Finish.

Profile Management Tool 8.0	
Complete	
agement Tool created the profiles successfully.	
start the node agent for the federated application server and start the deployment manager.	
ust be started to allow the deployment manager to communicate with the federated application server. Use sphere/AppServer/profiles/AppSrv01/bin directory to start the node agent.	the startNode command in
ent manager so that other nodes can be federated into its cell. After the deployment manager is started, yo	u can administer the nodes tha
stop the deployment manager from the command line or the First steps console. The First steps console also ad other information and features that relate to the deployment manager.	has links to an installation
First steps console.	
Management Tool later, use the PMT command in the app_server_root/bin/ProfileManagement directory or	the option in the First steps
< pack Mext >	Genter Binish
e sta	gement Tool created the profiles successfully. start the node agent for the federated application server and start the deployment manager. Its be started to allow the deployment manager to communicate with the federated application server. Use phere/AppServer/profiles/AppSrv01/bin directory to start the node agent. Int manager so that other nodes can be federated into its cell. After the deployment manager is started, yo top the deployment manager from the command line or the First steps console. The First steps console also d other information and features that relate to the deployment manager. Inst steps console. Inst steps console. Inst steps console.

Figure 17. Profile Management Tool 8.0 - Profile Creation Complete

The Profiles section of the WebSphere Customization Tool should now list two profiles: a Cell application server and a Cell deployment manager.

•		WebSphere Customization	n Toolbox 8.0	- 0
ile <u>W</u> indow <u>H</u> el	p			
😭 🙆 Configura	ation Migration Tool	Profile Management Tool	Welcome	
Profiles				- 6
Profile name	Environment		Profile path	Create
AppSrv01	Cell application) server	/opt/IBM/WebSphere/AppServer/profiles/App	Linner
Dmgr01	Cell deployment	t manager	/opt/IBM/WebSphere/AppServer/profiles/Dmc	Augment_

Figure 18. WebSphere Customization Toolbox 8.0 showing two profiles

Installing and federating a WebSphere AppServer node

- ____1. To install the second AppServer node follow steps 1 19 from the section, Installing the WebSphere Deployment Manager with federated AppServer node.
- ___2. In the Profiles section of the WebSphere Customization Toolbox, click Create and in the Environment Selection page pick Application server and click Next.

\$	Profile Management Tool 8.0
Environment Selection	Contraction of the second s
Select a specific type of envi Environments:	onment to create.
 WebSphere Application Cell (deployment management 	Server nager and a federated application server)
Application servor	
Custom profile	
Secure proxy (confi	uration-only)
	onment runs your enterprise applications. WebSphere Application Server is managed from its own administrative console and orn all other application servers.
	Sack Next > Cancel Einlah

Figure 19. Profile Management Tool 8.0 - Environment Selection

__3. On the Profiles Creation Options page, select the Typical profile creation option and then click Next.

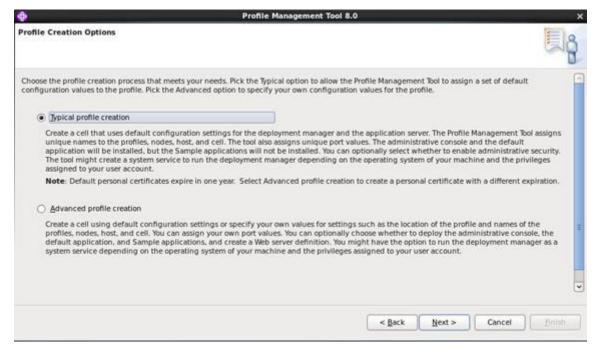


Figure 20. Profile Management Tool 8.0 - Profile Creation Option

_4. On the Administrative Security page, make sure that the Enable administrative security option is selected. Complete the user name and the two password fields and click **Next** to continue.

>	Profile Management Tool 8.0 ×
dministrative Security	
	idministrative security. To enable security, supply a user name and password for logging into administrative tools. This ed in a repository within the application server. After profile creation finishes, you can add more users, groups, or external
Enable administrative	ecurity
User name:	
wasadmin	
Password:	
Confirm password:	
See the information cente View the online informatio	for more information about administrative security.

Figure 21. Profile Management Tool 8.0 - Administration Security

____5. On the Profile Creation Summary page, review the information and click **Create** to complete the profile creation.

Profile Management Tool 8.0	
rofile Creation Summary	
leview the information in the summary for correctness. If the information is correct, click Create to start creating the new j alues on the previous panels.	profiles. Click Back to change
Application server environment to create: Cell (deployment manager and a federated application server)	
Location: /opt/IBM/WebSphere/AppServer/profiles	
Disk space required: 230 MB	
Profile type: Cell deployment manager	
Profile name: Dmgr01	
Make this profile the default: True	
Cell name: dmgrHTTPsrvCell01	
Node name: dmgrHTTPsrvCellManager01	
Host name: dmgrHTTPsrv.mycompany.com	
Deploy the administrative console (recommended): True	
Deploy the default application: True	
Enable administrative security (recommended): True	
Administrative console port: 9060	
Administrative console secure port: 9043	
Bootstrap port: 9809	
SOAP connector port: 8879	
Run deployment manager as a service: False	
Create a Web server definition: False	
< Back Create	Cancel

Figure 22. Profile Management Tool 8.0 - Profile Creation Summary

____6. The Profile Management Tool wizard starts the process of creating the profiles and reports when it completes. On the Profile Creation Complete page, clear **Launch the First steps** console and click **Finish**.

__7. The Profiles section of the WebSphere Customization Tool should now list a single application server profile.

le <u>W</u> indow <u>H</u> elp		trebsphere cus	tomization Toolbox 8.0	- 0
Profile Mar	nagement Tool	Welcome		
Profiles				-
Profile name	Environme	nt	Profile path	Greate
AppSrv01	Application	server	/opt/IBM/WebSphere/AppServer/profiles/App	Augment

Figure 23. WebSphere Customization Toolbox 8.0 showing a single application server profile

- 8. To federate the Application Server Node to the deployment manager, start the Deployment Manager server but not the Application Server on the second Node.
- ____9. On the Application Server Node open a command prompt and change the working directory to /opt/IBM/WebSphere/AppServer/bin.
- ____10. Within this directory run the following command:

```
./addNode.sh <dm_hostname> 8879 -user <dm_admin_username> -password
<dm_admin_username> -localusername <as_admin_username> -localpassword
<as_admin_password>
```

Where:

- <dm_hostname> is the fully qualified domain name of the Deployment Manager.
- <dm_admin_username> is the user name of the Deployment Manager Administrator.
- <dm admin password> is the password of the Deployment Manager Administrator.
- <as admin username> is the user name of the Application Server Administrator.
- <as admin password> is the password of the Application Server Administrator.

If the Application Server is federated to the Deployment Manager correctly, the output should look like the following image:

	root@dmgrHTTPsrv:/opt/IBM/WebSphere/AppServer/bin	>
	View Search Jerminal Help	
	ub120 bin]# ./addNode.shdmgrHTTPsrv.mycompany.com wasadmin	6
	<pre>***** -localusername wasadmin -localpassword ********</pre>	1
ADMU0116I:	Tool information is being logged in file	
	/opt/IBM/WebSphere/AppServer/profiles/AppSrv01/logs/addNode.log	
	Starting tool with the AppSrv01 profile	
WPKI0308I	: Adding signer alias "CN= dmgrHTTPsrv.mycompany.com, OU" to local	
	keystore "ClientDefaultTrustStore" with the following SHA digest:	
DUDUTODOOT	CE:B2:BD:2C:A8:B9:C4:D8:40:41:DC:FE:3E:17:1E:2F:A1:74:6F:84	
	: All signers from remote keystore already exist in local keystore.	
	Begin federation of node mysrvNODE01 with Deployment Manager at dmgrHTTPsrv.mycompany.com:8879	
ADMU00091:	Successfully connected to Deployment Manager Server: dmgrHTTPsrv.mycompany.com:8879	
ADMU0505I:	Servers found in configuration:	
ADMU0506I:	Server name: server1	
	Stopping all server processes for node mysrvNODE01	
ADMU0512I:	Server server1 cannot be reached. It appears to be stopped.	1
	Deleting the old backup directory.	
ADMU00151:	Backing up the original cell repository.	
	Creating Node Agent configuration for node: mysrvNODE01	
	Adding node mysrvNODE01 configuration to cell: mysrvCELL01	
	Synchronizing configuration between node and cell.	
	Launching Node Agent process for node: mvgrvNODE01	
ADMU0020I:	Reading configuration for Node Agent process: nodeagent	
ADMU0022I:	Node Agent launched. Waiting for initialization status.	
ADMU00301:	Node Agent initialization completed successfully. Process id is: 29873	
ADMU0300I:	The node mysrvNODE01 was successfully added to the mvsrvCELL01 cell.	
ADMU0306I:		
ADMU03021:	Any cell-level documents from the standalone pvtdub118Cell01	
	configuration have not been migrated to the new cell.	
	You might want to: Update the configuration on the pvtdub118Cell01 Deployment Manager	
ADM003031:	with values from the old cell-level documents.	
ADMU0306I:	Note:	
	Because -includeapps was not specified, applications installed on	
	the standalone node were not installed on the new cell.	
ADMU0307I:	You might want to:	
	Install applications onto the pvtdub118Cell01 cell using wsadmin	
	\$AdminApp or the Administrative Console.	
ADMU0003I:	Node pvtdubl20Node01 has been successfully federated.	
	ubl20 bin]#	

