



IBM ~~Lotus~~ Connections

Auflösung der Rätsel

Wie erhalte ich eine funktionierende Testinstallation?

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› edcom Software & Consulting GmbH

- › Mitglied der TIMETOACT GROUP
- › IBM / Lotus Business Partner seit 20 Jahren
- › System Services, Training, Lizenzen
- › CAT – Connections Admin Tool
- › TeamOffice, TeamCalendar, VacationManager



› Christoph Stöttner

- › Lotus Notes seit über 10 Jahren
 - › IBM Certified Administrator (aka CLP) 5 - 8.5
- › IBM / Lotus Connections seit 2.5
- › Linux (Debian, Red Hat SuSE), Mac OS, Windows, OS/400
- › Blog: <http://www.stoeps.de/blog>, Twitter: <http://twitter.com/stoeps>
- › <mailto:christoph.stoettner@edcom.de>
- › vertreten bei: Google+, AtNotes.de, Facebook, Xing, LinkedIn, Greenhouse, Developerworks, Bleedyellow ...



- **Schon wieder Websphere?**
- **Was ist IBM Connections eigentlich?**
- **Installation (Schwerpunkt Linux)**
- **Konfiguration / Tuning / Sizing**
- **Administration (Einführung in jython und wsadmin)**
- **Linklisten**
 - weiterführende Infos
 - Installation unter Windows
 - Part-Nummern



WAS	IBM® WebSphere Application® Server
ISC	Integrated Solutions Console (WAS Adminoberfläche)
DMGR	Deployment Manager WebSphere
IHS	IBM® HTTP Server® (basiert auf Apache HTTPD)
DB2	IBM® DB2 Enterprise Server Edition® (ESE)
LDAP	Lightweight Directory Access Protocoll
TDI	IBM® Tivoli Directory Integrator®
ST	IBM® Lotus Sametime®
LC	IBM® Lotus Connections
TDS	Tivoli Directory Server



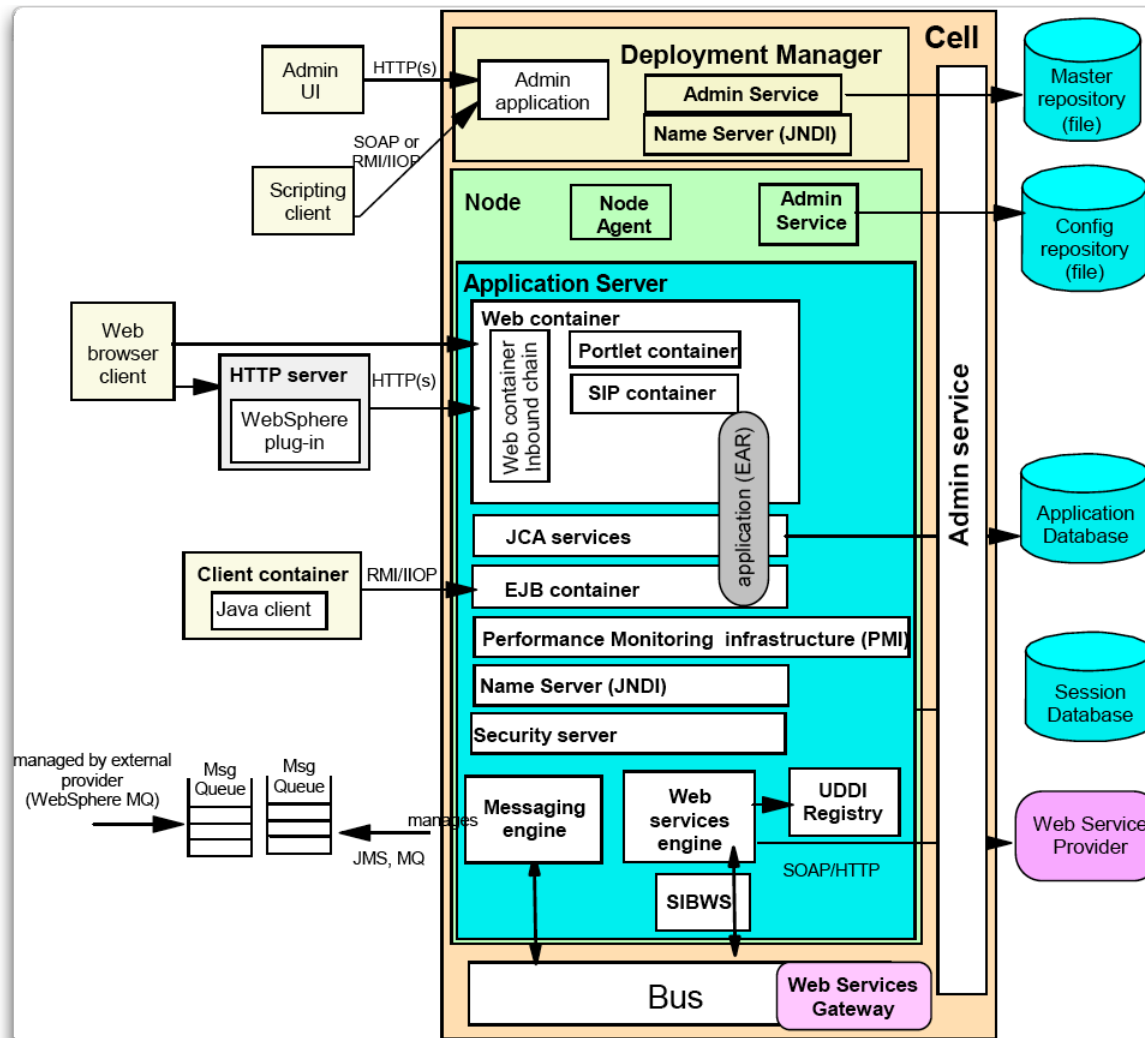
Schon wieder WebSphere?

edcom



- **Neue IBM / Lotus Produkte basieren auf WebSphere Application Server**
 - IBM Connections
 - IBM Sametime
 - (IBM Quickr)
- **Umdenkprozess für Domino Administratoren notwendig**
 - simple Tasks in Domino

WAS Strukturbild



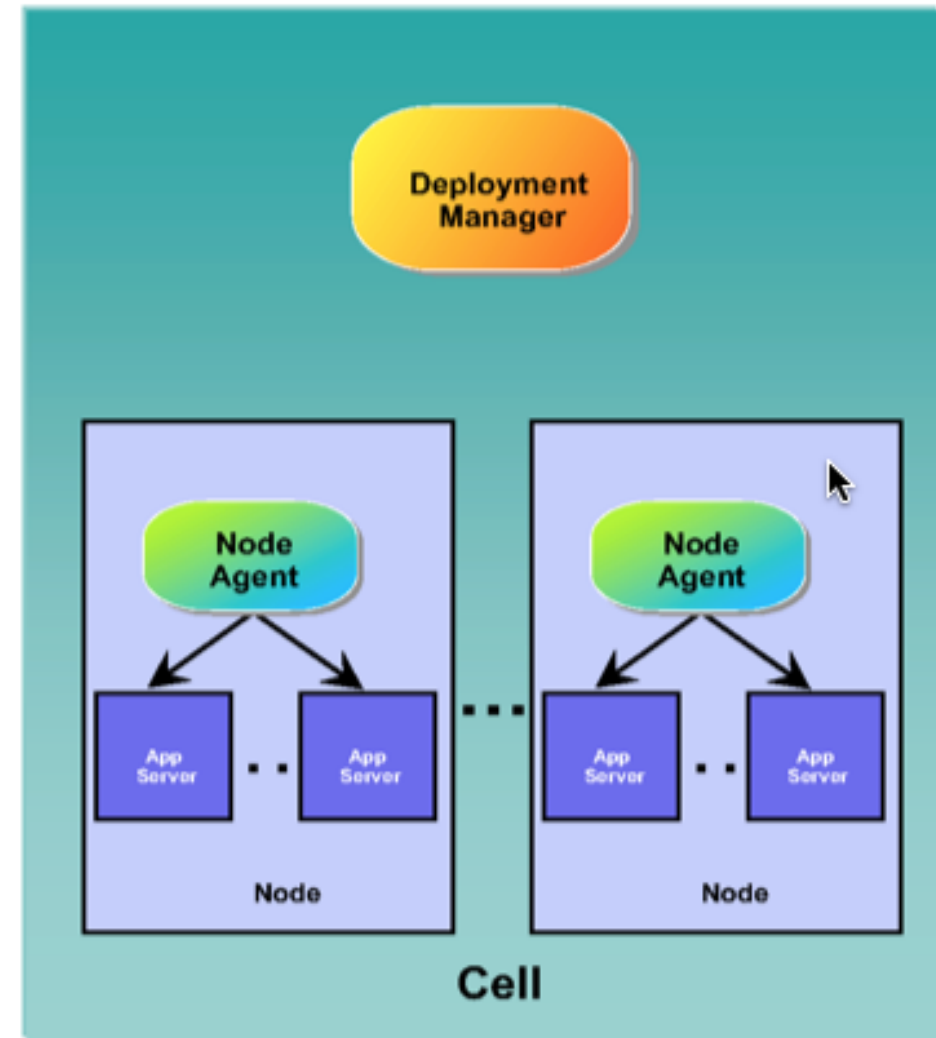


» Node

- » logische Gruppe von Application Servern
- » jede Node wird von einem Node Agent verwaltet
- » Host kann mehrere Nodes enthalten

» DMgr

- » verwaltet die Node Agents
- » zentraler Konfigurationsspeicher der kompletten Management Domain (Cell)
- » Innerhalb einer Zelle läuft die Admin Console im DMgr





Was kann Connections eigentlich?

Braucht man Social Software wirklich?

edcom



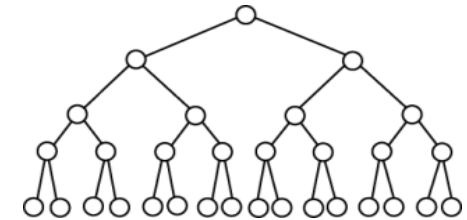
Typische Anwendungsgebiete von Social Software

- **Suchen – Finden - Zur Verfügung stellen**
 - Leute – Wissen - Erfahrungen
- **Zusammenarbeiten**
 - Ideen – Produkte – Projekte
 - Teams - Unternehmensbereiche
- **Verbreiten von Informationen**
- **Sammeln von Informationen**
- **Eigene Produktivität verbessern**
- **Produktivität von Team und Unternehmen verbessern**
- **Intranet, Internet, Extranet**



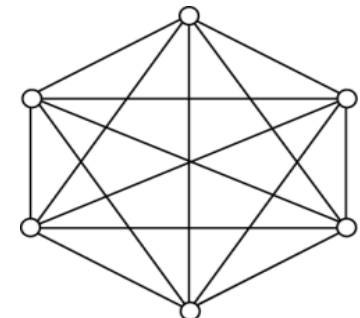
► Informelle Netzwerke vs. formale Strukturen

- Struktur & Hierarchie
- Themengruppe
- Projektgruppe
- ...



► Wie entstehen Beziehungen?

- Aufgabenstellung
- Erprobte Beziehungen
- Gemeinsames Interesse
- “Socializing” als Selbstzweck
- ...



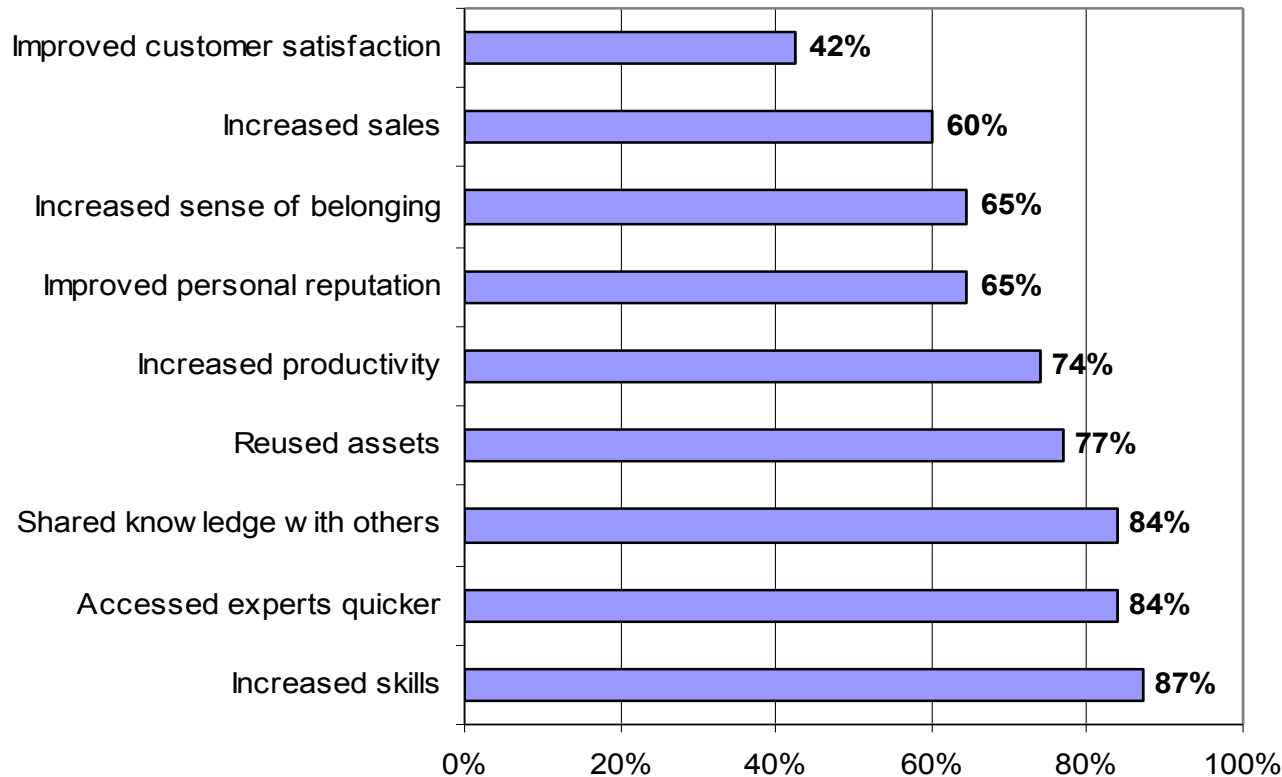


Mögliche Business Ziele

- **Schneller auf Anfragen, Anforderungen oder Beschwerden von Kunden reagieren**
- **Förderung der Kommunikation über die Grenzen von Abteilungen / Geschäftsbereichen / Standorten / ... hinweg**
 - Doppelarbeit verringern
- **Email Aufkommen für Collaboration reduzieren**
 - ihre Stärke liegt nicht in der “N : M” Kommunikation
- **Kreativität steigern, jeder kann sich einbringen**
 - neue Produkte, Dienstleistungen, Ideen zur Vermarktung



**IBM social software benefits acknowledged by
% of survey respondents**





Ein paar grundlegende Ideen

- Jeder kann Produzent & Konsument von Information sein
- Jeder macht seine Verbindungen selbst: durch Einladungen und indem er sein persönliches Netzwerk bekannt macht
- Dinge werden öffentlich, die das bislang nicht waren
- Jeder entscheidet, welche Information er preisgibt
- Transparenz statt Kontrolle – jeder schaut zu



› Ist vielen vertraut

- › Facebook, Twitter, Xing, LinkedIn & Co.
- › Bleedyellow, Greenhouse, Developerworks

› Erreicht jeden

- › Keine separate Client-Software oder spezielle Skills erforderlich
- › Intuitive Web 2.0 Oberfläche
- › Jeder kann / darf Communities, Blogs, Wikis etc. ins Leben rufen

› Findet besser

- › “Increasing speed of access to knowledge” (McKinsey)

› Vernetzt und verbindet

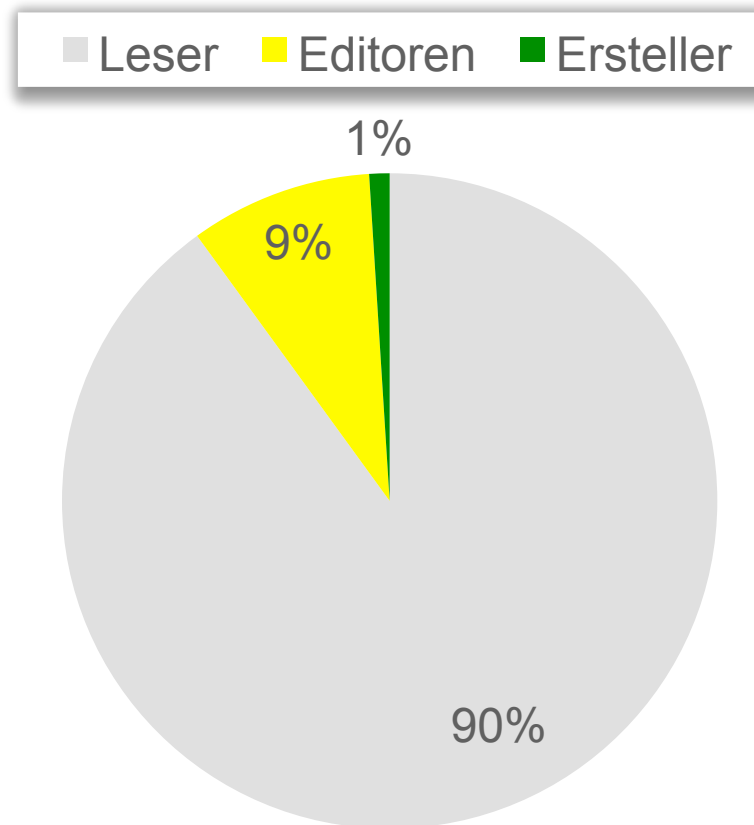
- › Personen mit Personen, Content mit Personen, Content mit Content

› Vereinfacht das Publizieren

- › Blogs, Wikis, Foren, Profile, Microblogging, Tweets, ...