Figure 24. Command prompt to show the Application Server federation to the Deployment Manager

____11. Restart the Deployment Manager for the changes to load correctly.

Installing and configuring the HTTP Server and WebSphere plug-ins

Setting up the IBM HTTP Server and Web Server plug-ins for WebSphere and the WebSphere Customization Toolbox

- ___1. Start the IBM Installation Manager.
- ____2. From the main menu, select **File > Preferences** and in the Repositories pane click **Add Repository**.

2	Preferences		
type filter text 🛛 🤏	Repositories		ф · ф · •
type filter text Appearance Files for Rollback Help Internet Passport Advantage Updates	Repositories: Location	Connection	Add Bepository Edit Repository Edit Repository Move Up Move Up Move Down Clear Credentials Best Connections
۹	Service repositories are remote locations where updates are stored.	updates.	e Installation Manager itself estore Defaults Apply OK Cancel

Figure 25. IBM Installation Manager - Preferences

17

____3. Browse to the location where you extracted the WebSphere supplements installation media, select the repository.config file, and then click **OK**.

	Add Repository X	*
Add a repository Specify a repository	and add to the repository preference list.	$\phi + \phi + \bullet$
Repository:	innection	Add Repository
/root/Downloads/WA	S80Supp/repository.config	Edit Repository
		Remoye Repository
		Move <u>Up</u>
		Move Down
		<u>C</u> lear Credentials
		Jest Connections
	Cancel OK	
	Service repositories are remote locations where updates or extensions to packages (including are stored.	the Installation Manager itself) Restore Defaults
0		OK Cancel

Figure 26. IBM Installation Manager - Add Repository

___4. Click **Apply** to save the changes and **OK** to return to the main Installation Manager window.

2	IBM Installation Manager	_ D X
file <u>H</u> elp		
IBM Installation Man	ager	
	Install Install Software packages.	
	Update Discover and install updates and fixes to installed software packages. Roll Back	
	Modify Change installed software packages by adding or removing features and functions.	
IBM.		

Figure 27. IBM Installation Manager - Main screen

___5. On the main Installation Manager window, click the **Install** icon.

____6. On the Install Packages window, select **IBM HTTP Server for WebSphere Application Server**, the Web Server Plug-ins for IBM WebSphere Application Server, and the WebSphere Customization Toolbox packages. Then, click **Next** to continue.

	1 and 1	1. Second	I
Installation Packages	Status	Vendor	License Key Type
Application Client for IBM WebSphere Application Server \$\begin{bmatrix} 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 &		IBM	
🗢 🔄 🗉 IEM HTTP Server for Web Sphere Application Server			
🖓 🖏 Version 8.0.0.0	Will be installed	IBM:	
🗢 📋 🏮 IBM WebSphere Application Server Network Deployment	Installed		
Version 8.0.0.0	installed	IBM .	
🔲 🧔 Pluggable Application Client for IBM WebSphere Application Server			
🎔 🛃 🏮 Web Server Plug-Ins for IBM WebSphere Application Server			
🖓 🖏 Version 8.0.0.0	Will be installed	10M	
🗢 😴 🧊 WebSphere Customization Toolbox			
🖓 🖓, Version 8.0.0.0	Will be installed	18M	
Show all versions		Sheck	for Other Versions, Fixes, and Extensions
Details			
BM HTTP Server for WebSphere Application Server 8.0.0.0			
BM HTTP Server for WebSphere Application Server provides advanced web server environment. IBM HTTP Server for WebSphere Application Server is based on Apac		pement and security in a V	BbSphere Application Server
Repository: /root/Downloads/WAS80Supp			

Figure 28. IBM Installation Manager - Install Packages

____7. On the Software License agreement page, review the License Agreements and select I accept the terms in the license agreements. When you are ready, click Next to continue.

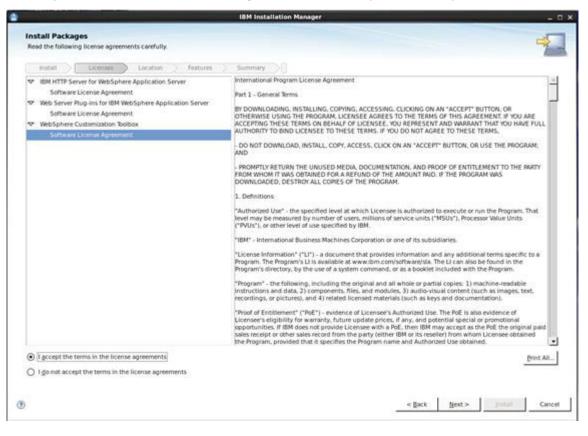


Figure 29. IBM Installation Manager - License agreements page

__8. On the Package Groups options page, review the group entries and verify the installation paths. Then, click **Next** to continue.

ID#1	Installation Manager	-
Install Packages The packages will be installed into the indicated package groups. Select the pa Install Ucersies Location Heatures Source		4
Package Group Name	Installation Directory	Architecture
C	TopUEN/HTTPServer	lease and
Web Server Plug-ins for IBM WebSphere Application Server V8.0 Web Server Plug-ins for IBM WebSphere Application Server 8.0.0.0 WebSphere Customization Toolbox V8.0 WebSphere Customization Toolbox 8.0.0.0	/opt/IBM/WebSphere/Plugins /opt/IBM/WebSphere/Toolbox	
Package Group Name: IBM HTTP Server V8.0		
Installation Directory: //opt/IBM/HTTPServer		Browse
Details	Disk Space Information	
Shared Resources Directory: /opt/IBM/IMShared	Volume Available Space / 115.66.68	
	< gack	Next > mutal Cance

Figure 30. IBM Installation Manager - Installation paths verification

___9. On the Features selections page, verify the components that you would like to install and click **Next** to continue.

			10	M Installation M	anager		-
Install Packages							-
Select the features to ins	tall.					-	2
							1
Install Licens	es) Los	ation Dillfest	nores 🔰 Sur	nmiaty.			
Features		The second second					
C E I IBM HTTP Serv	er for Vieb Spin	ere Application Ser	ver 8.0.0.0				
V 🖃 🖏 Architectu	re Selection		Contra to Contra				
Card and a set of the		it with Java, Version	16				
	TP Server 64-b	it with Java, Version	16				
V E Veb Server Pi				0			
V E S IBM Runtin	STATISTICS CONTRACT						
		nvironment for Java	Wersion 6				
the second se		nvironment for Jaw					
V 🖓 🚺 WebSphere Cu		ALCONTRACTOR OF					
	Plug-ins Conf						
Control Contro	agement Tool						
1220 - 90099000	tion Managem	1200 A 660 C					
Show dependencies Selected by Installation	on Manager be	scause of depender	icles			Expand All Collapse All Bestore Default	•
Details							
IBM HTTP Server for V	Veb5phere A	pplication Server	8.0.0.0				
IBM HTTP Server for Web5 environment, IBM HTTP S						nent and security in a WebSphere Application Server	
Disk Space Informatio	n						
	Volume	Required	Responsely	Total	Available		
Shared Resources Area	1	0.0 KB	236.00 MB	236.00 MB	115.66 G8		
Installation Directory	1	617.06 MB		617.06 MB	115.66 GB		
						< Back Next > 100000 (ance

Figure 31. IBM Installation Manager - Components verification

____10. In the Web Server Configuration, use the default value of 80 unless it is necessary to run the HTTP server on a different port. Click **Next** to continue.

	IBM Installation Manager _ 🗆
Install Packages Fill in the configurations for the package Install Ucenses Loca	
▼ 10 IBM HTTP Server for WebSphere J → Web Server Cooliguration	Specify a pot number for IBM HTTP Server to communicate. The default port is 80. If the default port is already in use, then change to another port that is aviable. Running IBM HTTP Server without root or Administrative privileges might restrict use of ports below 1024. HTTP port: 80
J	< Back Best > Cancel

Figure 32. IBM Installation Manager - Web server configuration

____11. On the Packages Summary page, verify the correctness of the packages to install and click **Install** to continue.