Mitarbeiter





Homepage



Forums



Profiles



Files



Activities



Bookmarks



Blogs



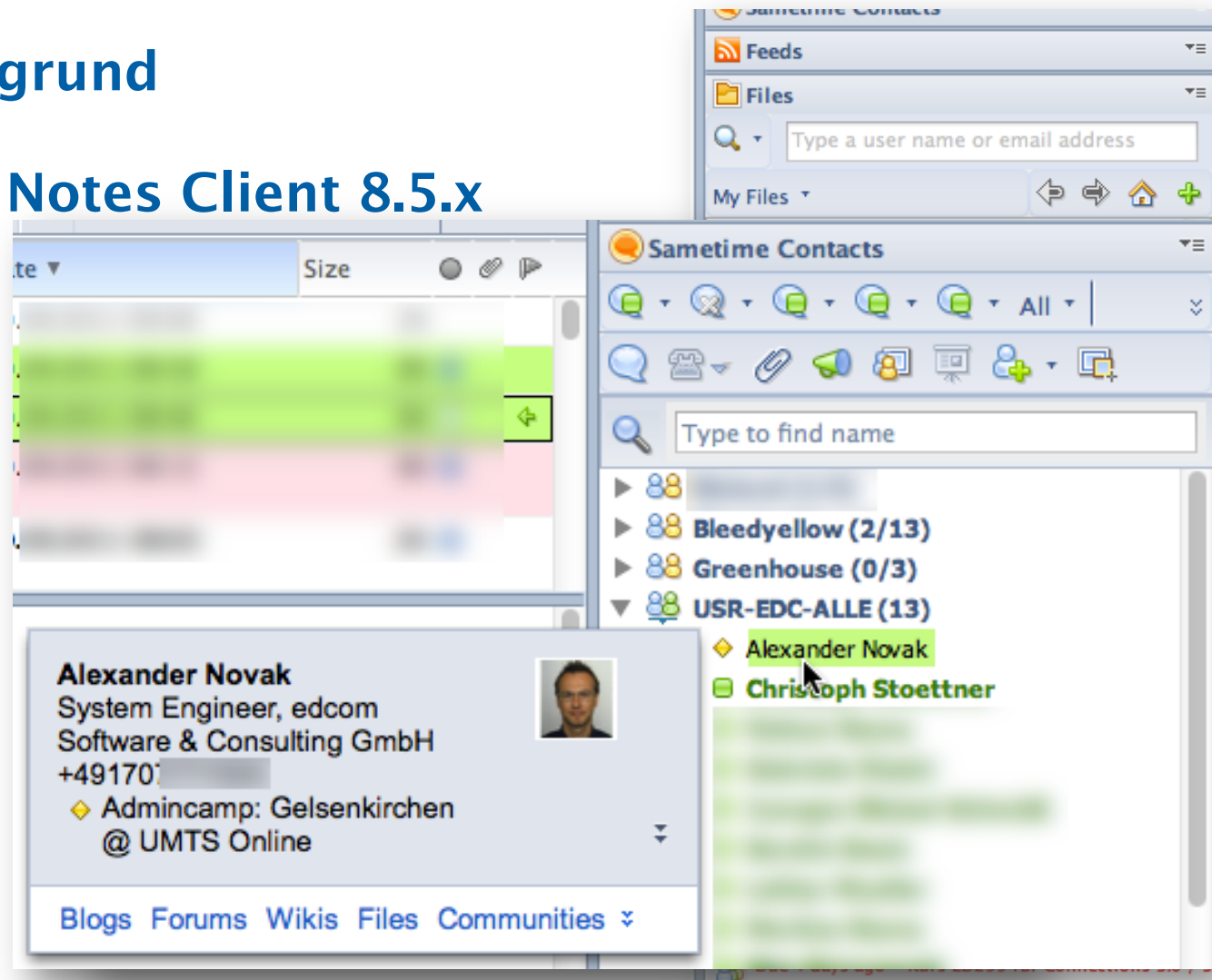
Wikis



Communities



- Profiles im Vordergrund
- Integration in den Notes Client 8.5.x
 - Activities
 - Visitenkarte
 - Status in Sametime
 - Files Plugin
 - Status Updater



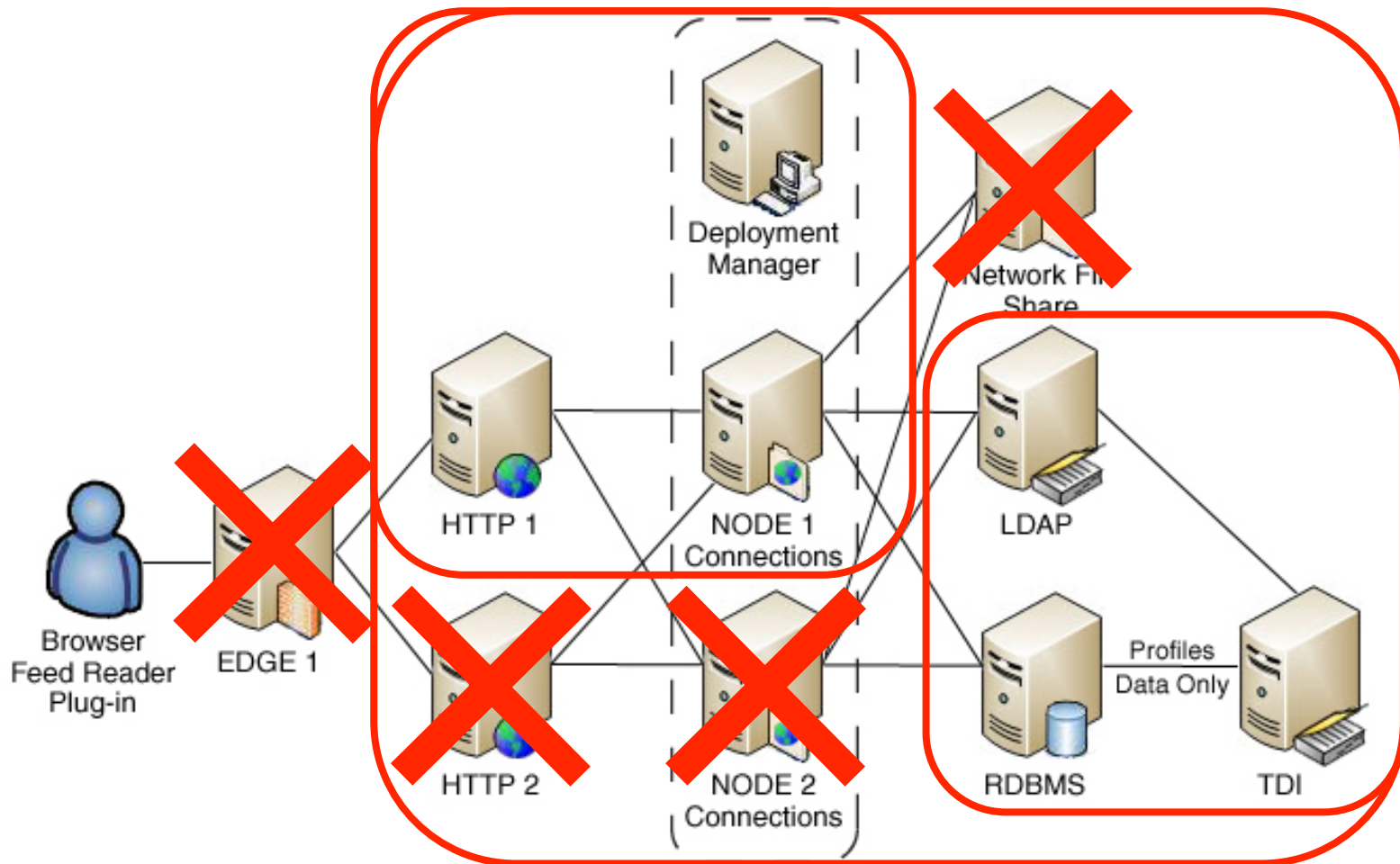


Installation von IBM Connections

Sizing



IBM Connections Topologie





» Small

- » ein ApplicationServer (alle Module in einer JVM)
- » nur 64 Bit, sonst reicht die JVM HeapSize nicht
- » für POC ok

» Medium

- » 3 ApplicationServer
- » 64 Bit empfohlen

» Big

- » Jedes Modul in einem ApplicationServer
- » 32 Bit möglich



➤ < 1000 Benutzer

- eine Maschine (physikalisch oder VM)
- DB, LDAP und WAS

➤ 1000–10,000 Benutzer

- DB auf einen eigenen Server auslagern

➤ 10,000–100,000 Benutzer

- Reverse Cacheing Proxy

➤ >100,000

- mehrere Nodes benutzen, mehrere DB Server und Instanzen
- regionale Reverse Caching Proxies



- Für einen Pilot Installation mit bis etwa 1000 Benutzern
- 2 virtuelle Server
- db2.lcs.tld (2 cpu, 2 GB, 50 GB HD)
 - DB2
 - TDI
 - (LDAP)
- connections.lcs.tld (2-4 cpu, 6-8 GB, 50-100 GB HD)
 - WAS
 - IHS



- Für einen POC Installation mit bis etwa 1000 Benutzern
- 1 virtueller Server
- connect.lcs.tld (4 cpu, 8 GB, 100 GB HD)
 - DB2
 - TDI
 - WAS
 - IHS
 - (LDAP)



- Für einen Pilot oder POC Installation mit bis etwa 1000 Benutzern
- 2 virtuelle Server
- db2.lcs.tld (2 cpu, 2 GB, 50 GB HD)
 - DB2
 - TDI
 - (LDAP)
- connections.lcs.tld (2-4 cpu, 4 GB, 50-100 GB HD)
 - WAS
 - IHS



➤ **Ausfallsicherheit notwendig?**

- ApplicationServer clustern
- Datenbank nicht vergessen

➤ **64 Bit wo es möglich ist einsetzen**

- ApplicationServer laufen in einer JVM
- bei 32 Bit ist die maximale Speicherallokation 2GB



Installation von IBM Connections

Vorbereitung



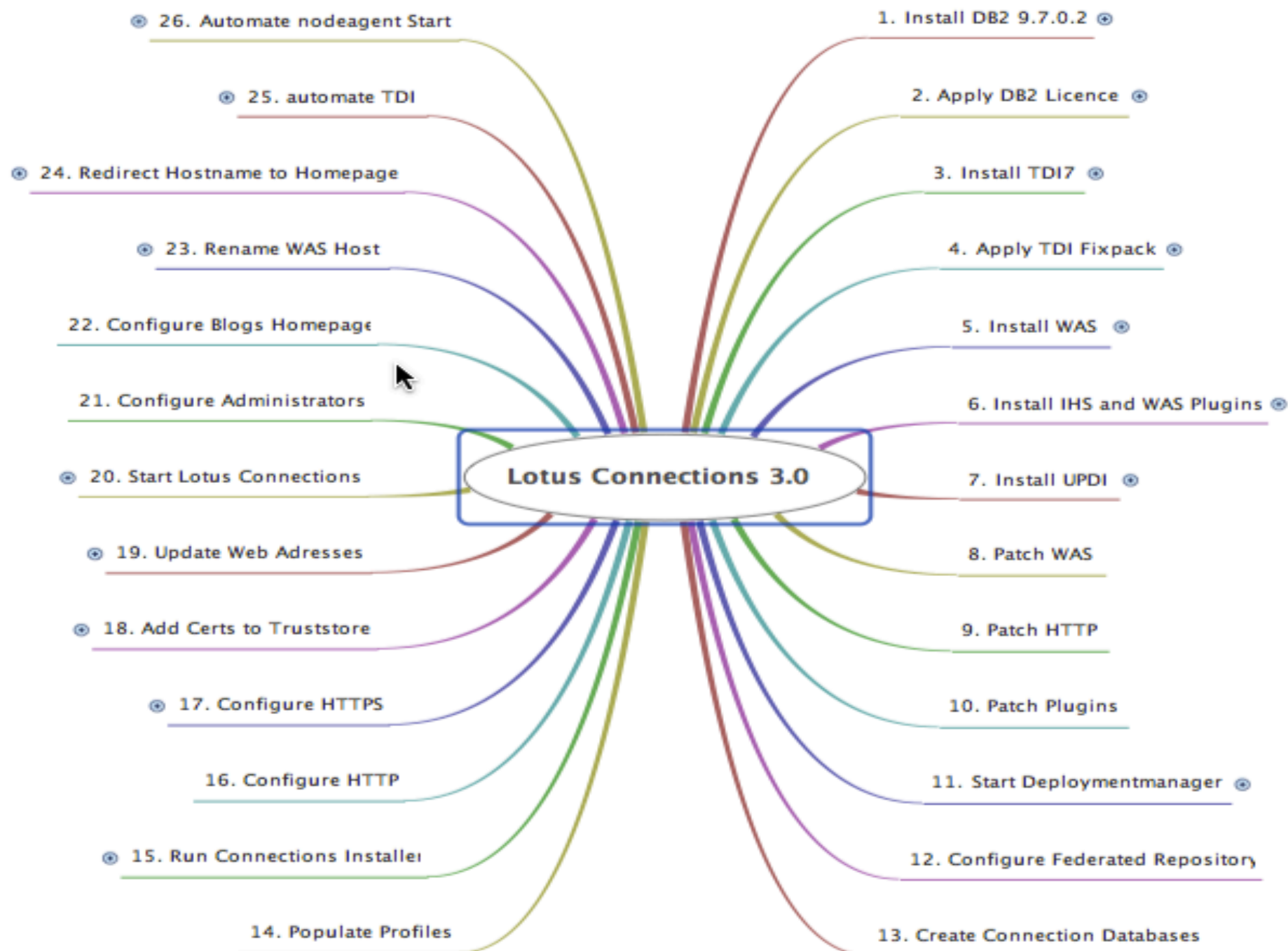


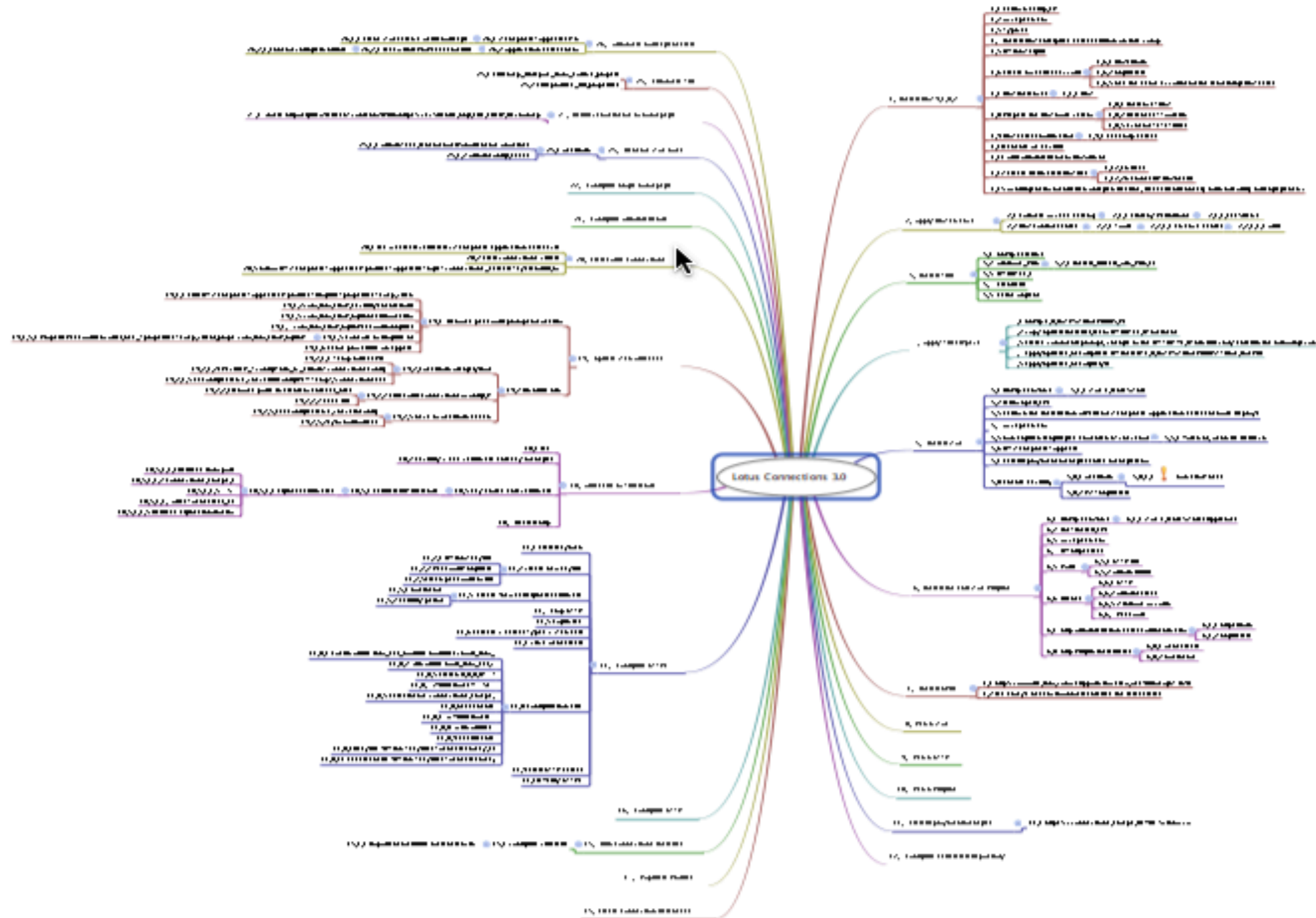
➤ InfoCenter / Wiki lesen

➤ Vorbereitungen

- Download der Software
- Checkliste für die Installation
 - abhaken
 - Mindmap
- Dokumentation z.B. über Worksheet
 - http://www-10.lotus.com/ldd/lcwiki.nsf/dx/Worksheet_for_installing_IBM_Connections_ic301

➤ Lesen und dokumentieren sind die beiden wichtigsten Dinge bei einer Connections Installation







Unterstützte Betriebssysteme 3.0.1

› IBM AIX 6.1 TL4 Power System



› Microsoft Windows Server

- › 2003 SP2 Enterprise / Standard Edition x86-32
- › 2008 Enterprise Edition x86-64
- › 2008 R2 Enterprise Edition x86-64 and future OS fix packs



› Linux

- › SUSE Linux Enterprise Server (SLES) 10.0 SP2 System z
- › SUSE Linux Enterprise Server (SLES) 10.0 x86-32
- › SUSE Linux Enterprise Server (SLES) 11.0 System z
- › SUSE Linux Enterprise Server (SLES) 11.0 x86-64
- › Red Hat Enterprise Linux (RHEL) 5.0 Update 4 Advanced Platform System z
- › Red Hat Enterprise Linux (RHEL) 5.0 Update 4 Advanced Platform x86-64



<https://www-304.ibm.com/support/docview.wss?uid=swg27021342>



Anmerkung Windows Installation

- **Windows Installation analog**
- **Tipp: Windows 2008 unbedingt Administrator nutzen**
- **mehrfach im Web beschrieben, u.a.**
 - Stuart McIntyre
 - › Lotusphere 2011 – SHOW202 Enterprise 2.0 Hero
 - › Slideshare: <http://goo.gl/FSi8Y>
 - IBM
 - › Installing Lotus Connections 3.0 - Small Deployment
 - › IBM Connections Wiki: <http://goo.gl/lreK1>



Anmerkung Linux Installation

- **alles Installskripte als root starten!**
 - sudo reicht nicht aus
 - Datenbank Wizard: Läuft als db2 instance owner (db2inst1)
- **Auf die SHELL achten**
 - bash oder sh
 - Ubuntu nutzt als Default dash
- **ssh mit X Forward reicht für die Installation**
 - X11 bzw. laufender X-Server ist unnötig
- **IPtables und SELinux für die Installation deaktivieren**



Was muss man installieren?

- **WebSphere Application Server 7.0.0.11/7.0.0.17 (KW 36)**
- **Datenbank**
 - DB2 9.5.0.5 oder 9.7.0.2
 - Oracle 10g 10.2.0.4
 - MS SQL 2005 Enterprise SP3
- **Tivoli Directory Integrator 7.0.0.5**



Was muss man installieren?