IBM	Installation Manager	
install Packages		
Review the summary information.		7
Install D Licenses D Location D Features Sum		
	mary	
Target Location Shared Resources Directory: /opt/IBM/IMShared		
Packages		
Packages	Installation Directory	1
Pickages	AppUIUM/HTTPSmerr	
Construction C	/opt/IBM/WebSphere/Plugins	
Environment	Disk Space Information	
English		Total Available Space
	1	115.66 GB
	Total Download Size: 82.16 M8 Total Installation Size: 520.39 M8	
Repository Information		
		first Install Cance

Figure 33. IBM Installation Manager - Packages Summary page

12. The wizard installs the packages and displays the Installation Summary page. Make sure that all packages installed correctly. In the "Which program do you want to start?" section, make sure that the WebSphere Customization Toolbox option is selected and click Finish to exit the wizard.

	IBM Installet	Jon Manager	- 0
Install Packages			-
	The packages	are installed. <u>View Log File</u>	
The following package	s were installed.	Which program do you want to start?	
 ♥ % Web Server Plu Ø Web Server ♥ % WebSphere Cu 	er V8.0 erver for WebSphere Application Server 8.0.0.0 g-Ins for IBM WebSphere Application Server V8.0 Plug-Ins for IBM WebSphere Application Server 8.0.0.0 stomization Toolbox V8.0 Customization Toolbox 8.0.0.0	WebSphere Customization Toolbox O <u>Bone</u>	-
Note: If the packages so page.	pport rollback, the temporary directory contains rollback t	lies for installed packages. You can delete the files on the files for rollback preference	
			Bnish

Figure 34. IBM Installation Manager - Install Packages page

____13. The WebSphere Customization Toolbox should now start. In the Web Server Plug-in Configuration section, click **Create**.

in the manage	ement Tool 🚫 Web S	erver Plug-ins Configuration Tool 💮 Welcome	
Web Server Plug-in R	untime Locations		- 1
Name		Location	A <u>d</u> d
dmarHTTPsrv		/opt/IBM/WebSphere/Plugins	Remove
			Roadmap
4			
	onfigurations 🕥 Wel	b Server Plug-in Response File	•
Web Server Plug-in Co			
Web Server Plug-In Co Web Server Definition	Web Server Type	Plug-in Configuration File	Create

Figure 35. WebSphere Customization Toolbox 8.0

____14. On the Web Server Selection page, select **IBM HTTP Server V8** and click **Next** to continue.

Deb Server Plug-ins Co	nfiguration Tool 8.0	>
Web Server Selection		9
Select the Web server to configure. Verify that the Web server you select to con	nfigure has been installed.	
IBM <u>H</u> TTP Server V8		
O Apache Web Server V2.2		
O Lotus Domino Web Server V8		
O Lotus Domino Web Server V7		
O Sun Java System Web Server V6.1 or Sun Java System Web Server V7.0		
	< Back Next > Canc	el (Einish)

Figure 36. Web Server Plug-ins Configuration Tool 8.0 - Web Server Selection

____15. On the Web Server Architecture Selection page, select the correct bit value for your installation environment.

Web Server Architecture Selection	
	E Contraction of the second se
Select the architecture of your installe	d target web server.
○ <u>3</u> 2 bit	

Figure 37. Web Server Plug-ins Configuration Tool 8.0 - Web Server Architecture Selection

____16. On the Web Server Configuration File Selection page, verify that the path to the httpd.conf file is correct and that the port is the same as previously set in Step 10.

0	Web Server Plug-ins Configuration Tool 8.0	×
Web Server Configuration	File Selection	B
Select the Web server config Select the existing IBM HTTP	uration file and identify the Web server port to configure the Web server definition. Server httpd.conf file:	
/opt/IBM/HTTPServer/conf/h Specify the Web server port: 80	ttpd.conf	Browse
	< Back Next > Cance	etBhish

Figure 38. Web Server Plug-ins Configuration Tool 8.0 - Web Server Configuration File Selection

____ 17. On the Setup IBM HTTP Server Administration Server page, leave the default port value unaltered unless it is necessary to run the HTTP Administration Server on a different port. Complete the User ID and the two password fields. Then, click **Next** to continue.

	Web Server Plug-ins Configuration Tool 8.0	
etup IBM HTTP Server Administration S	erver	
	o administer the Web server. You can manage the Web server from a WebSphere Server administrative server to control the communication between them.	Application Server
Setup IBM HTTP Server Administration Ser	ver	
	administation server to communicate. The default port is 8008. If the default por le. Running IBM HTTP Server administation server without root or Administrative	
8008		
	o authenticate to the I8M HTTP Server Administation Server from the WebSphere sword is encrypted and stored in the conf/admin.passwd file. You can create ad	
the configuration by using the htpasswd of	ibety.	iditional user its arte
		iditional user it/s arte
the configuration by using the htpasswd of		iditional user iUs arte
the configuration by using the htpasswd of Create a user ID for IBM HTTP Server A	dministration Server authentication	randonal user iUs arte
the configuration by using the htpasswd of Greate a user ID for IBM HTTP Server A User ID:	dministration Server authentication	ranonal user ius arce
the configuration by using the htpasswd of Create a user ID for IBM HTTP Server A User ID: Password:	dministration Server authentication	orioonal user ius arce

Figure 39. Web Server Plug-ins Configuration Tool 8.0 - Setup IBM HTTP Server Administration Server

____18. On the Setup IBM HTTP Server Administration second page, set the User ID and Group for the HTTP Administrator system account and click **Next** to continue.

•	Web Server Plug-ins Configuration 1	Tool 8.0
etup IBM HTTP Server	Administration Server	
	nd group. The user ID is granted write access to IBM HTTP Server, If the user ID or group does not exist on the system, then choose	
User ID:	lihsadmin	-
<u>G</u> roup:	[ihsadmin]	-
Create a new unique	ystem user ID and group using the credentials.	
		< <u>Back Next</u> > Cancel <u>Botth</u>
	-	

Figure 40. Web Server Plug-ins Configuration Tool 8.0 - Setup IBM HTTP Server Administration Server

____19. In the Web Server Definition Name, specify a name for the web server or use the default value and click **Next** to continue.

\$	Web Server Plug-ins Co	nfiguration Tool 8.0	×
Web Server Definition I	ame		
	nique because this name is used to identify this We	Application Server administrative console or the wsadmin tool eb server in the administrative console.	l. The
webserver1			
The Web server definition $/ \setminus *, : : = + ? < > & \%$ Note: a period(.) is not val		ne following special characters or space:	
		< Back Next > Cancel	Enish

Figure 41. Web Server Plug-ins Configuration Tool 8.0 - Web Server Definition Name

____ 20. On the Configuration Scenario Selection page, select (Remote) Host name or IP address of the application server and enter the fully qualified domain name of the Deployment Manager. Then, click Next to continue.

₽	Web	Server Plug-Ins Configuratio	n Tool 8.0	×
Configuration Scenario	Selection			B g
computer, choose the re configuration scenario. I Configuration scenario	mote configuration scenario. Wh	hen both Web server and applica river definition you create in this	he Web server and application ser bion server are on the same comp wizard is defined automatically in	uter, choose the local
		on server		
dmgrHTTPsrv.myc	ompany.com			
(Local) Installation	location of WebSphere Applicat	tion Server		
1				
				Brginse
For the remote configura	ation scenario, the host name mu	nust be accessible on the network	through one of the following add	dress formats:
Fully qualified domain n The default short DNS h Numeric IP address	ame system (DNS) host name ost name			
			< Back Next >	Cancel Brish
			a (14) p.c	

Figure 42. Web Server Plug-ins Configuration Tool 8.0 - Configuration Scenario Selection

____21. On the Plug-in Configuration Summary page, review the information and click **Configure** to continue.

Web Server Plug-ins Configuration Tool 8.0		
lug-In Configuration Summary		
Manual configuration steps are required before starting the Web server. Follow the configuration procedure in the Web Server Plug-in Configuration Roadmap. Afterwards, you may start up your Web server and application server to test your configuration.	4	
Web server to configure:		
IBM HTTP Server V8		
Web server definition:		
dmgrHTTPsrv		
Plug-in configuration file:		
/opt/IBM/WebSphere/Plugins/config/pvtdub118/plugin-cfg.xml		
4	>	
< Back Configure > Cancel	Bolsh.	

Figure 43. Web Server Plug-ins Configuration Tool 8.0 - Plug-in Configuration Summary

____22. On the Plug-in Configuration Result page, clear Launch the plug-in configuration roadmap and click Finish to continue.