➤ HTTP

- WAS IHS 7.0.0.11

➤ LDAP (meistens vorhanden)

- Tivoli Directory Server 6.2 FP2
- Lotus Domino 8.0.2 FP5+
- MS AD 2003/2008
- Novell eDirectory 8.8
- Sun Directory Server 6.3



➤ IBM Fix Central

- <http://www.ibm.com/support/fixcentral>

- Installer

 - DB2 9.7 FP2 bzw. 9.5 FP5, Lotus Connections 3.0.1 Installer/Wizards

- Update

 - WebSphere, IHS, Webserver Plugins, TDI,

➤ Passport Advantage / Software Access Catalog

- TDI 7.0, LC 3.0 Installer/Wizards, LC 3.0.1 Fixes

➤ Updateinstaller Technote

- <http://www-01.ibm.com/support/docview.wss?uid=swg24020212>

- WebSphere Updateinstaller (7.0.0.17/19),



► Part Numbers 64 Bit falsch in der IBM Übersicht

Produkt	x86	x86-64	zLinux
Lotus Connections Install		CZMD1ML	CZMD6ML
Lotus Connections Wizard		CZMD4ML	
IBM WebSphere Application Server V7.0	C1G32ML	C1G35ML	C1G3TML
WAS V7.0 Suppl. (1 of 2)	C1G33ML	C1G36ML	C1G3PML
WAS V7.0 Suppl. (2 of 2)	C1G34ML	C1G37ML	C1G3QML
TDI 7	C1IF3ML	C1IF4ML	C1IF5ML
DB2	?	CZ19NEN	CZ19QEN

<https://www-304.ibm.com/support/docview.wss?uid=swg24027962>



Downloads Windows

Produkt	x86	x86-64
Lotus Connections Install		CZMD0ML
Lotus Connections Wizard		CZMD3ML
IBM WebSphere Application Server V7.0	C1G2GML	C1G2JML
WAS V7.0 Suppl. (1 of 2)	C1G2HML	C1G2KML
WAS V7.0 Suppl. (2 of 2)	C1G2IML	C1G2LML
TDI 7	C1IF0ML	C1IF1ML
DB2	CZ19HML	CZ19IML

<https://www-304.ibm.com/support/docview.wss?uid=swg24028184>



Download UpdateInstaller

- **Version des UpdateInstaller immer \geq Fixpack Version die installiert werden soll**
- **Aktuell 7.0.0.19, für die IBM Vorgaben zu Connections ist 7.0.0.17 ausreichend -> Empfehlung immer aktuellsten UpdateInstaller verwenden**
- **Notwendige Update (WAS, IHS, Plugins) für 7.0.0.11**
 - 7.0.0.0-ws-was-ifpm23410.pak
 - 7.0.0.0-WS-WASJavaSDK-LinuxX64-IFPM24384.pak
 - 7.0.0.11-ws-was-ifpk54565.pak
 - 7.0.0.11-WS-WAS-IFPM12828.pak
 - 7.0.0.11-ws-was-ifpm25931.pak
 - 7.0.0-WS-IHS-LinuxX64-FP0000011.pak
 - 7.0.0-WS-PLG-LinuxX64-FP0000011.pak
 - 7.0.0-WS-WAS-LinuxX64-FP0000011.pak
 - 7.0.0-WS-WASSDK-LinuxX64-FP0000011.pak



Installation von IBM Connections

Installation





Installation - Checkliste

Pre-Install

- ☐ WebSphere
- ☐ IHS und WAS Plugins
- ☐ WebSphere UpdateInstaller
- ☐ Fixes für WAS
- ☐ Fixes für IHS
- ☐ Fixes für Plugins
- ☐ DB2
- ☐ DB2 Lizenz
- ☐ TDI
- ☐ TDI Fixpack

Pre-Install Konfiguration

- ☐ Start Dmgr
- ☐ WAS Security

- ☐ DB Wizard
- ☐ Profile Population

LC Installation

- ☐ LC Installer

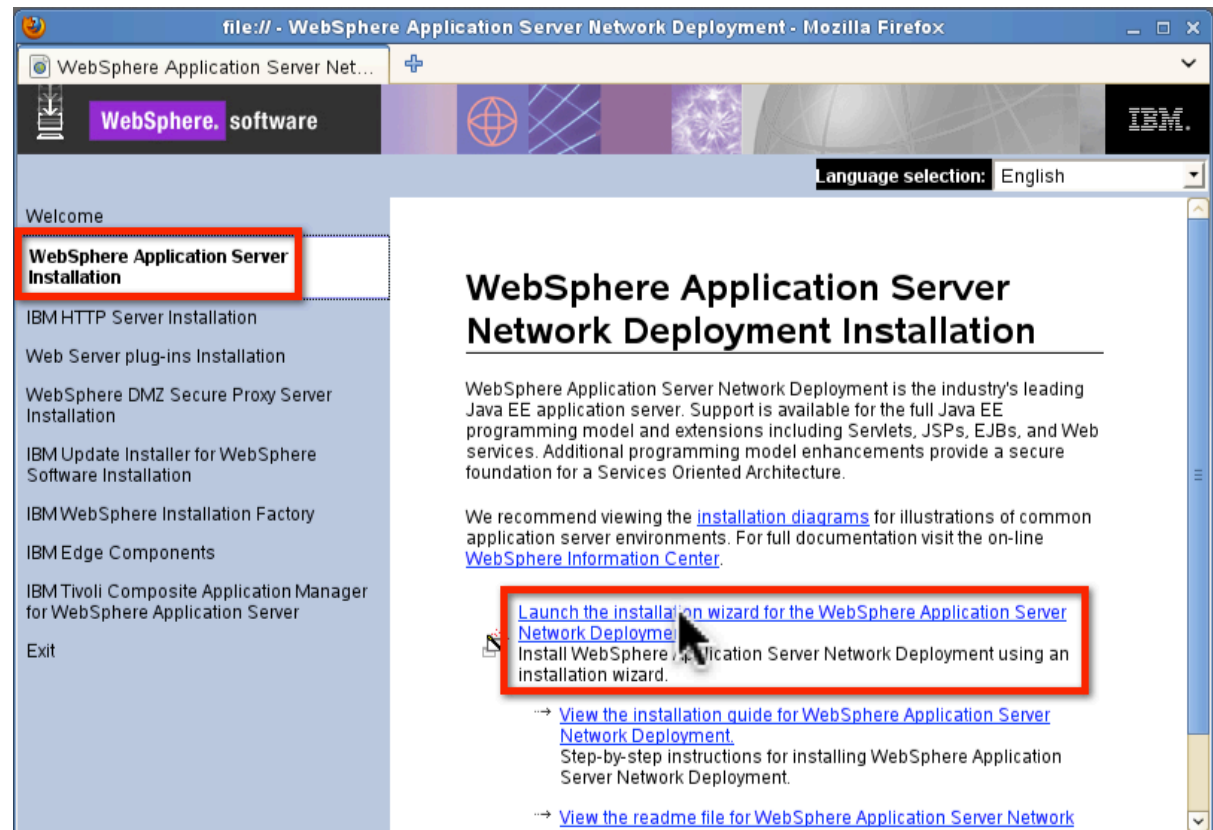
Post-Install Konfiguration

- ☐ IHS
- ☐ SSL für IHS
- ☐ Zertifikate importieren
- ☐ Web Adressen zuordnen
- ☐ Connections starten
- ☐ Zugriffe testen
- ☐ Security und Admins
- ☐ Blogs Homepage

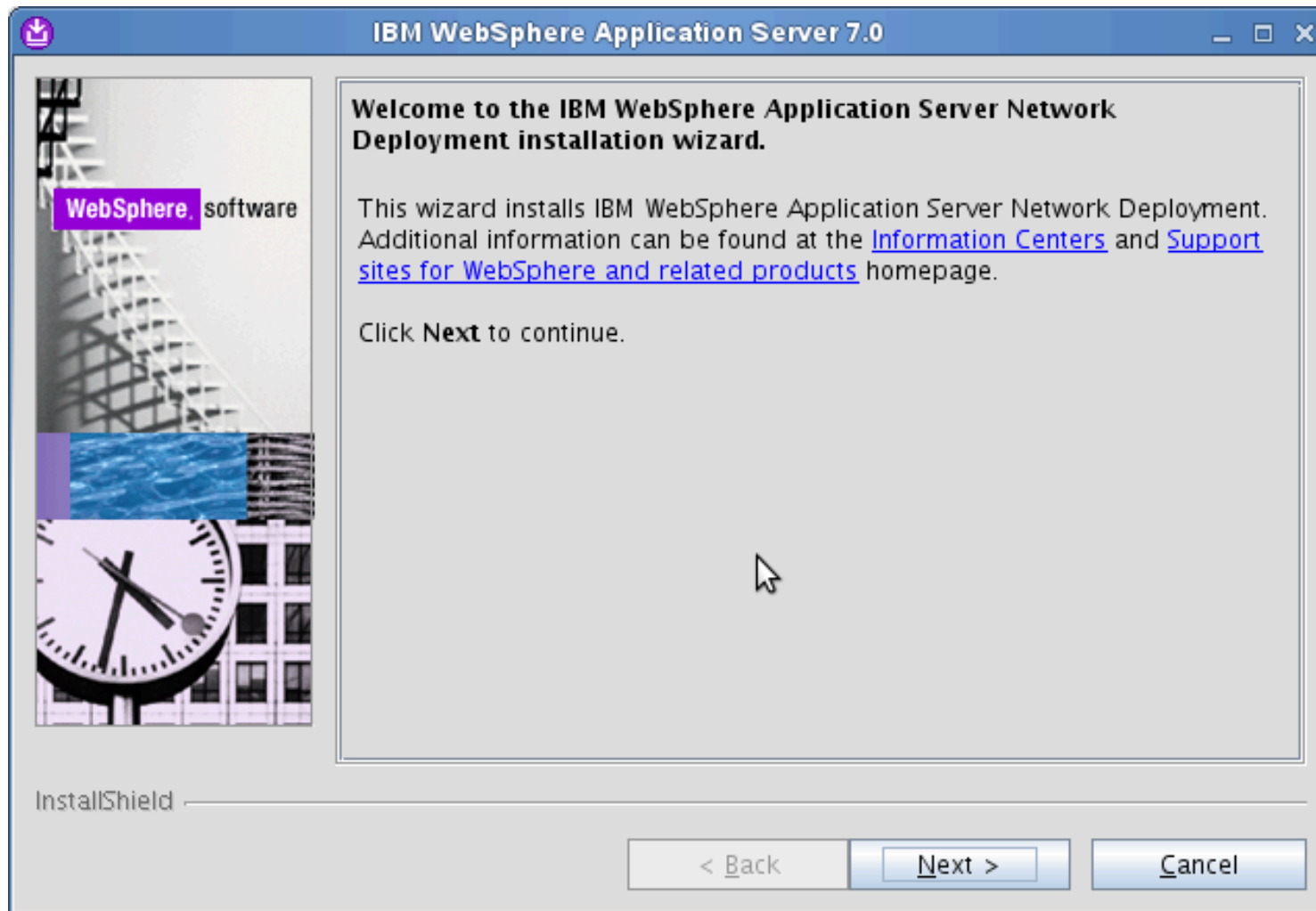


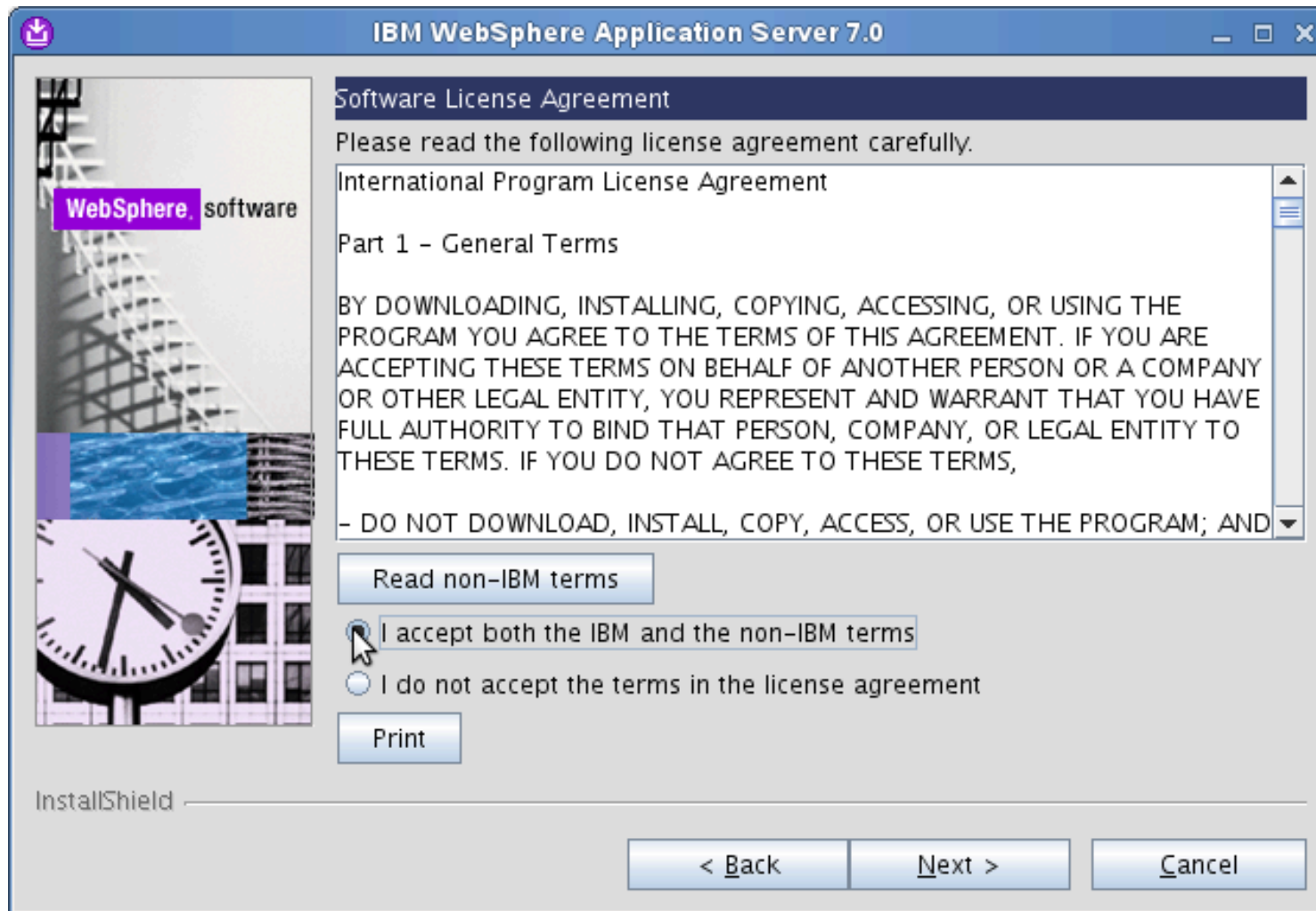
➤ Archiv (C1G35ML) entpacken

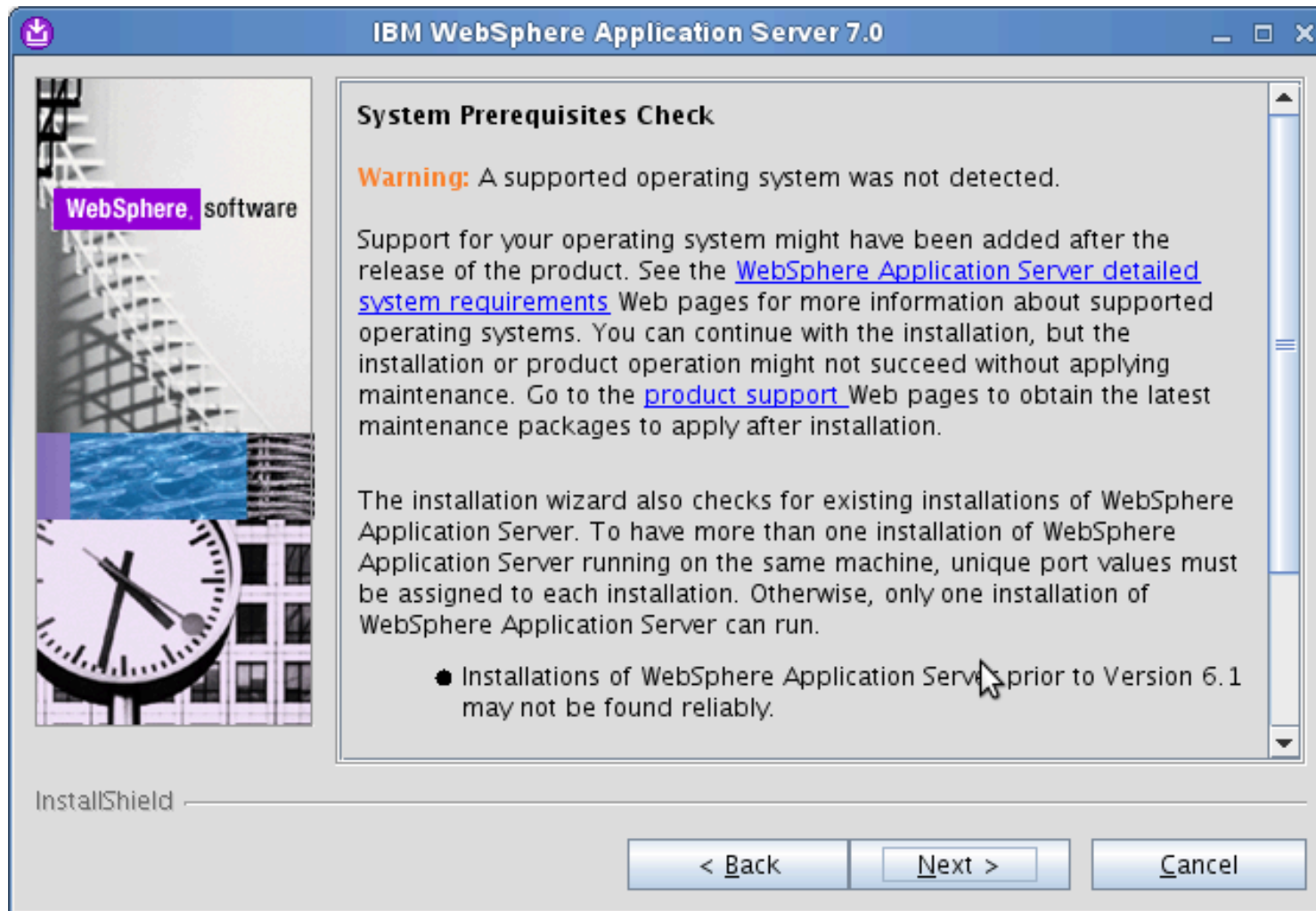
➤ launchpad.sh starten

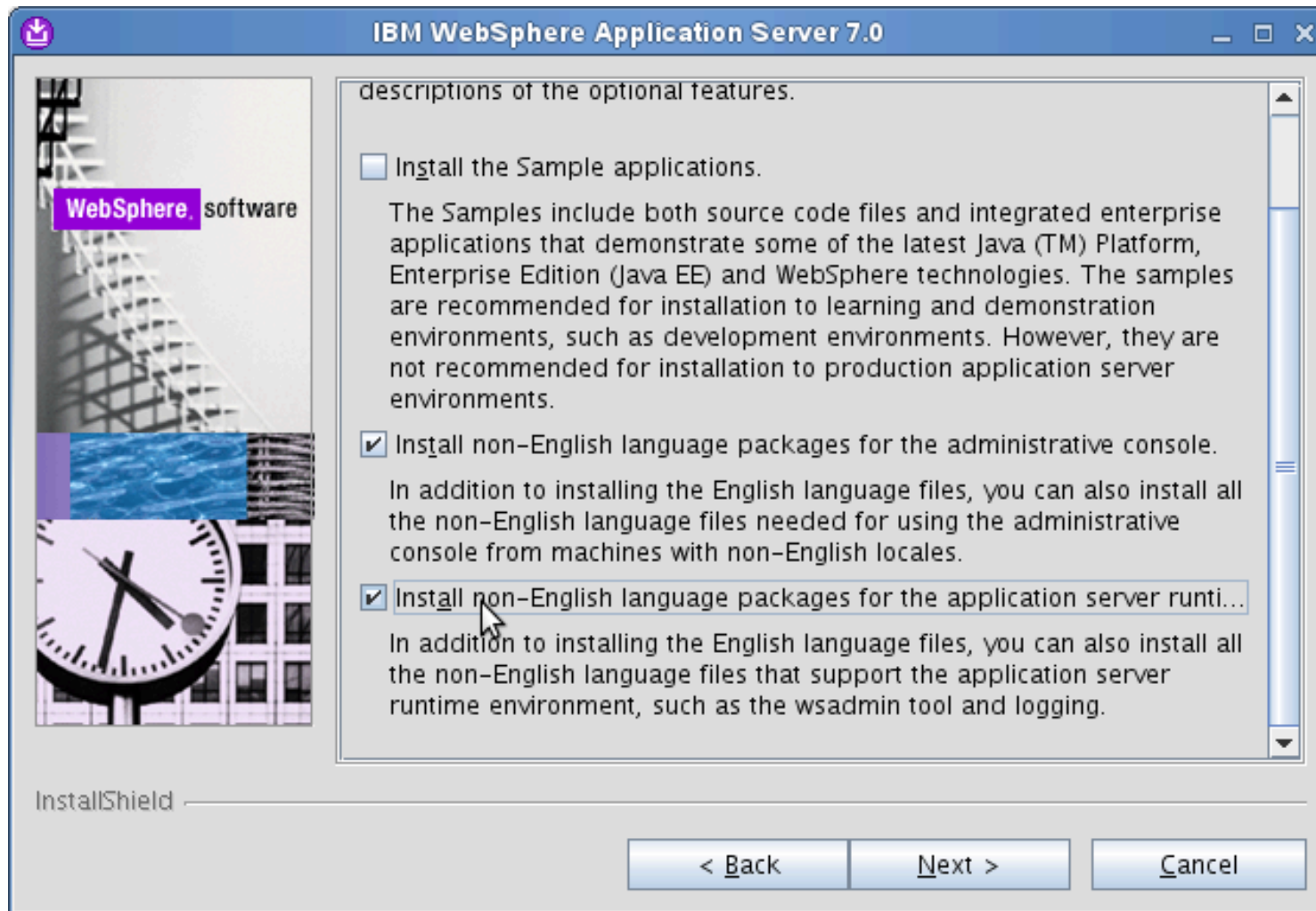


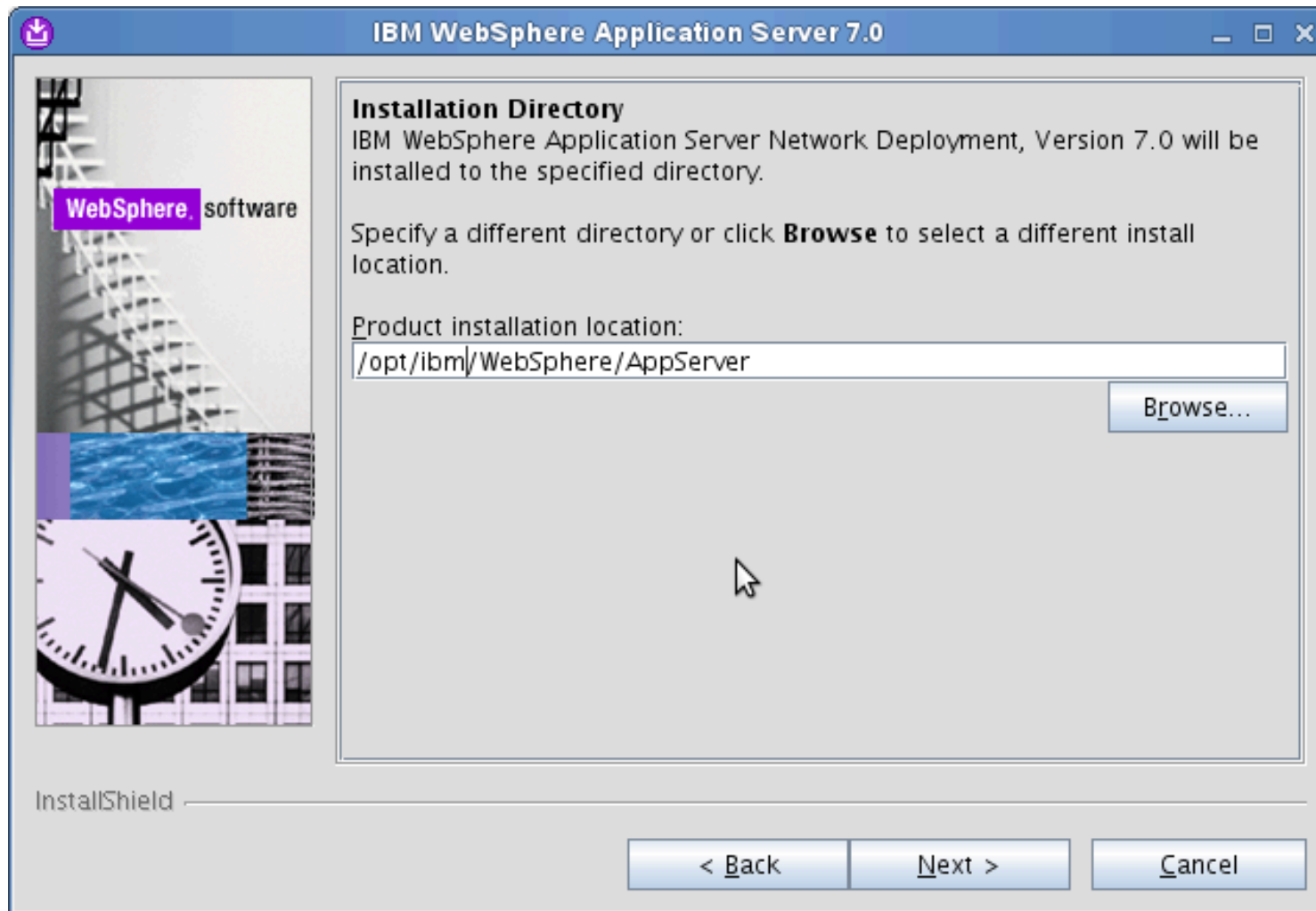
Installation WAS 7 on connect.lcs.tld (2)

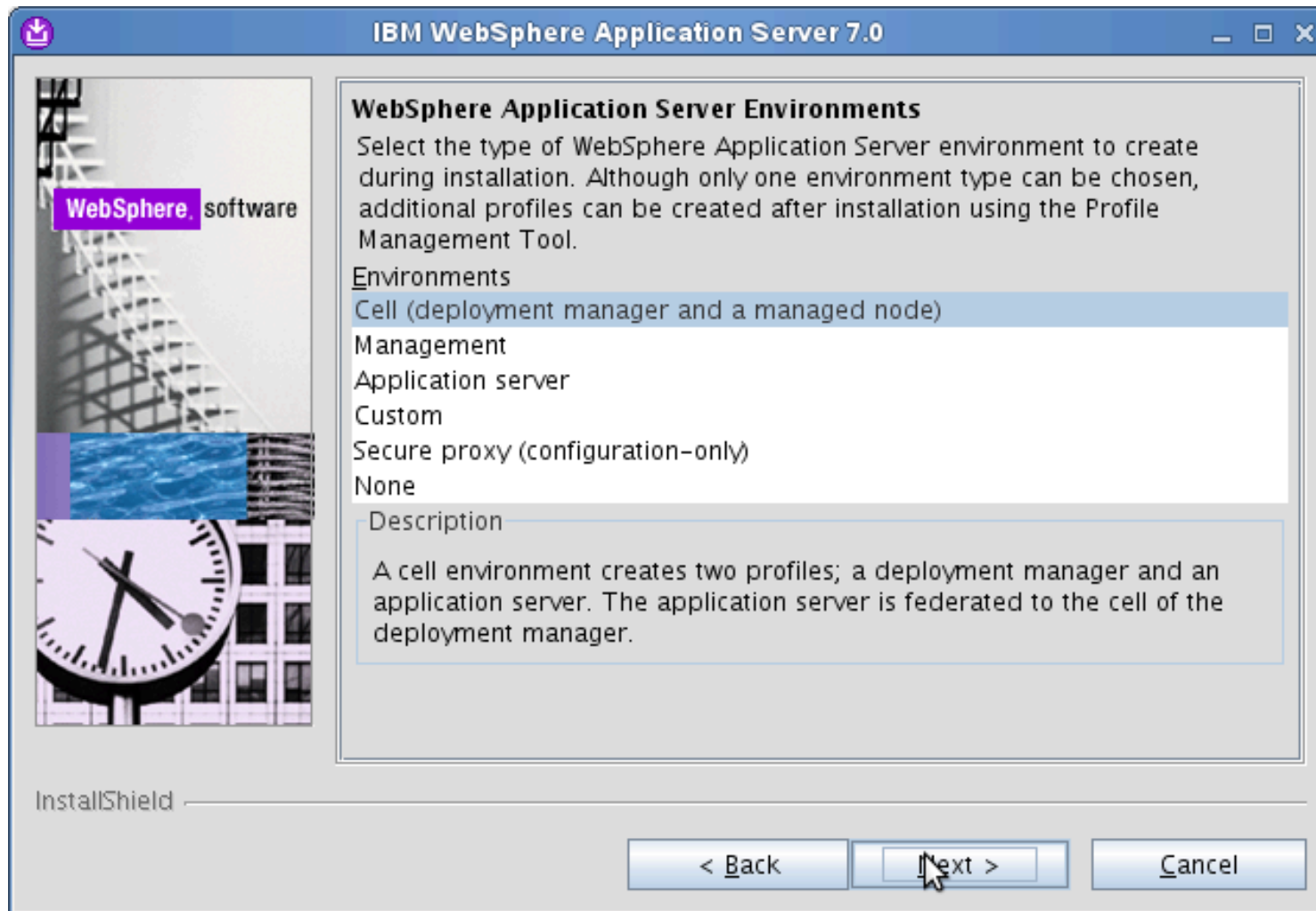














IBM WebSphere Application Server 7.0

Enable Administrative Security

Choose whether to enable administrative security. If you enable administrative security, you must specify a user name and password for the administrative user. After installation finishes, you can add additional repositories.

☒ **E**nable administrative security

User name:
wasadmin

Password:

Confirm password:

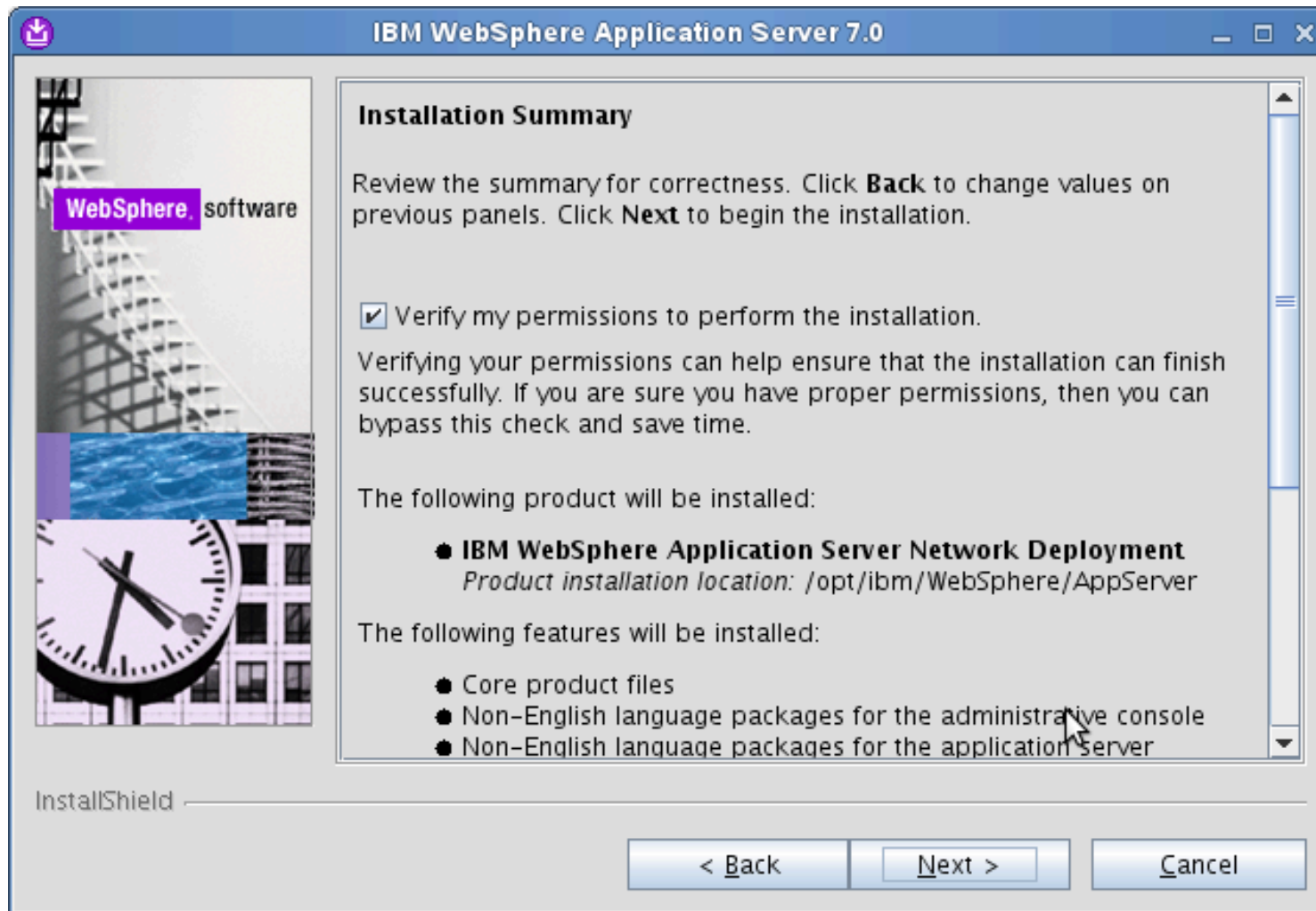
See the [Information Center](#) for more information about administrative security.

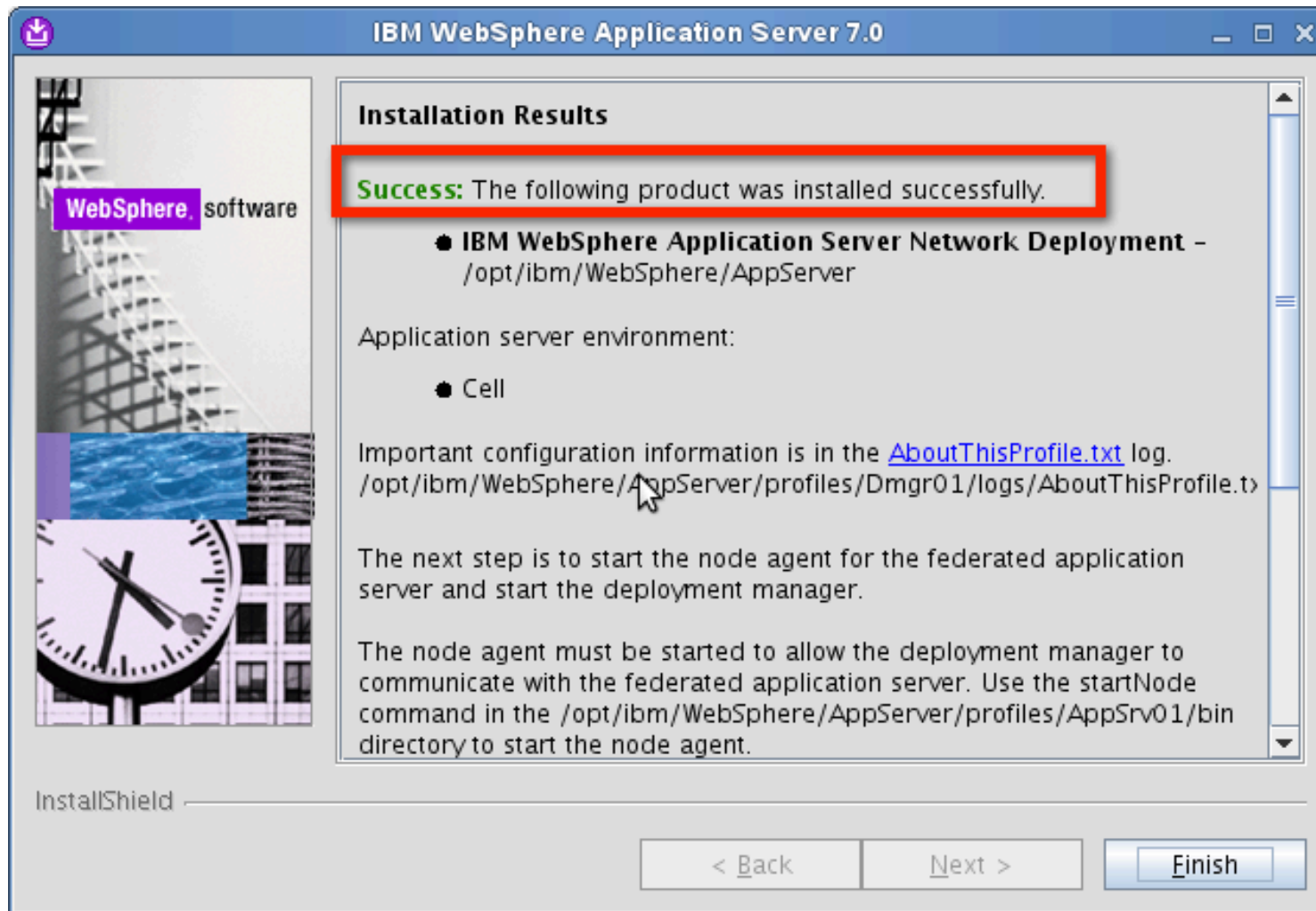
InstallShield

< Back Next > Cancel

Benutzername darf nicht im LDAP vorhanden sein!!!!