B a
12
n
1.1

Figure 44. Web Server Plug-ins Configuration Tool 8.0 - Plug-in Configuration Result

The Web Server Plug-In Configurations and the Web Server Plug-In Runtime Locations sections should now list a single IBM HTTP Server each.

😭 🛞 Profile Manage	ment Tool 🚫 Web S	erver Plug-ins Configuration Too	Welcome	
Web Server Plug-in Ru	intime Locations			- (
Name		Location		A <u>d</u> d
dmgrHTTPsrv		/opt/IBM/WebSphere/Plugins		Bemove
				Roadmap.
Web Server Plug-in Co	infigurations 🔕 We	b Server Plug-in Response File		
Web Server Plug-in Co Web Server Definition	Infigurations SWe	b Server Plug-in Response File	<u>_</u>	1

Figure 45. Web Server Plug-ins Configuration Tool 8.0 - Web Server Plug-In Configurations and Web Server Plug-In Runtime sections listing a single IBM HTTP Server each

____23. Close the WebSphere Customization Toolbox.

Configuring the HTTP Server for SSL

Creating a self-signed SSL certificate



If you are going to use a certificate signed by a certificate authority for your deployment, then it is not necessary to generate a self-signed SSL certificate. To accept a certificate authority signed certificate, see Receiving a signed certificate from a certificate authority,

http://pic.dhe.ibm.com/infocenter/wasinfo/v8r0/index.jsp?topic=/com.ibm.websphere. ihs.doc/info/ihs/ihs/welc_ikeymangui.html.



1. To generate a self-signed certificate, log in to the HTTP server host as root and open a command prompt. Change working directory to /opt/IBM/HTTPServer/bin and run ./ikeyman to start the IBM Key Management tool.

	IBM Key Management	
key Database <u>F</u> ile <u>C</u> reate <u>V</u> iew <u>H</u> elp		
DB-Type:	Key database information	
File Name:		
Token Label:		
	Key database content	
Personal Certificates		Rece <u>i</u> ve
		Delete
		Vie <u>w</u> /Edit
		Import
		Recreate Request
		Rename
		New Self-Signed
		Extract Certificate

Figure 46. IBM Key Management

2. From the main menu, select **Key Database File > New**.

____3. Give a name for the key database file and set the path to where you would like to store this file.

	New	
<u>K</u> ey database type	CMS	
<u>F</u> ile Name:	dmgrHTTPsrv.kdb	<u>B</u> rowse
Location:	/opt/IBM/HTTPServer	
	OK Cancel	

Figure 47. IBM Key Management - New file

4. When you click **OK** in the New key database field dialog, you are asked to enter a password to protect the file. Enter a password, check off the option **Stash password to a file** and click **OK**.

	Password Promp	t X
<u>P</u> assword:	•••••	
Co <u>n</u> firm Password:		
■ Expiration time ✓ Stash password	60 to a file	<u>D</u> ays
<u>0</u> K	<u>R</u> eset	<u>C</u> ancel

Figure 48. IBM Key Management - Password Prompt

____5. The tool returns to the main panel of the Key Management utility with the new file opened.

U	IBM Key Management - [/opt/IBM/HTTPServer/ dmgrHTTPsrv.kdb	- 0
	le <u>C</u> reate <u>Y</u> lew <u>H</u> elp	
🗋 🥔	🖬 😤 🕅 💶	
	Key database information	
B-Type:	CMS	
ile Name:	/opt/IBM/HTTPServer/dmgrHTTPsrv.kdb	
oken Labet		
	Key database content	
Personal Certi	licates	Receive
		Delete
		View/Edit
		Import
		Recreate Request
		Recregte Request

Figure 49. IBM Key Management - Main panel

____6. Click **New Self-Signed** and enter the required information into the Create New Self-Signed Certificate window and click **OK**.

<u>K</u> ey Label		SelfSignedCertificate
<u>/</u> ersion		X509 V3 🔻
K <u>e</u> y Size		1024 💌
<u>S</u> ignature Algorithr	n	SHA1WithRSA 👻
Co <u>m</u> mon Name	(optional)	dmgrHTTPsrv.mycompany.com
Or <u>g</u> anization	(optional)	
Or <u>ga</u> nizational Uni	t (optional)	
ocality	(optional)	
S <u>t</u> ate/Province	(optional)	
<u>Z</u> ipcode	(optional)	
Co <u>u</u> ntry or region	(optional)	
/al <u>i</u> dity Period		365 Days
Subject Alternative	Names	
Email A <u>d</u> dress	(optional)	
I <u>P</u> Address	(optional)	
DNS Name	(optional)	

Figure 50. IBM Key Management - Create New Self-Signed Certificate

____7. The tool returns to the main panel of the Key Management utility with the new self-signed certificate shown under the Key database content panel. Exit the Key Management Utility and proceed to configuring the HTTP server to use this certificate.

iion it Receive
at
at
▼ Recejve
Delete
Vie <u>w</u> /Edit_
Export/Import
Recreate Request
Rename
New Self-Signed
Extract Certificate

Figure 51. IBM Key Management - Main panel

Adding the self-signed certificate to the HTTP server

- ___1. Open the httpd.conf file under the /opt/IBM/HTTPServer/conf directory.
- ___2. Enter an SSL virtual host stanza before the LoadModule was_ap22_module and WebSpherePluginConfig sections:

```
LoadModule ibm_ssl_module modules/mod_ibm_ssl.so
Listen 443
<VirtualHost *:443>
SSLEnable
</VirtualHost>
SSLDisable
KeyFile "/opt/IBM/HTTPServer/key.kdb"
```

____3. Save the file and restart the server. The server should now allow SSL connections

Setting up the IBM HTTP Server on Deployment Manager

1. Log in to the Deployment Manager console by using the WebSphere Application Server Administrator credentials and go to System administration > Nodes and then click Add Node. Select Unmanaged node from the list and click Next to continue.

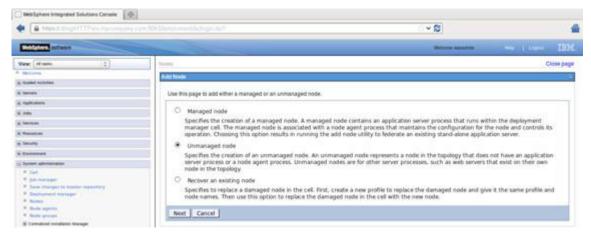


Figure 52. WebSphere Integrated Solutions Console

_2. On the Node configuration screen, enter the Name, the Host Name, and Platform Type of the server, and click **Apply**. Then, click **Save**.

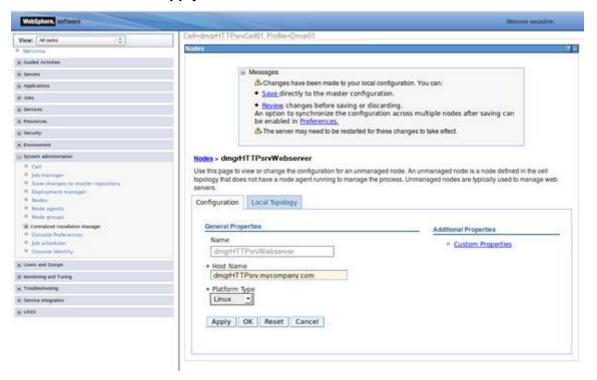


Figure 53. WebSphere Integrated Solutions Console - Node configuration screen

The Nodes list should now display the newly added webserver node.