Pre-Install

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- ☐ IHS und WAS Plugins
- ☐ WebSphere UpdateInstaller
- ☐ Fixes für WAS
- ☐ Fixes für IHS
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- ☐ Start Dmgr
- ☐ WAS Security

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LC Installation

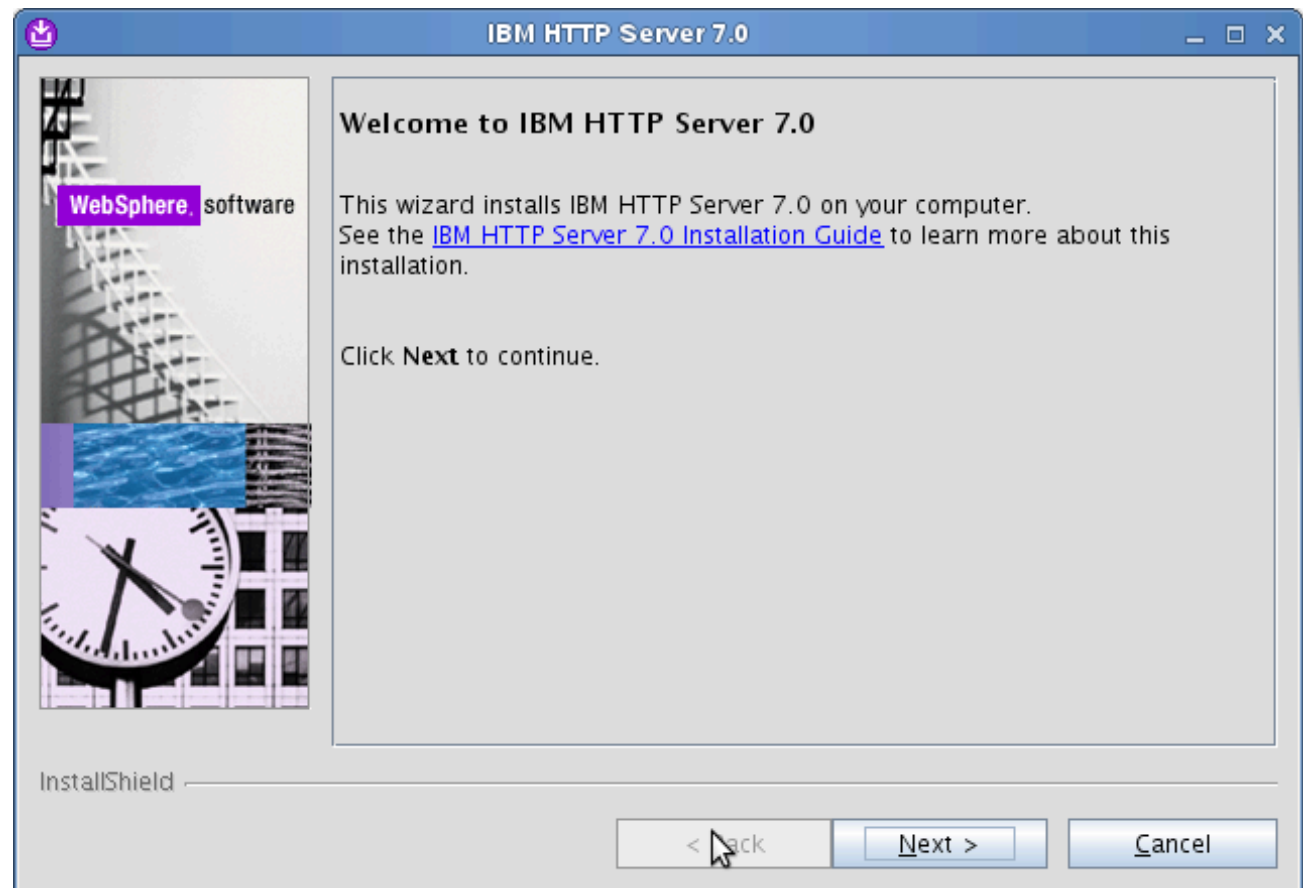
- ☐ LC Installer

Post-Install Konfiguration

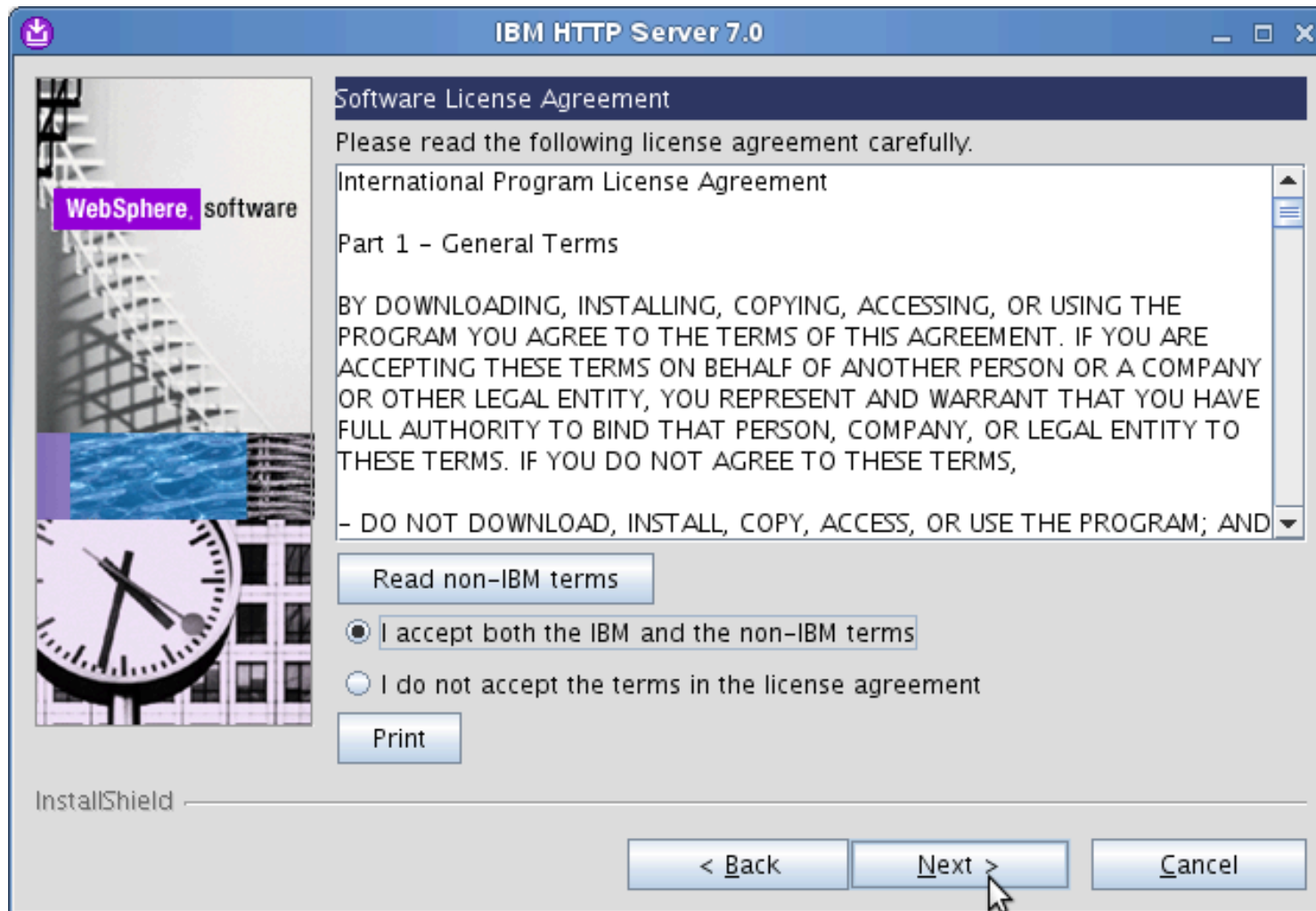
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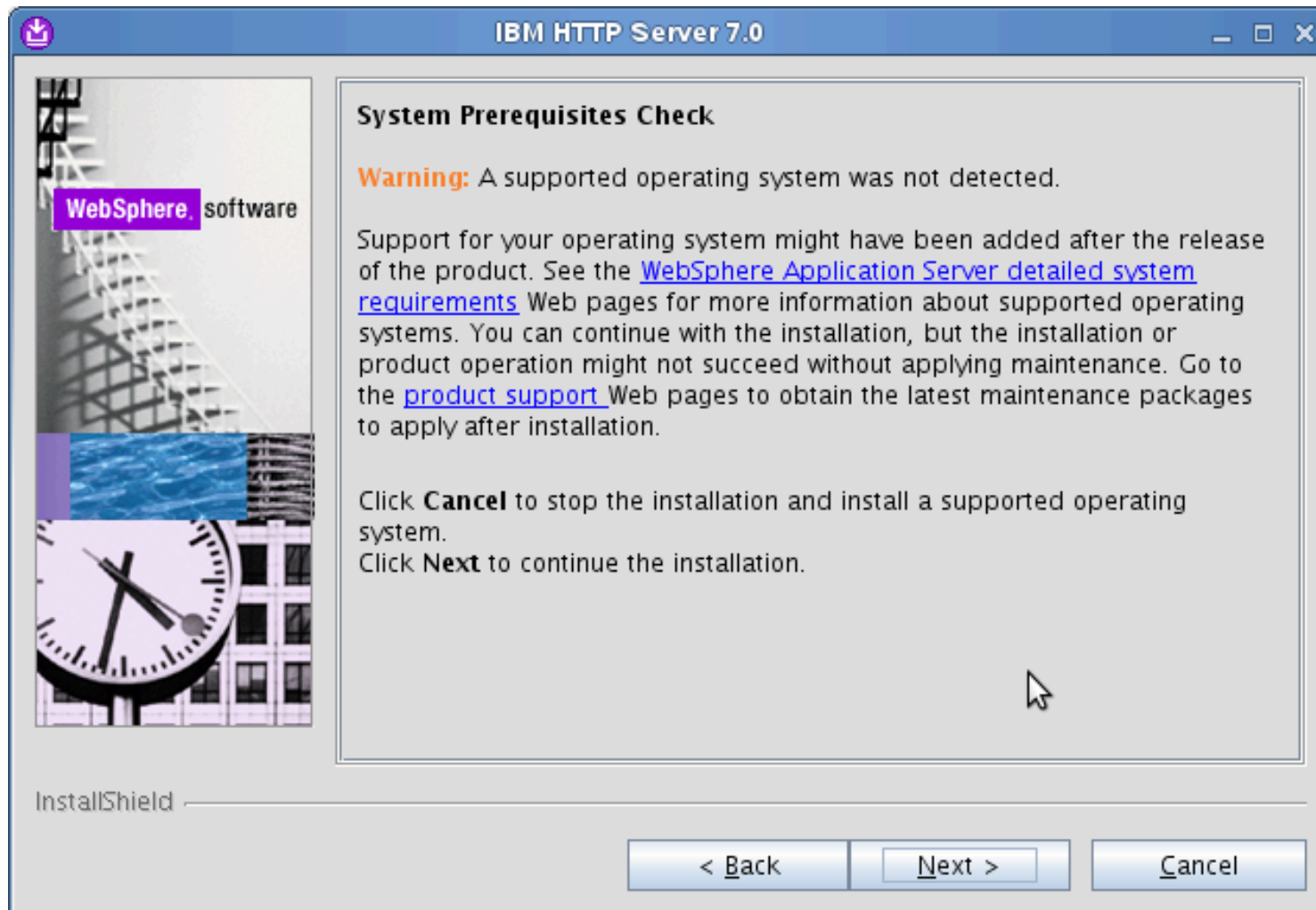


- WAS Supplement 1 von 2 (C1G36ML) entpacken
- cd IHS
- ./install

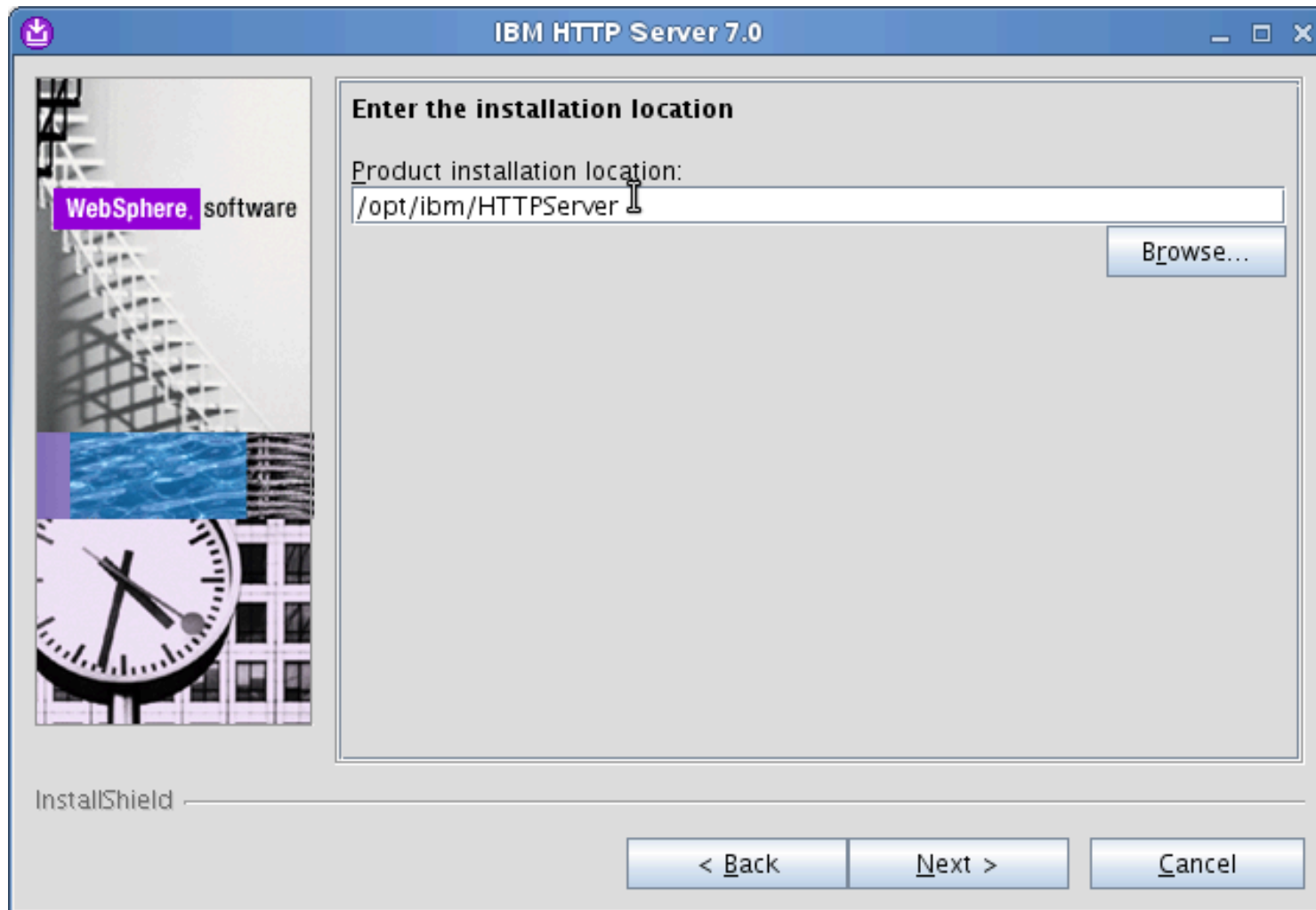


IHS installieren (2)





IHS installieren (4)





IBM HTTP Server 7.0

Port Values Assignment
IBM HTTP Server communicates using the port numbers listed below. If these ports are already in use by IBM HTTP Server or another application, then change the port numbers from their default values.

HTTP Port: 80

HTTP Administration Port: 8008

WebSphere software

InstallShield

< Back Next > Cancel



IBM HTTP Server 7.0

HTTP Administration Server Authentication

Create a user ID and password to authenticate to the IBM HTTP Server administration server using the WebSphere Application Server administrative console. The newly-created user ID and password is encrypted and stored in the conf/admin.passwd file. You can create additional user IDs after the installation by using the htpasswd utility.

☒ Create a user ID for IBM HTTP Server administration server authentication...

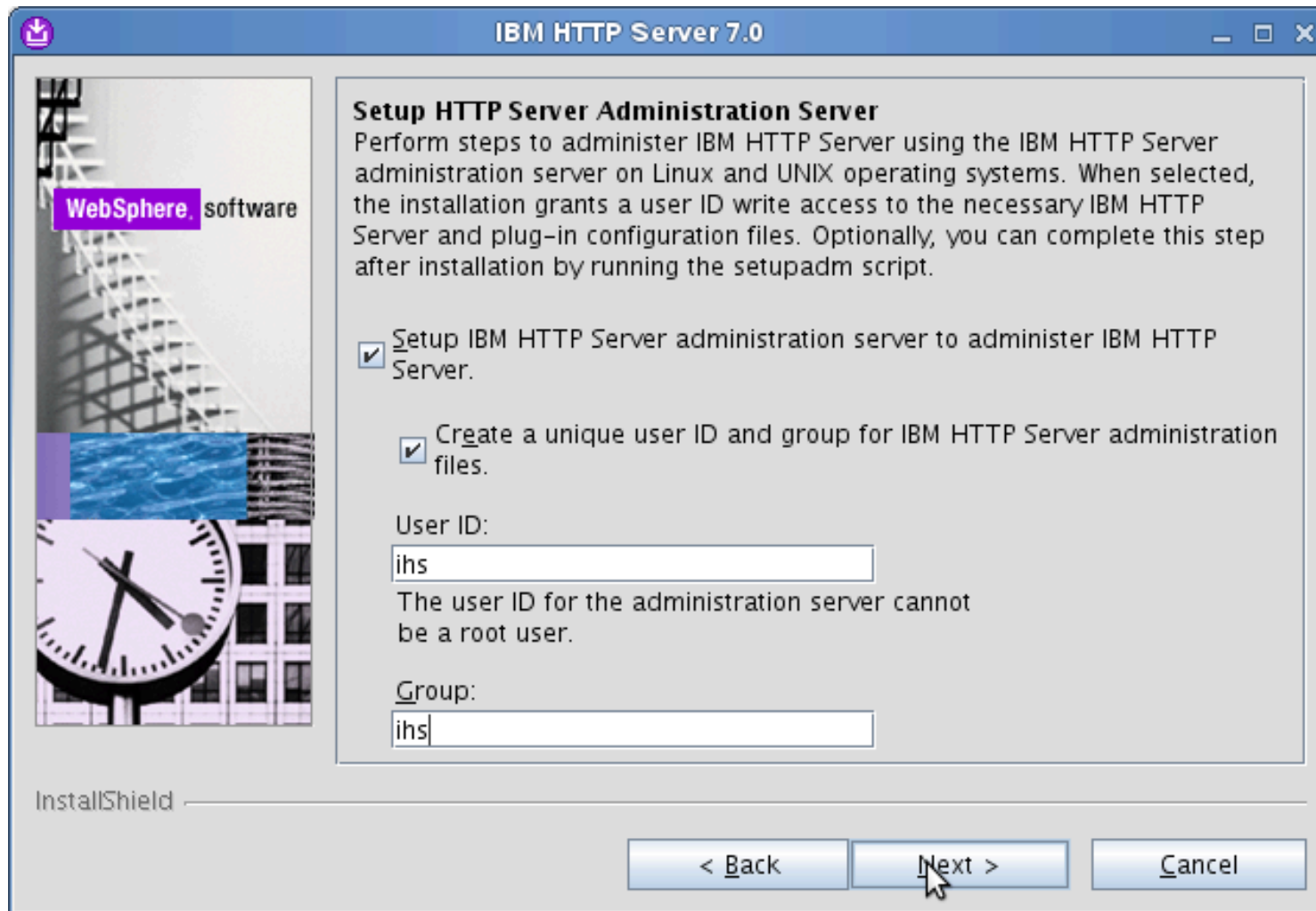
User ID:
ihsadmin

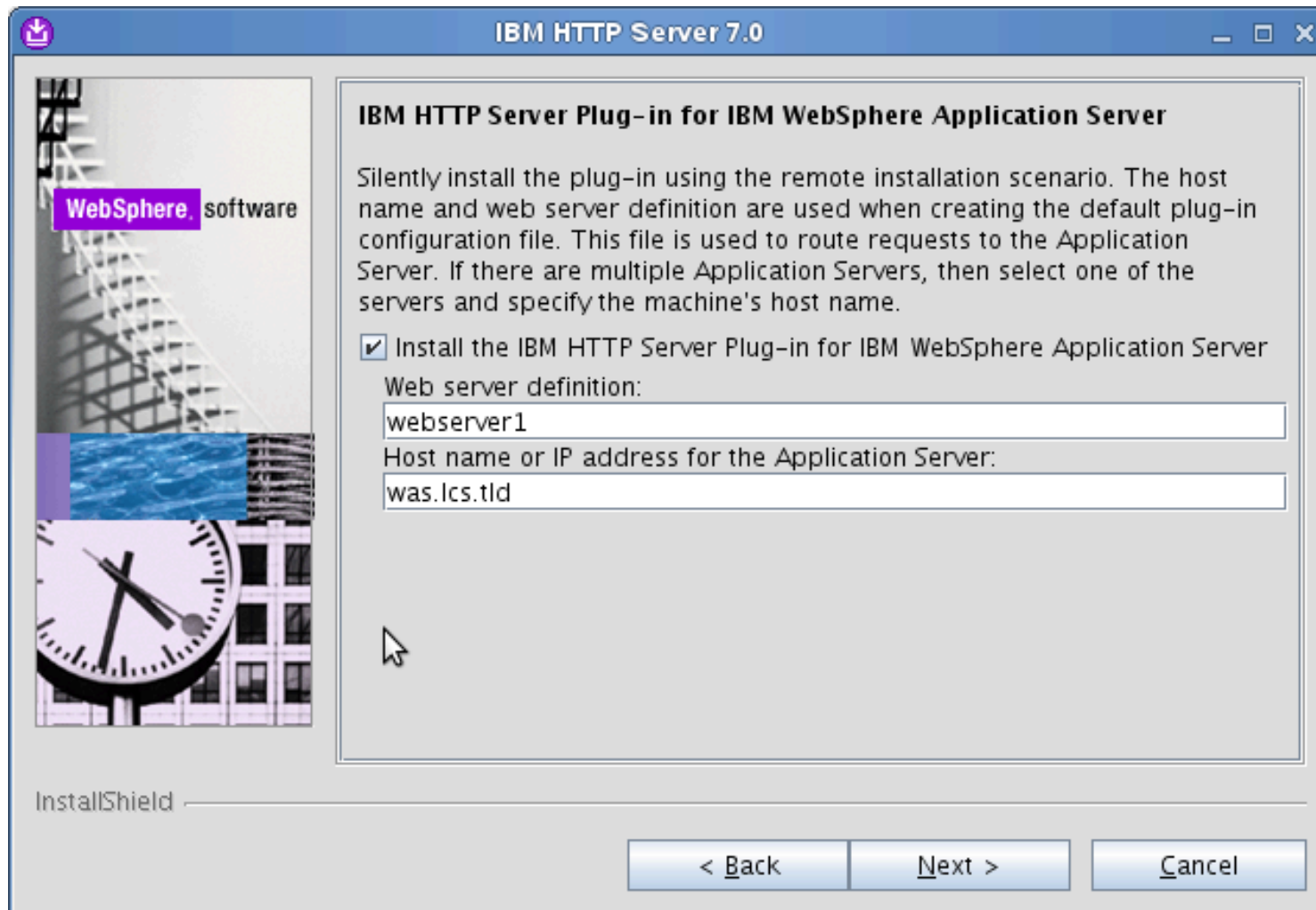
Password:
.....

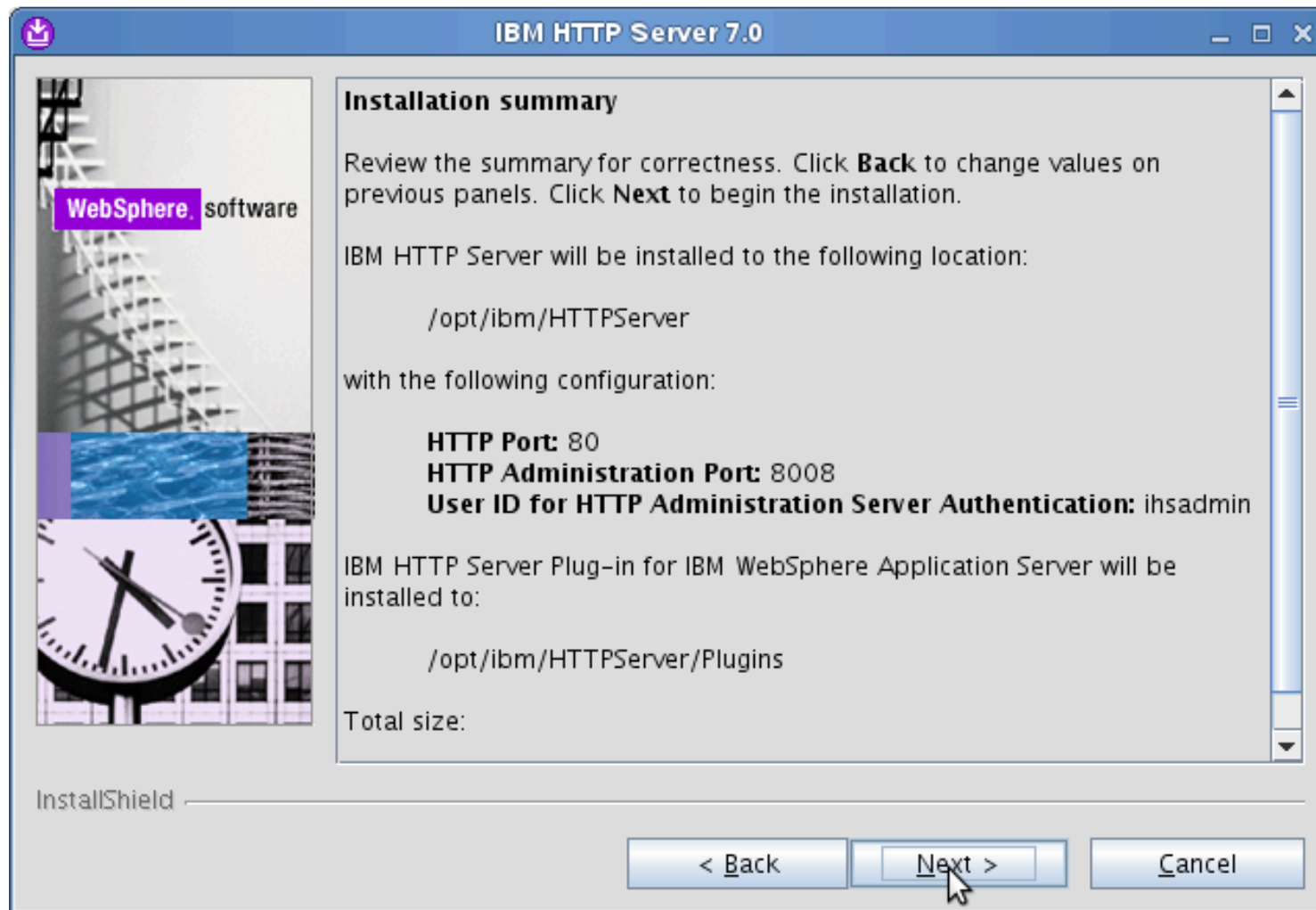
Confirm Password:
.....

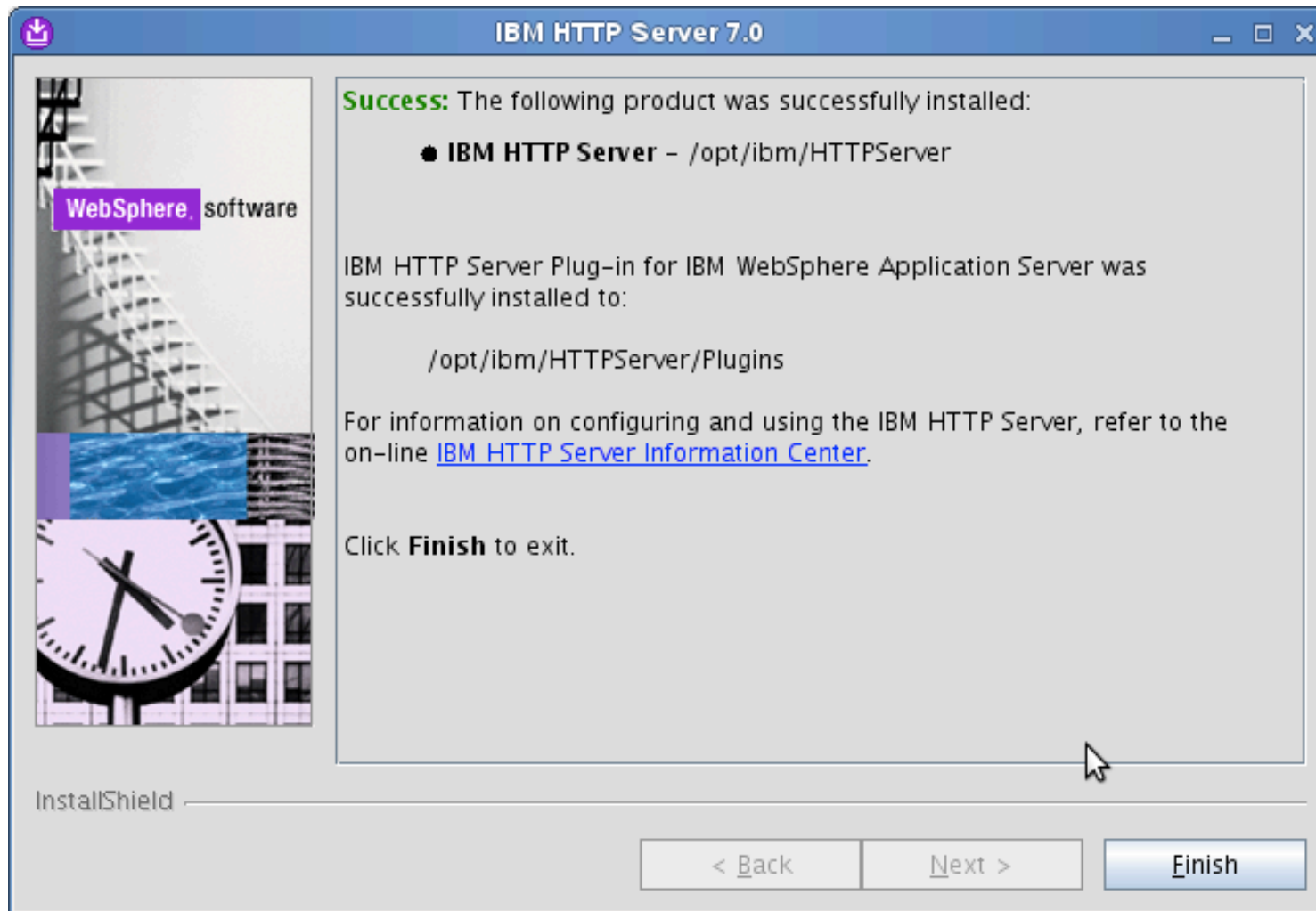
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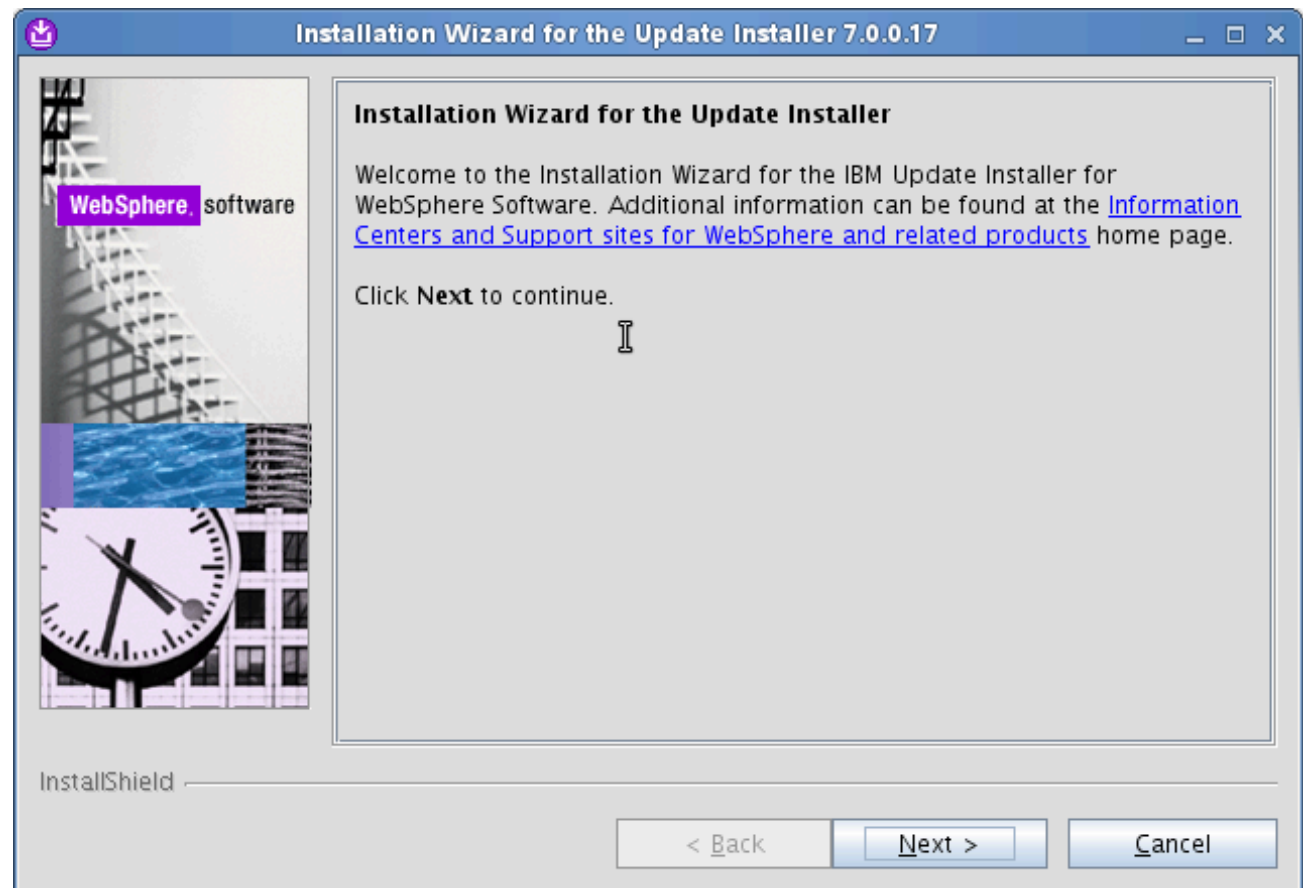
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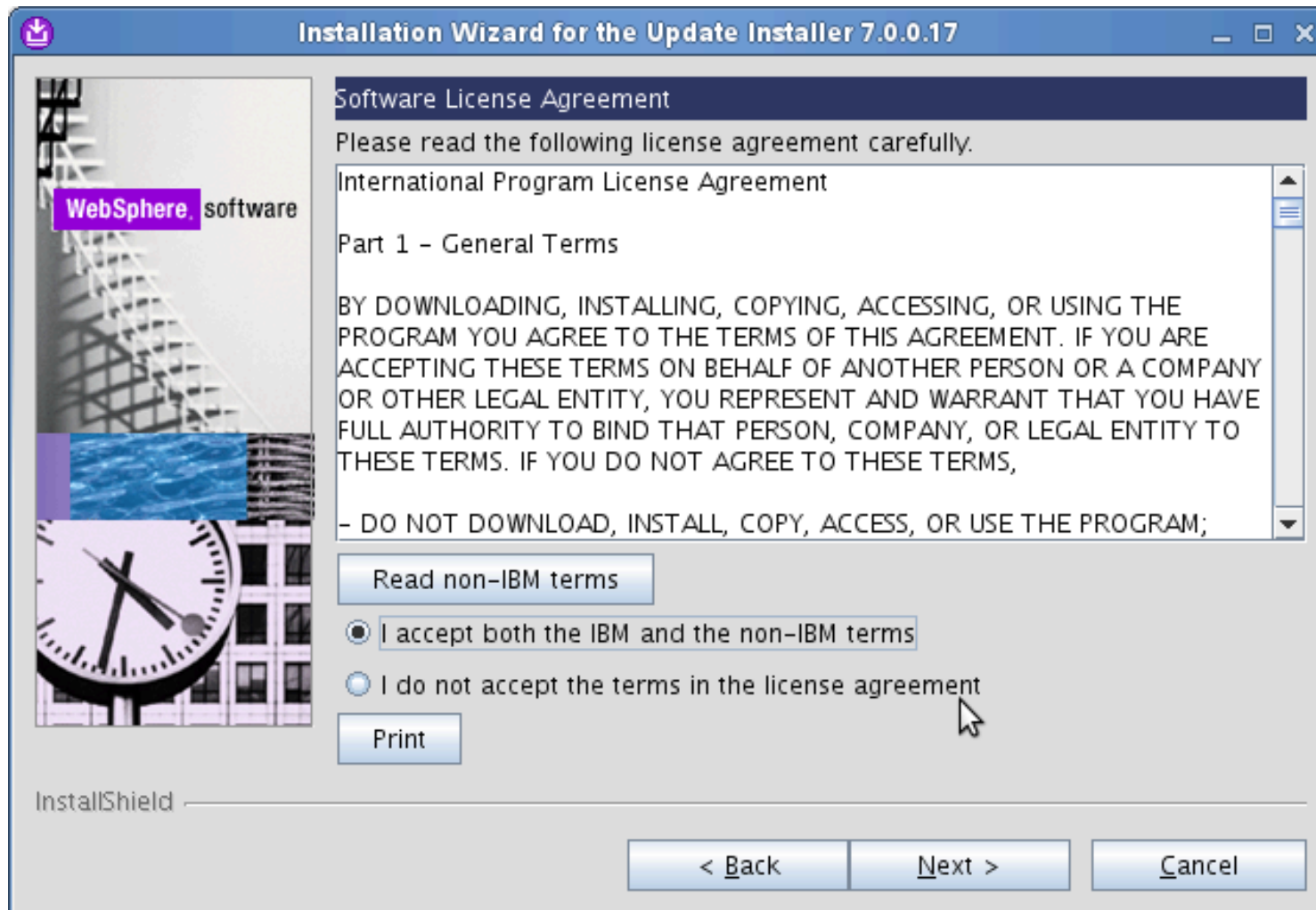
UpdateInstaller installieren

- `tar -xvzf 7.0.0.17-WS-UPDI-LinuxAMD64.tar.gz`
- `cd UpdateInstaller`
- `./install`



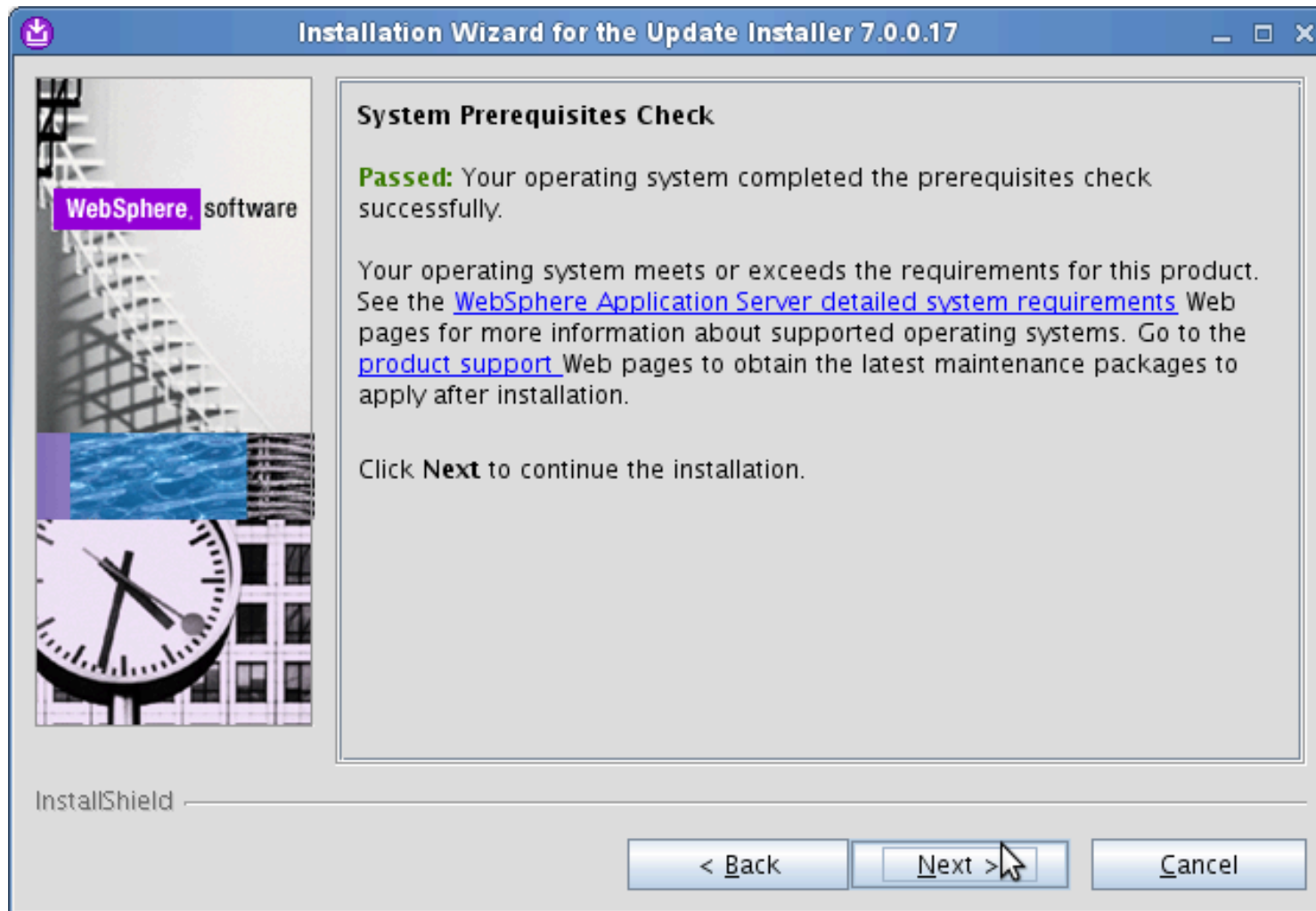


UpdateInstaller installieren (2)