WebSphere, software				Welcome v	estadetiti ()	
View: (At tasks 0)	Cell-dmart1TTPsrvCe801, Profile=Dr	Cell-dmarh1TPsrvCe801, Profile=Dmar01				
Welcome	Nodes					
* Guided Activities						
Al Servera	 Messages Successfully initiated synchronization of the repository on node pvidub120Node01 with the deployment manager's repository. 					
£ Applications						
al Jobe						
T perios						
E Residents	 Milling and a second sec	Nodes Use this page to manage nodes in the application served environment. A node contesponds to a physical computer system with a distinct IP nost address. The following table lists the managed and unmanaged nodes in this cell. The first node is the deployment				
± Senalty						
A Environment	manager. Add new nodes to the cell.				de a fridancia.	
System administration	I Preferences					
# Cell # Job manager	Add Node Remove Node	Force Delete Synchronize	Full Resynchr	onize Stop		
 Save changes to master repository 				and a start of a		
 Deployment manager 	0074					
* Nodes	Select Name C	Host Name C	Version C	Discovery Protocol C		
# hode agents	You can administer the following resources:					
# Node presps	You can administer the following re-	isources:			Status G	
 Node proces Controlized installation Manager 	You can administer the following re dmrgHTTPanCellManager01	in the second seco	ND 8.0.0.0	TCP	Status G	
* Nucle proups		in the second seco		TCP TCP	7/1	
Koole groups Scentralized installation Manager Controlle Parliameness	dmrdHTTPar/Cel/Manazer01 dmgrHTTPar/Node01	gmigHTTParv mycompany.com dmigHTTParv mycompany.com	ND 8.0.0.0	0772.1	1.77	
Koole groups Controllation Manager Controller Preferences Politischer	dmgHTIPanCetManage02 dmgHTIPanNode01 dmgHTIPanWebserver	dmrgHTTPsv mycompany.com dmrgHTTPsv mycompany.com dmrgHTTPsv mycompany.com	ND 8.0.0.0 Not applicable	TCP TCP	0	
Kode proups Konstantin Manages Constant Professores Interfactuation Constant Manages Usess and Onage	dmrdHTTPar/Cel/Manazer01 dmgrHTTPar/Node01	gmigHTTParv mycompany.com dmigHTTParv mycompany.com	ND 8.0.0.0	TCP	•	
Kode groups Konstantin Valenge Consult Professore South Professore South Statistics Consult Meeting	dmgHTIPanCetManage02 dmgHTIPanNode01 dmgHTIPanWebserver	dmrgHTTPsv mycompany.com dmrgHTTPsv mycompany.com dmrgHTTPsv mycompany.com	ND 8.0.0.0 Not applicable	TCP TCP	0	

Figure 54. WebSphere Integrated Solutions Console - Nodes list

____3. In the console, go to Servers > Server Types > Web servers and select New. Select the previously created web server node, enter a Server name, and for type, select IBM HTTP Server. Click Next to continue.

View: Atrasks	Cell-dmarHTTPsrvCell01, Prv	stie-Dmgr01
4 Valiana	Create new Web server definit	ian /.
a Godel Activities	Use this page to create a new	r web server.
Some saryon Some saryon Some types WateSphere application servers Generic servers Generic servers WateSphere MQ revers WateSphere MQ revers	→ Etep 1: Salect a node for the Web server and select the Web server type. Step 2: Select a Web server template Eleo 3: Eleo 1: El	Select a node for the Web server and select the Web server type Select a node that corresponds to the Web server you want to add. Select node dmsgHTTPsr/Webserver • • Server name dmsgHTTPsr/ • Type
★ Applications	Step 4: Confirm new Web server	IBM HTTP Server
i Sevice	Next Cancel	

Figure 55. WebSphere Integrated Solutions Console - Select a node for the Web server and the Web server type

____4. In the web server template selection page, keep the default IHS option and click Next.

WebSphere, software					Wrephe woodhin	
View: Al tasks	Cell-dmarHTTParyCell01, Proble=Dmar01					
* Welcome	Create new Web server definiti	Create new Web server definition				
a Guided Activities						
a servers	Use this page to create a new web server.					
· New server	Bilep 1: Soliect a node for the Web server and select the Web server type	Select a	Web server template			
 WebSphere application servers 					erver that you want to create.	
WebSphere provy servers General servers						
 Mersion 5 (NE servers) 	. Step 2: Select a	1	<u>.</u>		12 MARSH 2010	
 WebSphere MO servers Web servers 	Web server	Select	Template Name	Type	Description	
ik Chains	templater	۲	HS	System	The IHS Web Server Template	
E Dalaform	Step 3: Enter the	-			All .	
B Care Groups	properties for the new Wob server					
r, Applications	And the second second second second					
E Jobs	Step 4: Confirm new Web server					
E Services		-				
K Resources	Previous Next Can	cel				
a becatly	a set of the set of the set of the					

Figure 56. WebSphere Integrated Solutions Console - Select a Web server template

___5. On the Web server properties page, enter the correct properties for the HTTP server and click **Next** to continue.

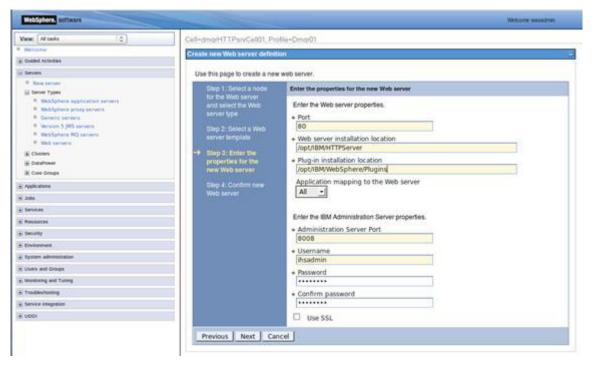


Figure 57. WebSphere Integrated Solutions Console - Enter properties for the new Web server

__6. On the Summary of actions page, review the information. Click **Finish** and then **Save** to complete the web server definition.

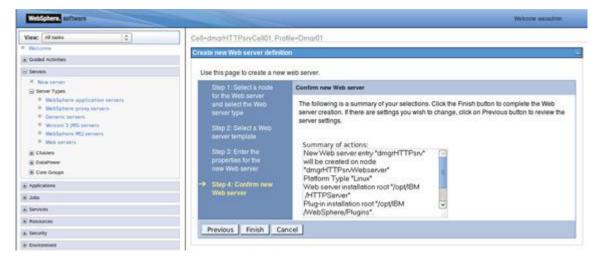


Figure 58. WebSphere Integrated Solutions Console - Confirm new Web server

Database migration



Requirements

All the applications databases to be migrated must be at Connections version 4.0 level. Moreover, the Homepage and Metrics databases require schema upgrades that are based on the 4.0 Cumulative Refresh updates 2 and 3 as outlined in this following technote: http://www-01.ibm.com/support/docview.wss?uid=swg21616619

The DB2 database server requires certain kernel parameters to be set on the system. Make sure that your DB2 host has set the following required kernel parameters:

• Kernel parameter requirements (Linux), http://pic.dhe.ibm.com/infocenter/db2luw/v10r1/topic/com.ibm.db2.luw.qb.server. doc/doc/c0057140.html

You do not need to repopulate the Profiles database by using the Tivoli Directory Integrator. The database is already populated from the 4.0 installation and it is migrated to 4.5 by the Connections database wizards.

Upgrading existing 4.0.x databases to 4.5

- ____1. Copy the Connections 4.5 wizard from the installation media to the DB2 server.
- ____2. Change ownership of the Wizards files to the DB2 instance owner.
- ___3. Log in to the database server as the DB2 instance owner and make sure that the DB2 server is running.
- ____4. On a command prompt, change the working directory to the Wizards directory and start the wizard by running the dbWizard.sh script.

____5. The database wizard for IBM Connections 4.5 should now start. Click **Next** to continue.

٥	Database wizard for IBM Connections 4.5	- 0)
Database wizard for	IBM Connections 4.5	1
This wizard can create	, delete or update the IBM Connections databases.	
To access information a	about this product, see the IBM Support Web site:	IEM.
http://www-10.lotus.c	om/ldd/lcwiki.nsf/dx/Installing_ic40	
To continue, click Next	ę	
Licensed Materials - Property	of IBM License L-JYUR-AVNPYJL-JRCI-BBWIMD	
States, other countries, or both the Web at www.ibm.com/legal	nd its licensors 2007, 2012. All Rights Reserved. BM, the BM logo. Ibm.com and Lotus are trademarks of IBM Corporation in the United . Other company productor service names may be trademarks or service marks of others. A conventiest of BM trademarks is available on licepythale shtml. U.S. Convensent Users Restricted Rights: Use, duplication or disclosure restricted by GSA ADP. Schedule Contract with us page for larther information.	
	Back Next	Cancel

Figure 59. Database wizard for IBM Connections 4.5

____6. On the Database task selection page, select the **Update operation only for IBM Connections database 4.0 to 4.5** option and click **Next** to continue.

Database task selection	Database wizard for IBM Connections 4.5	- 0 >
Select the database task:		
⊖ Create		IBM.
O Delete		· · · · · · · · · · · · · · · · · · ·
Update operation or	ly for IBM Connections database 4.0 to 4.5	
C shareshares		
	Back	Gancel
	· · · · · · · · · · · · · · · · · · ·	

Figure 60. Database wizard for IBM Connections 4.5 - Database task selection

____7. On the database selection page, select the DB2 Universal Database[™] option. Set the correct database installation location and the correct database instance name, and click Next to continue.