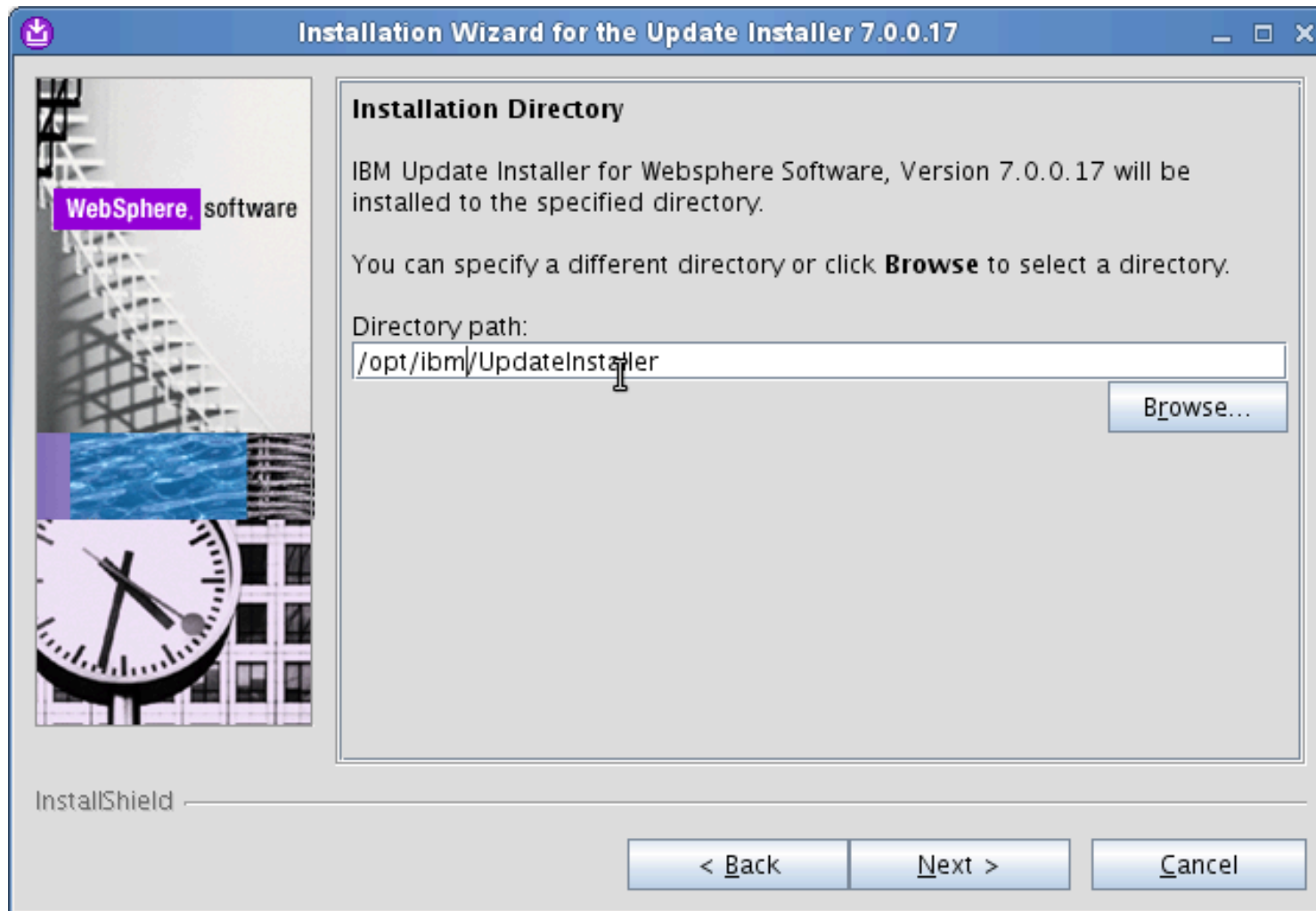


UpdateInstaller installieren (3)



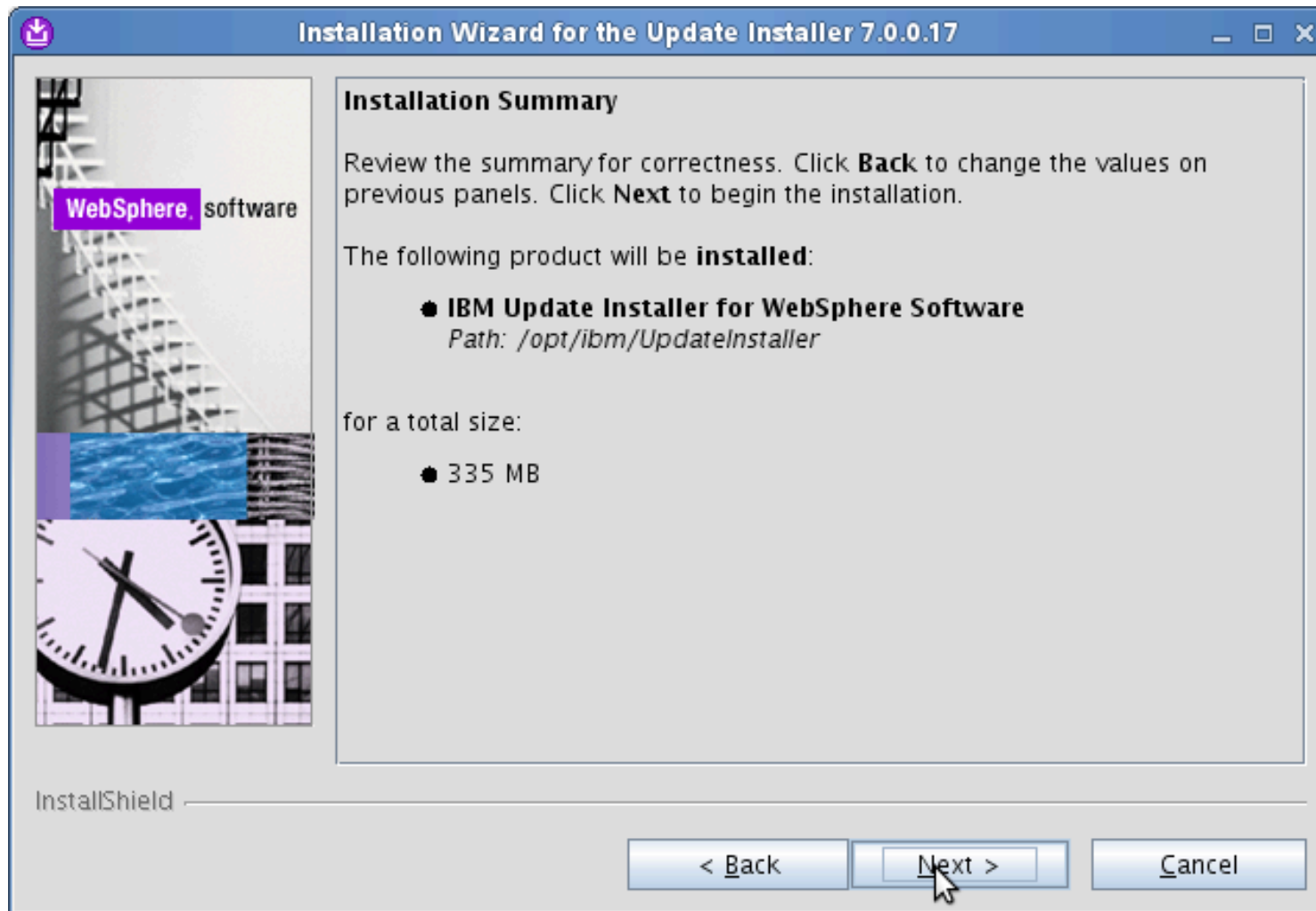


UpdateInstaller installieren (4)



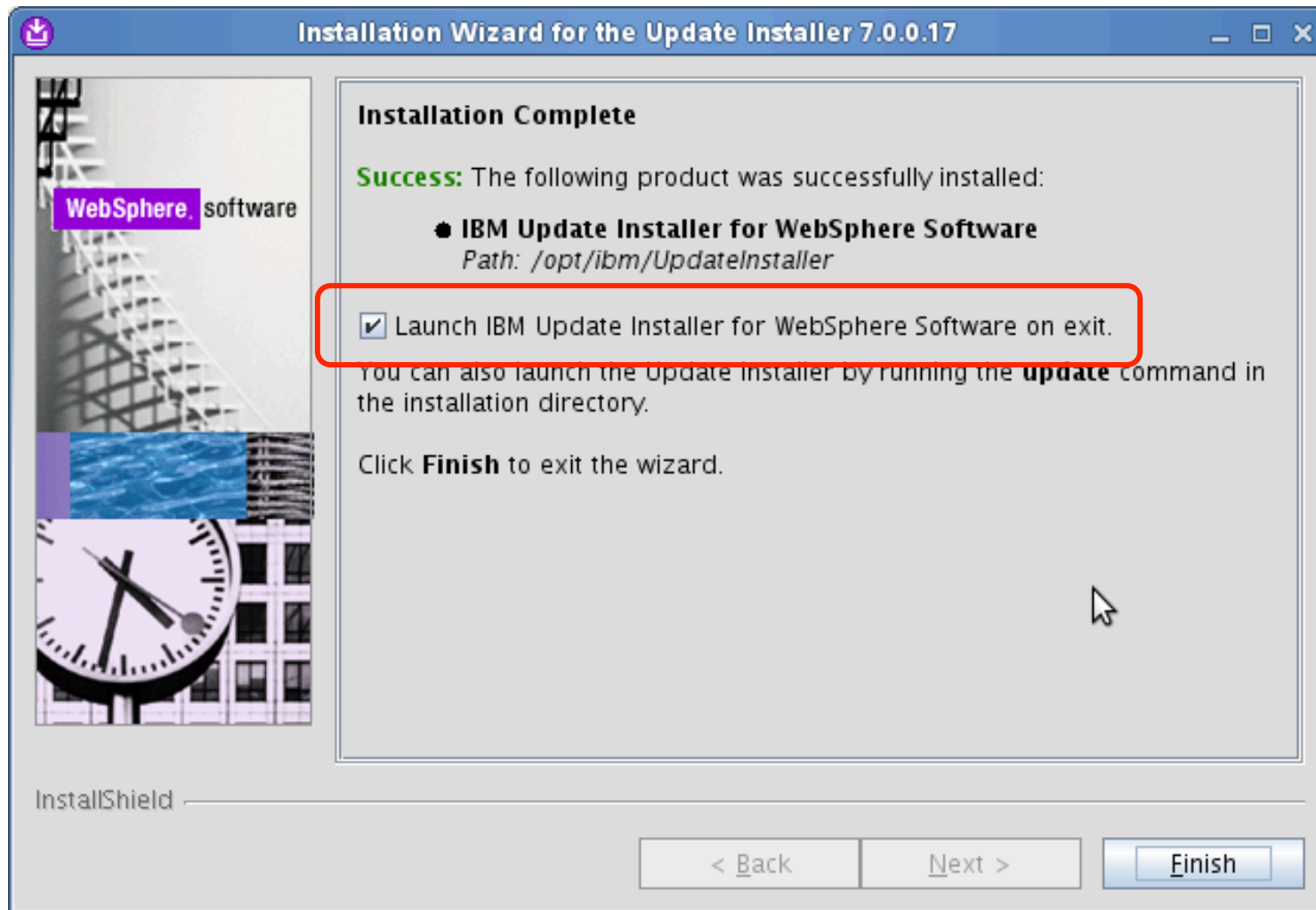


UpdateInstaller installieren (5)





UpdateInstaller installieren (6)





Pre-Install

- ☒ WebSphere
- ☒ IHS und WAS Plugins
- ☒ WebSphere UpdateInstaller
- ☐ Fixes für WAS
- ☐ Fixes für IHS
- ☐ Fixes für Plugins
- ☐ DB2
- ☐ DB2 Lizenz
- ☐ TDI
- ☐ TDI Fixpack