	Database wizard for IBM Connections 4.5		- 🗆 X
Database selection			
Select the database type, in	stallation location, and database instance.		
DB2 Universal Databa Oracle Enterprise Edit			IBM.
Database installation location	9 0 :		
/opt/ibm/db2/V10.1		Browse	
Database instance:			
db2inst1			
	Back	Next	Cancel

Figure 61. Database wizard for IBM Connections 4.5 - Database selection

___ 8. On the Applications selection page, select all the Applications that must be upgraded to 4.5 and click Next to continue.

5. You cannot select applica	ich you want to update databases. The tions that do not have version 4.0 data t for update of Cognos database.	wizard updates release 4.0 databases to bases.	o release
Applications	Current Version	New Version	
Activities	4.0.0	4.5.0	
Blogs	4.0.0	4.5.0	
Bookmarks	4.0.0	4.5.0	1 E
Communities	4.0.0	4.5.0	
🗹 Files	4.0.0	4.5.0	
Forums	4.0.0	4.5.0	3
🗹 Home page	4.0CR2	4.5.0	
Metrics	4.0CR3	4.5.0	
✓ Mobile	4.0.0	4.5.0	2
	4.0.0	4.5.0	. 🖸

Figure 62. Database wizard for IBM Connections 4.5 - Applications selection

9. In the database communication properties page, set the correct parameters and password for your database instance, and click **Next** to continue.

9	Da	tabase wizard for IBM C	onnections 4.5		- 🗆 🗙
Database communicati	on properties				1
databases. The following	rties. The wizard uses this eature(s) need(s) extra up	s information to connect to t pdate	he database and update aj	oplications	751/
Database name:					111171 o
HOMEPAGE					
Local host name:					
localhost					
Port:					
50000					
Administrator ID:					
db2inst1					
Password:					
·····					
			Back	Next	Cancel

Figure 63. Database wizard for IBM Connections 4.5 - Database communication properties

____ 10. On the Pre-configuration tasks summary page, review the migration tasks for the wizard to run. Click Update to start the migration process or select Show the detailed database commands if you would like to see the list of the scripts for the wizard to run.

۵	Database v	vizard for IBM Connections 4.5		- 0
Pre-configuration task s	ummary			
IBM Connections is ready t	o update databases for the follow	ing applications.		
Action: Update IBM Conne Database type: DB2 Unive Database install location: / Database install location: / Database install location: / Patabase instance: db2ins The selected applications i Profiles, Wikis	rsal Database (TM) opt/ibm/db2/V10.1 t1	Communities, Files, Forums, Home page	. Metrics, Mobile,	IBM.
Activities Database name: OPNACT Version update: 4.0.0->4. Sql scripts to run: upgrade Note:				
Blogs Database name: BLOGS Version update: 4.0.0->4. Sql scripts to run: upgrade Note:				
Bookmarks Database name: DOGEAR Version update: 4.0.0->4. Sql scripts to run: upgrade Note:				
Show the detailed data	base commands.		0	
		Back	Update	Gancel

Figure 64. Database wizard for IBM Connections 4.5 - Pre-configuration task summary

11. If you selected Show the detailed database commands, the wizard shows the database update detailed command page. Review the commands and click Execute to start the upgrade process.

Database wizard for IBM Co	onnections 4.5		
Database update detailed command			
The following commands will be executed, click "Execute" to run them.			
Activities /opt/ibm/db2/V10.1/bin/db2 -td@ -vf connections.sql/activities/db2/upgra	ade-40-45.sql	3	IBM.
Blogs /opt/ibm/db2/V10.1/bin/db2 -td@ -vf connections.sql/blogs/db2/upgrade-	40-45.sql		
Bookmarks /opt/ibm/db2/V10.1/bin/db2 -td@ -vf connections.sql/dogear/db2/upgrad	e-40-45.sql	1	
Communities 1. /opt/ibm/db2/V10.1/bin/db2 -td@ -vf connections.sql/communities/db2/v 2. /opt/ibm/db2/V10.1/bin/db2 -td@ -vf connections.sql/communities/db2/v		ql	
Files /opt/ibm/db2/V10.1/bin/db2 -td@ -vf connections.sql/files/db2/upgrade-4	0-45.sql		
Forums 1. /opt/ibm/db2/V10.1/bin/db2 -td@ -vf connections.sql/forum/db2/upgrade 2. /opt/ibm/db2/V10.1/bin/db2 -td@ -vf connections.sql/forum/db2/appGrade			
Home page 1. /opt/ibm/db2/V10.1/bin/db2 -tvf connections.sql/homepage/db2/upgrade 2. /home/db2inst1/LCl4.5_20130314-0435/Wizards/jvm/linux/jre/bin/java -2 classpath */opt/ibm/db2/V10.1/java/db2jcc.jar./opt/ibm/db2/V10.1/java/db2j ic.dbmigration.default.jar.lib/commons-logging-1.0.4.jar.lib/news.common.jar	Kmx1024m -Dfile.encodin cc_license_cu.jar:lib/ :lib/news.migrate.jar"	ig=UTF-8 -	
Save As			
	Back	Execute	Cancel

Figure 65. Database wizard for IBM Connections 4.5 - Database update detailed command

The wizard start running the scripts that are required for the migration to Connections 4.5. The amount of time that is needed to run this process depends on the data the existing 4.0 databases hold.

____12. After the wizard completes the migration, it displays the Post configuration task summary page. Review the information there and make sure that no errors are reported. Click **Finish** to exit the wizard.

	Database wiza	ard for IBM Connecti	ons 4.5		;
Post configuration task summary	5				14
The database update task completed	I. The following configuration	on was used:			
Action: Update IBM Connections dat Database type: DB2 Universal Datab Database install location: /opt/ibm/d Database instance: db2inst1 The selected applications are: Activit Profiles, Wikis	ase (TM) b2/V10.1	nmunities, Files, Forums	, Home page, Metri	ics, Mobile,	LEM.
Activities Database name: OPNACT Database user: LCUSER Version update: 4.0.0->4.5.0 Sql scripts ran: upgrade-40-45.sql Note: Result: The database update was sue	ccessful.				
Blogs Database name: BLOGS Database user: LCUSER Version update: 4.0.0->4.5.0 Sql scripts ran: upgrade-40-45.sql Note: Result: The database update was sue	ccessful.				
Bookmarks Database name: DOGEAR Database user: 1 CUSER				v	
			Back (Einish	

Figure 66. Database wizard for IBM Connections 4.5 - Post configuration task summary

Installing IBM Connections



Requirements

Review the software and hardware requirements for the systems to host IBM Connections and make sure that all requirements are met for installing Connections 4.5.

Most importantly, the requirements for WebSphere 7.0 for Connections 4.0 changed to WebSphere version 8.0 for Connections 4.5. To proceed with the Connections 4.5 migration from Connections 4.0, the WebSphere version must be updated.

For more information about the system requirement, see the IBM Connections system requirements topic, http://www-01.ibm.com/support/docview.wss?rs=899&uid=swg27012786

Installing IBM Connections 4.5

- ___1. Copy the Connections 4.5 installation media to the computer that hosts the WebSphere Deployment Manager and extract the installation files.
- 2. Log in to the server that hosts the WebSphere Deployment Manager as root and start the Deployment Manager.
- ____3. Start the IBM Installation Manager and from the main menu open File > Preferences.
- ____4. In the Preferences window, select **Repositories**.

)	Preference	s	
type filter text	Repositories		φ · φ · •
Repositories Appearance Files for Rollback Help Internet	Repositories: Location	Connection	Add Bepository
Passport Advantage Updates			Remoye Repository Move Lips
			Gear Credentials Just Connections
	Service repositories are remote locations where up are stored.		ne Installation Manager itsel
0		R	estore Defaults

Figure 67. IBM Installation Manager - Preferences

____5. Click Add Repository and in the Add Repository dialog browse to the repository.config file under the location where you extracted the installation media/IBMConnections.

۵	Add Repository	×
Add a repository Specify a repository and add to the repository	preference list.	
Repository: /root/IBM_Connections_Install_Linux/IM/linux/r	epository.config	▼ <u>B</u> rowse
	Cancel	ок

Figure 68. IBM Installation Manager - Add repository

- ___6. Click **OK**, and then **Apply** and **OK**, to return to the main windows of the Installation Manager.
- ___7. In the main Installation Manager window, click **Install**, and in the Install Packages window, select **IBM Connections**. Then, click **Next** to continue.

104	Installation Manager		
install Packages Select packages to install			4
Installation Packages	Status	Vendor	License Key Type
🗢 🔲 🧃 Application Client for IBM WebSphere Application Server			
Q, Version 8.0.0.0		10M	
🗢 🔄 🖬 Kille Constitutions			
🔀 🖏 Version # 5.0.0	Will be installed		
🎔 🔲 🧊 IBM HTTP Server for WebSphere Application Server	Installed		
🔲 🖏 Version 8.0.0.0		1014	
🗢 🔲 🧊 IBM ViebSphere Application Server Network Deployment	installed		
Q. Version 8.0.0.0		1854	
🔲 🧊 Photosice Application Client for IDM WebSothern Application Server			
🎔 🔲 🧊 Web Server Plug-ins for IBM WebSphere Application Server	Installed		
U Umsion 8.0.0.0		IBM	
V 🔲 🧊 WebSphere Customization Tolbas	Installed		
🔲 🕅 a Version 8.0.0.0		16M	
Show gil versions			Check for Other Versions, Fixes, and Extensions
Details			
BM Connections 4.5.0.0			
IBM Connections Installation Hore info.			
Repository /root/IBM_Connections_Install_Linux/IBMConnections			
			Agent Sent Care



8. In the license agreements window, review the license agreements and select I accept the terms in the license agreements. Then, click Next to continue.

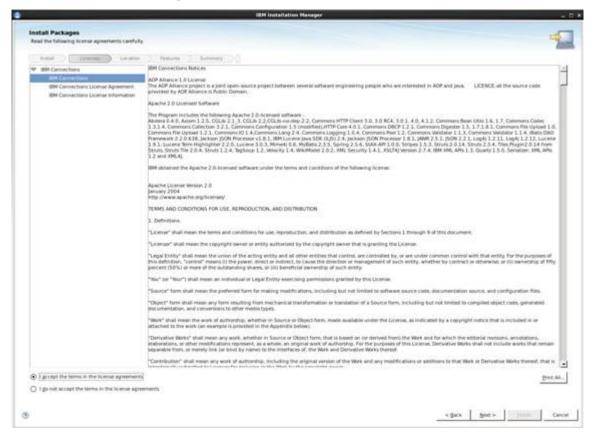


Figure 70. IBM Installation Manager - License agreements page

__9. In the package group options window, select Create a new package group and set the Installation Directory to the location where you want to install Connections. Then, click Next to continue.

	IBM Installation Manager	
Create a new one.	Same compatible packages can be installed into a common package group and will share a common in <u> Some compatible packages</u> can be installed into a common package group and will share a common in <u> Some compatible packages</u> can be installed into a common package group and will share a common in <u> Some compatible packages</u> can be installed into a common package group and will share a common in <u> Some compatible packages</u> can be installed into a common package group and will share a common in <u> Some compatible packages</u> can be installed into a common package group and will share a common in <u> Some compatible packages</u> can be installed into a common package group and will share a common in <u> Some compatible packages</u> can be installed into a common package group and will share a common in <u> Some compatible packages</u> can be installed into a common package group and will share a common in <u> Some compatible packages</u> can be installed into a common package group and will share a common in <u> Some compatible packages</u> can be installed into a common package group and will share a common in <u> Some common common common in </u>	aver interface. Select an existing package group, or 📲
Create a new package group Peckage Group Name	Installation Desctory	Architecture
Package Group Name IBM Connections Installation Directory [Inscribt/Connections		flower-
Details Shared Resources Greectory JopA18M(IRED-are)	Disk Space Information Mauree Australia Space / 94.25.68	
		<gack gent=""> Cance</gack>

Figure 71. IBM Installation Manager - Select directory to install Connections

____10. In the features to install selection window, select the features to install and click **Next** to continue.

- Note

The FileNet and Cognos features are not set in this installation.

				IBM Installation Ma	nager
Install Packages Select the features to install.					
sener the resource to make.					100
Install Ucenses Loc	ation Fe	atures 5 Sum	mary D		
Features					
P E 1 dit Corrections 4.5-0.0					
V Core Features					
Home page					
News repository					
Search					
🈎 🚍 🎨 Alt Features					
Activities					
Blogs					
Bookmarks					
Communities					
Ries Ries					
Forums					
Metrics					
Mobile Moderation					
Profiles					
Wikis.					
Add-on features					
IBM Connections Cont	ent Manager				
Show dependencies					Expand All Collapse All Bestore Default
	cause of depender	ncies			
- Second					
Details					
IBM Connections 4.5.0,0					
IBM Connections Installation					
Disk Space Information					
Volume	Required	Temporary	Total	Available	
Shared Resources Area /	251.8 KB	1.09 G8	1.09 GB	93.23 GB	
accession contraction of the second second					

Figure 72. IBM Installation Manager - Select features to install

11. In the WebSphere configuration window, complete the installation details of the Deployment Manager and click Validate to check the settings. When validation successfully completes, click OK on the Information Dialog to close it and click Next to continue.

)	IBM Installation Manager	- 0 ×
Install Packages fill in the configurations for the pa		
Install Licenses	Common Configuration VebSphere Application Server Selection Installation Notation Import SMN VebSphere Application Server Selection Import SMN VebSphere Application Server Import Server	
<u></u> r		< Back Spot > Cancel

Figure 73. IBM Installation Manager - Packages configuration

____ 12. On the Deployment Topology selection page, choose **Medium - Applications grouped in several clusters** and select all the nodes in each cluster. Then, click **Next** to continue.

		however a					
Common Configurations.	Common Configuration Topology	~					
Annexe Dataset Content Store Nedfication	Metilium - Appi Lange - Each a Fysica instant in this must arrive all of the Chaster Ender a cluster no	ent type: isotons are prouped in se optication (prouped in se optication (s prouped) programmers, spars, it is offernation, spars, it me or select an existin	veral Clusters. In Balance Couler In, paur settings soma plat do test ward to do	inge think, click the	pach cluster and enter a se		
	-	Outer	Note	-	Sever	14	
	Application CP	Outer		-tionet	Sever Collect, amon 1	4	
	-	Custor Counter Counter?		- Node01 - Node01 * Node01		14	
	Application CP	Over1		n Sode01 n Sode01 n Sode01 n Sode01 n Sode01	Contrel (server) Contrel_server1 Contrel_server1	4	
	Application P Bogs	Over10 Over10 Over17 Over17	S despition despition despition despition despition	- Sude01 - Sude01 - Sude01 - Sude01 - Sude01 - Sude01 - Sude01 - Sude01	Child Level Outel_sevel Outel_sevel Outel_sevel Outel_sevel	-	
	Application C. Channel C. Bogs C. Bogs C. Boskmarks	Over10 Over10 Over17 Over17	Carpense (Carpense (Carpen	5 504001 ~ 504001 ~ 504001 ~ 504001 ~ 504001 ~ 504001 ~ 504001 ~ 504001 ~ 504001	Olima Jarvez Olama Jarvez Olama Jarvez Olama Jarvez Olama Jarvez Olama Jarvez Olama Jarvez Olama Jarvez Olama Jarvez		
	Application Contractor Bogs Bostmarts Communities	Outer2 Outer2 Outer1			Olific weet Outer yever Outer yever Outer yever Outer yever Outer yever Outer yever Outer yever Outer yever		

Figure 74. IBM Installation Manager - Deployment topology

13. In the database configuration page set, the options that match your environment and click Validate at the bottom of the page to verify their correctness. When validation successfully completes, click OK on the Information Dialog to close it and click Next to continue.

					-
Install Packages Fill in the configurations for the pack					4
The second se					-
instal > Licenses > 3	Location Peatrone	Summary			
👽 🧊 Constron Configurations	Common Configuration	ans			
WebSphere Toology					14
Chatana .	Database Type				1
O Content Store O Notification	D82 Universal 0	(MT)mediated			
O NODICIDO	110000000000000000000000000000000000000	~~			
	Database Serve	*			
	Host name:	ibm.com			
	Port	- Anna Anna			
	50009				
	JDBC driver locat	ion			
		1 H			
	Due the same Application Activities	Data			
			LCUSER		
	Application Activities	Data	LCUSER		
	Application Activities Biogs	Data Ort			
	Application Activities Biogs Bookmarks	Data OPR BLOGS DOGEAR	LCUSER.		
	Application Activities Biogs Bookmarks Communities	Data OR BLOGS DOGEAR SNCDMM	LCUSER	49444444	
	Application Activities Biogs Bookmarks Communities Nies	Data OPE INCOSS DOGEAR SACDAM FLES	LCUSER LCUSER LCUSER	400000000 400000000 600000000	
	Application Activities Biogs Bookmarka Communities Riles Forums	Data OPE BLOGS DOGEAR SACDIMM PLES FORCIM	LCUSER LCUSER LCUSER LCUSER	2000000000 2000000000 2000000000 2000000	
	Application Activities Biogs Bookmarka Communities Files Foruma Home page	Data Orte DOGEAR SNCDMM FILES FORUM HOMEMAGE	LCUSER LCUSER LCUSER LCUSER LCUSER	printering printering minimenen printering printering printering	
	Application Activities Biogis Bookmarks Communities Files Forums Home page Mobile	Data Ore BLOGS DOGEAR SNCDMM PLES PORUM PLES PORUM PLES PORUM PLES PORUM	LCUSER LCUSER LCUSER LCUSER LCUSER LCUSER	Internet in the second	
	Application Activities Biogs Bookmanita Communities Communities Pries Foruma Home page Mobile Profiles Wala	Dele Original BLOGS DOGEAR SNCDMM FRES FORUM FROMERVGE MOBLE FROMEDB	ICUSER ICUSER ICUSER ICUSER ICUSER ICUSER ICUSER ICUSER	Internet Int	
	Application Activities Biogs Bookmarks Communities Files Forums Home page Mobile Profiles Waits	Data OPE BLOGS DOGEAR SACOMM FILES FORUM HOREMORE MOBLE PROPLED WICIS	ICUSER ICUSER ICUSER ICUSER ICUSER ICUSER ICUSER ICUSER	Internet Int	
1	Application Activities Biogs Bookmarks Communities Files Forums Home page Mobile Profiles Waits	Data OPE BLOGS DOGEAR SACOMM FILES FORUM HOREMORE MOBLE PROPLED WICIS	ICUSER ICUSER ICUSER ICUSER ICUSER ICUSER ICUSER ICUSER	Internet Int	

without the prior written permission of IBM.

Figure 75. IBM Installation Manager - Packages configuration

____14. In the Notifications configuration page, set whether notifications are sent and the correct parameters for your environment. Click **Next** to continue.

	18H Installation Hanager	-
Install Packages RI in the configurations for the pact		4
Contract Contracts Contrac	Lacation Tempera Summery	
Common Configurations BetSphere Toology Database Content Store Model gale	Conserve Configurations Interfluction Function Funct	-
	<u> </u>	
		e pace percis instant Carice

Figure 76. IBM Installation Manager - Notifications configuration

____15. The Install Package page shows the list of packages to be installed. Click **Install** to begin the installation.

	H Installation Manager	
Install Packages		
Install Packages Review the summary information.		
		4
Install (Licenses) Location) Removes (Licenseary		
Target Location		
Package Group Name IBM Connections		
Installation Directory /opt/16M/Connections		
Shared Resources Directory /vpt/IBM/IMShared		
Packages		
Packages		
V B MM Connections 4.5.0.0		
The Core Features		
C. Home page		
C) News repository		
D. Search		
V S All Features		
C, Activities		
Ch Blogs		
Ci. Bookmarks		
D, Communities		
C. Fies		
Cu Forums Cu Motole		
(), Moderation		
G. Pohles		
D. Wilking		
Environment	Disk Space Information	
English		Total Available Space
		93.23 0
	Total Download Scine: 1.09 GB Total Installation Scine: 8.64 GB	
22 Warmer 11	NUM PRODUCTS SIZE: 8.64 GE	
Repository Information		
	< Bac	a Second Jestal Can

Figure 77. IBM Installation Manager - Summary information

____16. When the installation is completed, the wizard displays a report of all of the components installed. Review the information and make sure that no failure is reported. Then, click **Finish** to exit the installation wizard. The Connections installation is now complete.

	IBM Installation Manager	- 0
Install Packages		-
	The packages are installed. <u>View Los Fir</u>	
	Install results. News installed successfully. Search installed successfully. Profiles installed successfully. Activities installed successfully. Biogramstalled successfully. Communities installed successfully. Biokimarks installed successfully. Files installed successfully. Forums installed successfully. Home page installed successfully. Wisis installed successfully. Models installed successfully. Moderation installed successfully.	
	The following package was installed.	
	₩ %, BM Connections Ø BM Connections 4.5.0.0	
	Note: If the packages support nollback, the temporary directory contains notiback files for installed packages. This can delete the files on the files for millback preference page.	
9		British

Figure 78. IBM Installation Manager - Successful packages installation

Uninstalling IBM Connections 4.5

- ____1. Log in to the Deployment Manager host as root and start the Deployment Manager. Before proceeding, make sure that no Connections application clusters or servers are running.
 - __2. Start the IBM Installation Manager and from the first page click **Uninstall**.

۵	IBM Installation Manager	_ D X
File Help		
IBM Installation Manager		
	Install Install software packages.	
	Discover and install updates and fixes to installed software packages.	nage Licenses
	Modify	l Back Install
IBM.		

Figure 79. IBM Installation Manager

___3. On the Uninstall Packages page, select the IBM Connections packages and click **Next** to continue.

		IBM Installation Manager	
In the state Backbarrow IS			
Uninstall Packages Select packages to uninstall.			4
select packages to uninscan.			last last
Installation Packages	Version	Vendor	
✓ □ ¹		1	
WebSphere Customization Rolbox	8.0.0.5	1814	
🗢 📋 🍢 Web Server Plug-ins for IBM WebSphere Application Ser	N		
U Web Server Plug-Ins for IBM WebSphere Application	1 8.0.0.5	15M	
🗢 📋 🎼 IBM WebSphere Application Server Network Deploymen	4		
🗢 🔲 🗊 IBM WebSphere Application Server Network Deployr	τ 8.0.0.5	16M	
0.0.0.0-W5-WAS-IFPM78648	8.0.0.20130115_1149		
8.0.0.0-WS-WASJavaSDK-LinuxX64-#9M75381	8.0.0.20121027_1101		
3.0.0.0-WS-WASND-IFPM71430	8.0.0.20130122_1330		
3.0.0.3-WS-WASProd-IFPM66000	8.0.3.20121106_1006		
8.0.0.4-WS-WAS-IFPM75050	8.0.4.20121204_0952		
0.0.0.5-WS-WAS-IFPM74235	8.0.5.20121128_1614		
3.0.0.5-WS-WKS-IPPM77213	8.0.5.20121116_1223		
1 1 8.0.0.5-WS-WASND-IFPM62615	8.0.5.20130121_1338		
1 1 8.0.0.5-WS-WKSProd-IFPM74259	8.0.5.20121115_1733		
SP 🔲 🗞 IBM HTTP Server VB.0			
🔲 🧊 IBM HTTP Server for ViebSphere Application Server	8.0.0.5	IBM.	
 IIM Connections 			
IBM Connections	45.0.0		
			Select All Dear All
Details			
IBM Connections			
 Shared Resources Directory: /opt/IBM/IMShared 			
Installation Directory /opt/IBM/Connections			
Eclipse IDE: JopUIBM/Connections			
Ranslations: English			
			A Ball Next > United at Cance

Figure 80. IBM Installation Manager - IBM Connections packages

____4. On the Uninstall Package page, set the parameters for your Deployment Manager and click Validate to verify them. When the validation successfully completes, click OK on the Information Dialog to close it and click Next to continue.

Θ		IBH Installation Haroger	- 0 X
	Uninstall Packages All in the configurations for the pack Uninstall		1
	Common Condigurations	Common Configurations VehSphere	
		WebSphere Application Server Selection Installation location Installation location Deployment manager profile Installation Deployment Manager Conduction Deployment Manager Conduction Administration user (D) Administration generation Vebloater Vebloater Vebloater Vebloater Vebloater Vebloater Vebloater	
۲	Ē		< Back Sent > Cancel

Figure 81. IBM Installation Manager - Uninstall Packages page

____5. In the Uninstall Packages window verify that the packages to uninstall are correct and press **Uninstall** to begin the package removal.

IBM Installa	tion Manager -
Uninstall Packages Review the summary information.	4
Uninstall Summary Target Location Shared Resources Directory: /opt/IBM/IMShared Uninstall	
Package	Installation Directory
♥ % IBM Connections IBM Connections 4.5.0.0	/opt/IBM/Connections
Repository Information	
	< Back

Figure 82. IBM Installation Manager - Review the summary information

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____6. When the uninstallation is completed, the wizard displays a report that contains all the components that are removed. Review the information and make sure that no failure is reported. Then, click **Finish** to exit the uninstall wizard. The Connections uninstallation is now complete.

	IBN Installation Hanager	- 0 X
Uninstall Packages		-
	The packages are crunitalled. <u>View Log File</u>	
	Uninstall results : here uninstalled successfully. Search uninstalled successfully. Profiles uninstalled successfully. Activities uninstalled successfully. Biogra- uninstalled successfully. Communities uninstalled successfully. Biograministalled successfully. Pres uninstalled successfully. Forums uninstalled successfully. When page uninstalled successfully. When uninstalled successfully. Moderation uninstalled successfully.	
	The following package was uninstalled:	
	Package	
æ		Brish

Figure 83. IBM Installation Manager - Successful Connections uninstallation

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