Pre-Install Konfiguration

- ☐ Start Dmgr
- ☐ WAS Security

- ☐ DB Wizard
- ☐ Profile Population

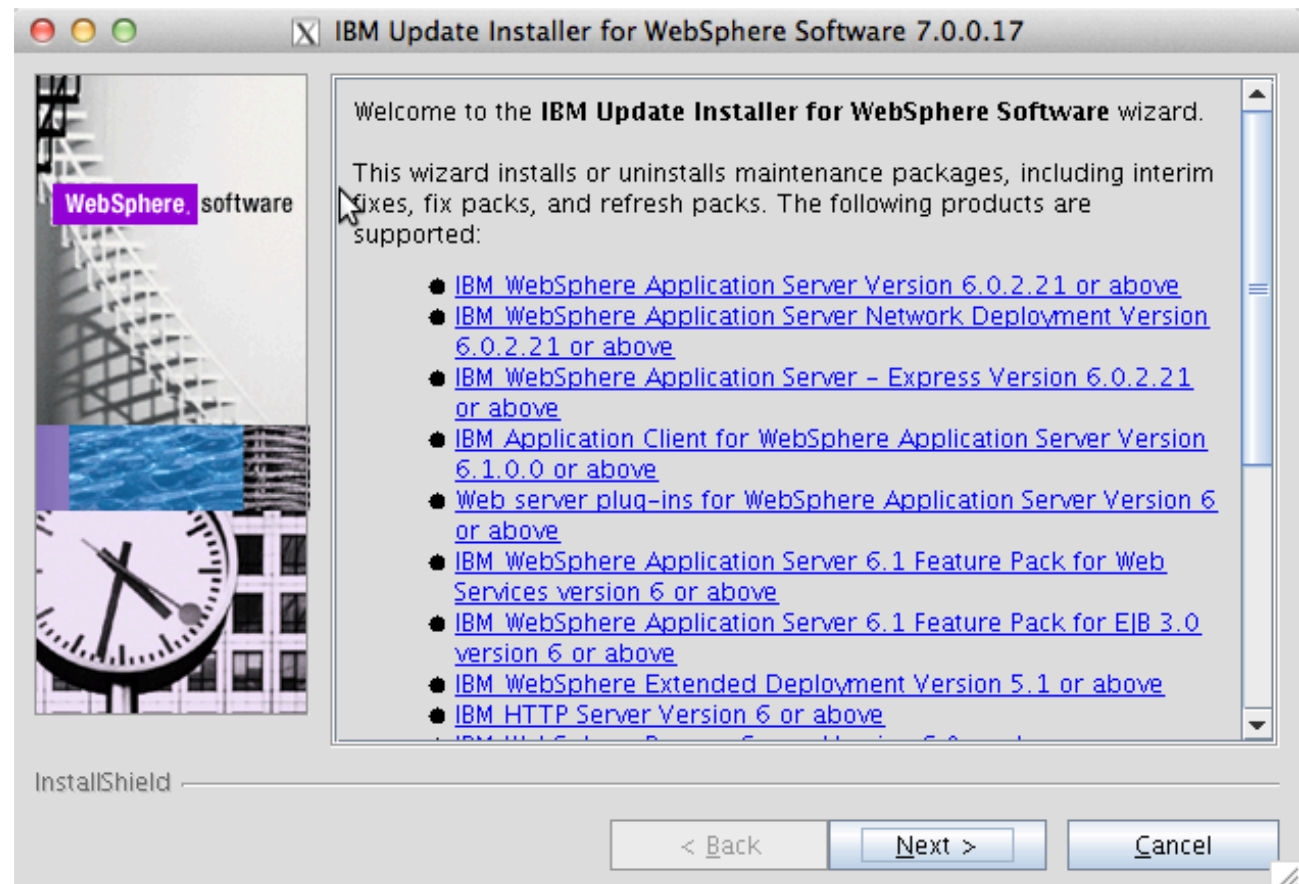
LC Installation

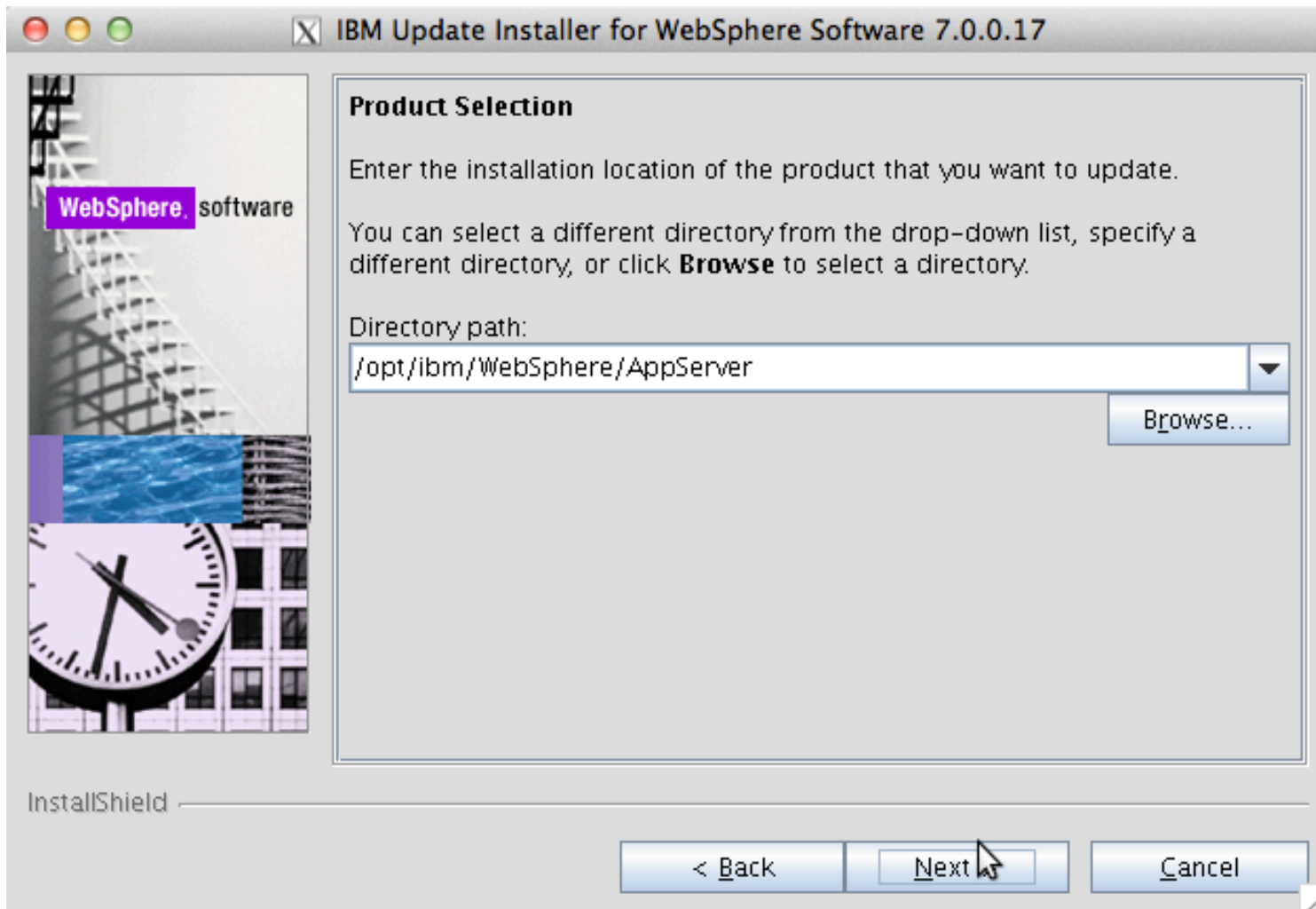
- ☐ LC Installer

Post-Install Konfiguration

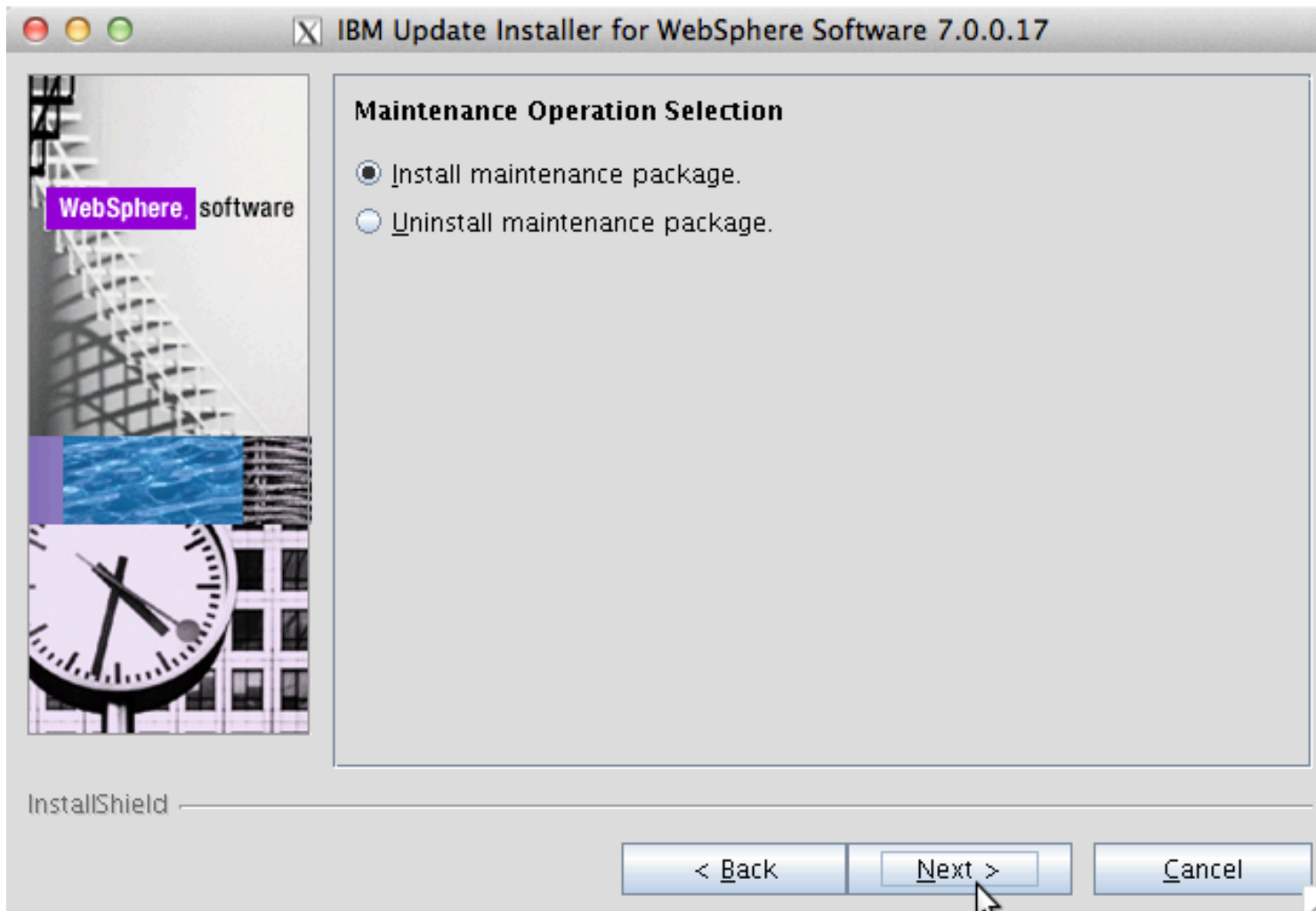
- ☐ IHS
- ☐ SSL für IHS
- ☐ Zertifikate importieren
- ☐ Web Adressen zuordnen
- ☐ Connections starten
- ☐ Zugriffe testen
- ☐ Security und Admins
- ☐ Blogs Homepage

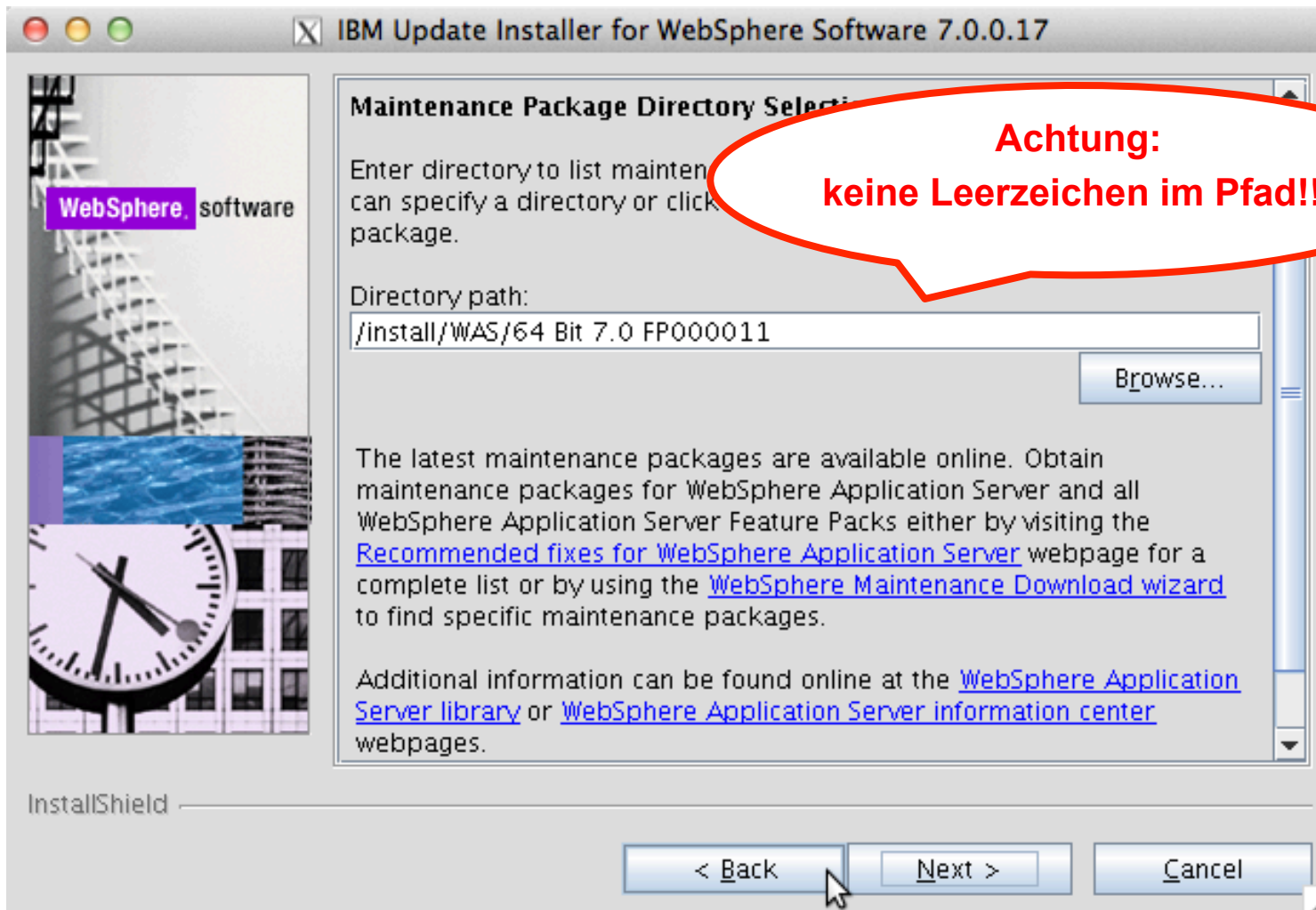
IBM Connections WAS updaten

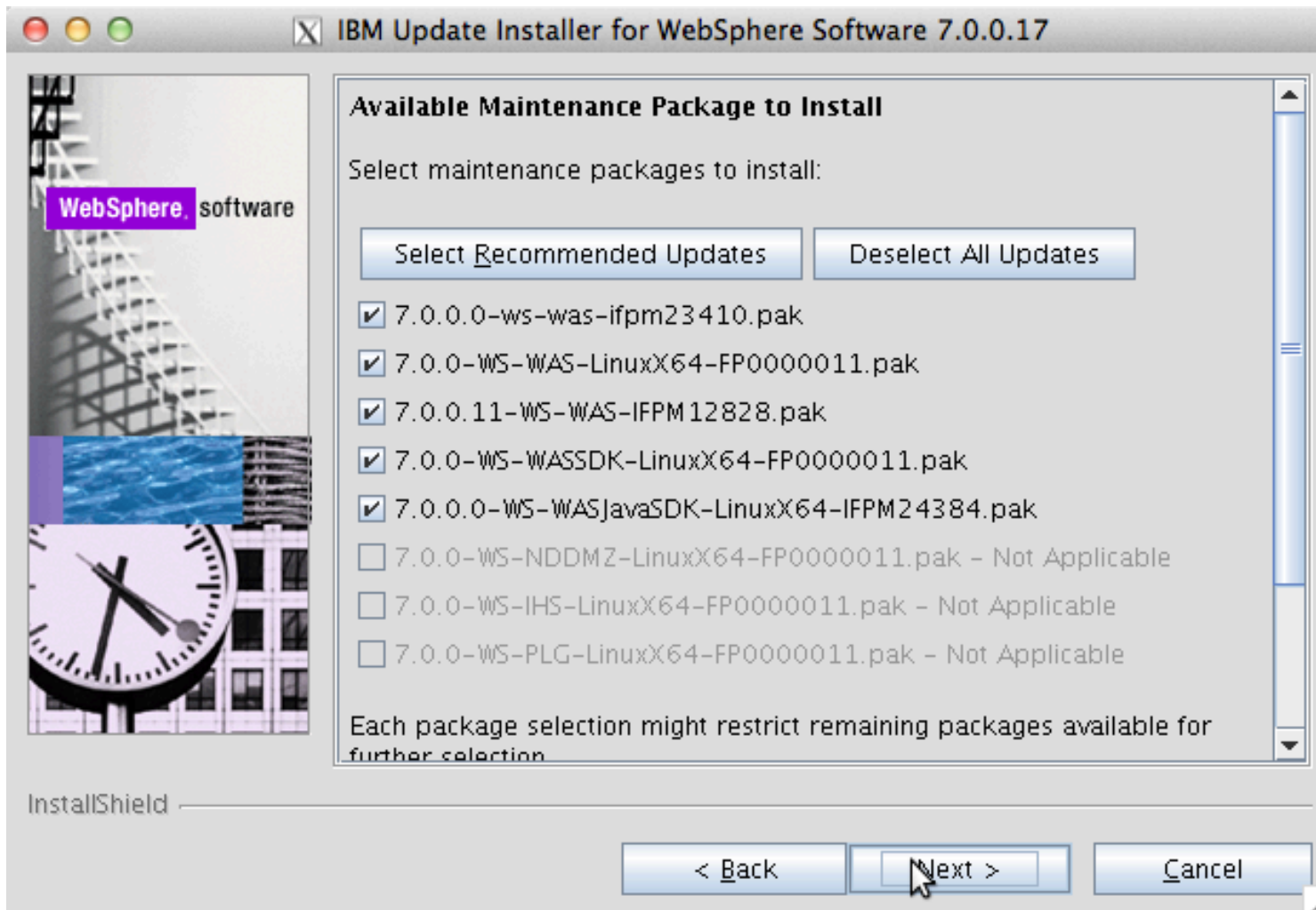


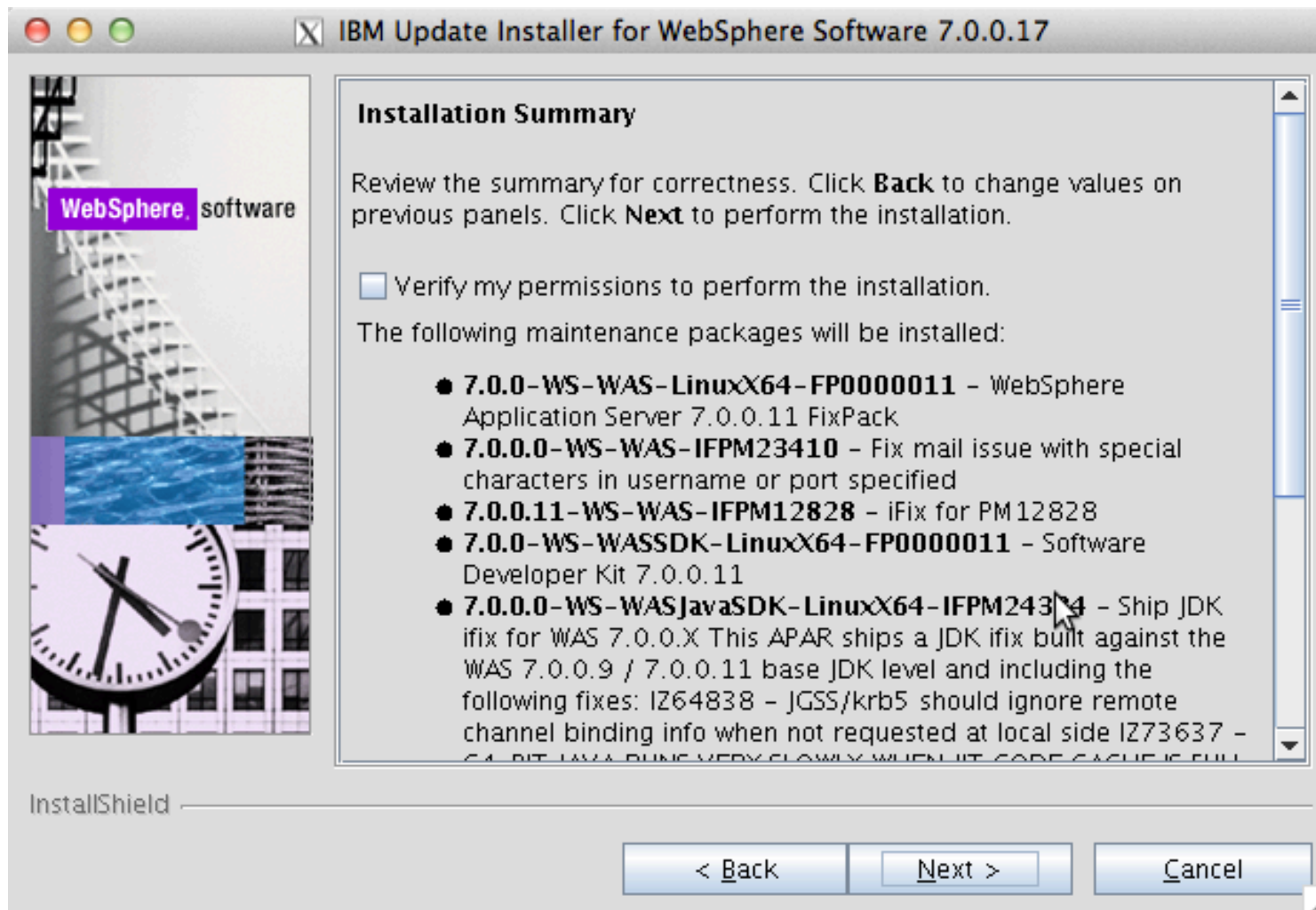


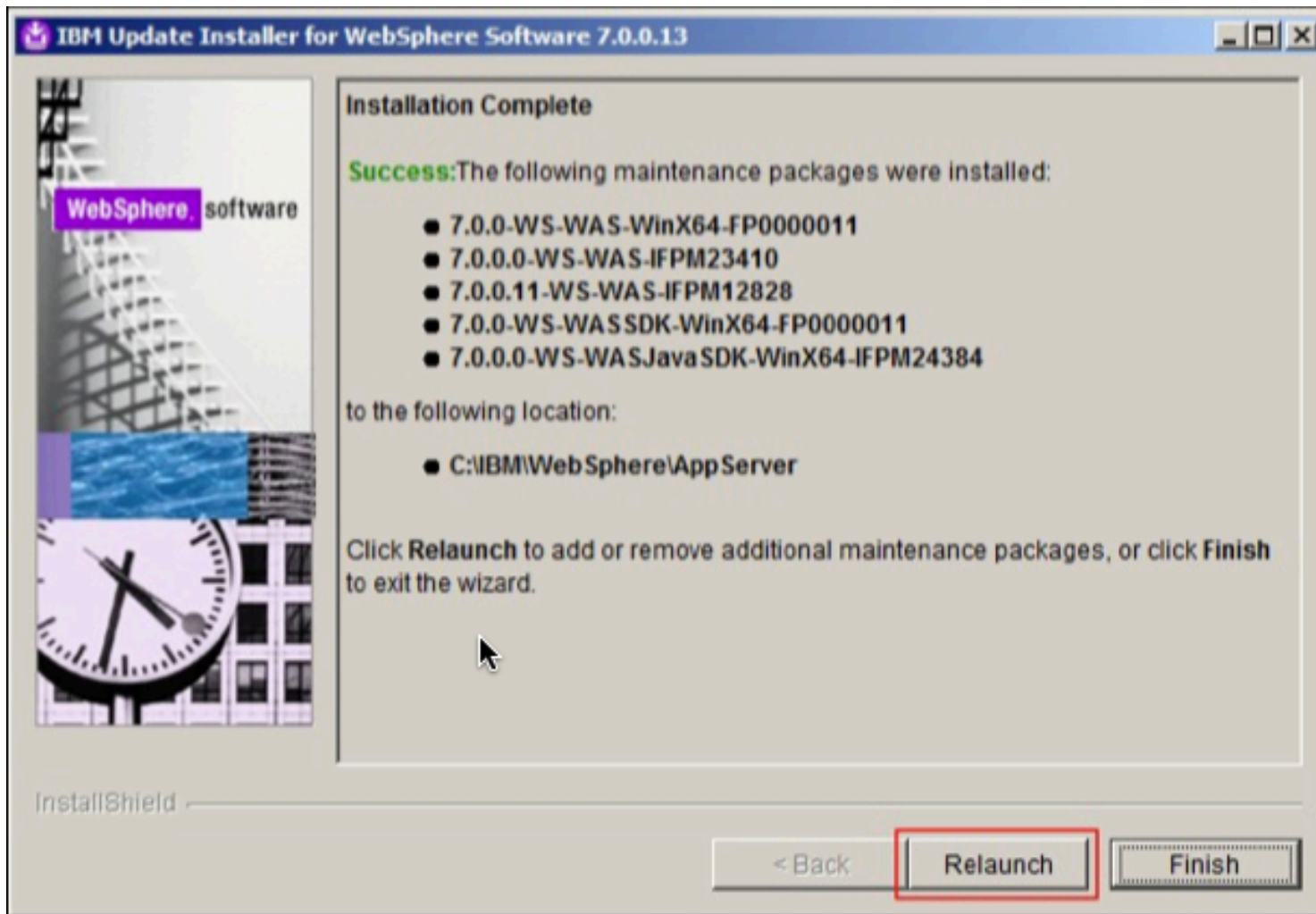
WAS updaten (3)













Pre-Install

- ☒ WebSphere
- ☒ IHS und WAS Plugins
- ☒ WebSphere UpdateInstaller
- ☒ Fixes für WAS
- ☐ Fixes für IHS
- ☐ Fixes für Plugins
- ☐ DB2
- ☐ DB2 Lizenz
- ☐ TDI
- ☐ TDI Fixpack

Pre-Install Konfiguration

- ☐ Start Dmgr
- ☐ WAS Security

- ☐ DB Wizard
- ☐ Profile Population

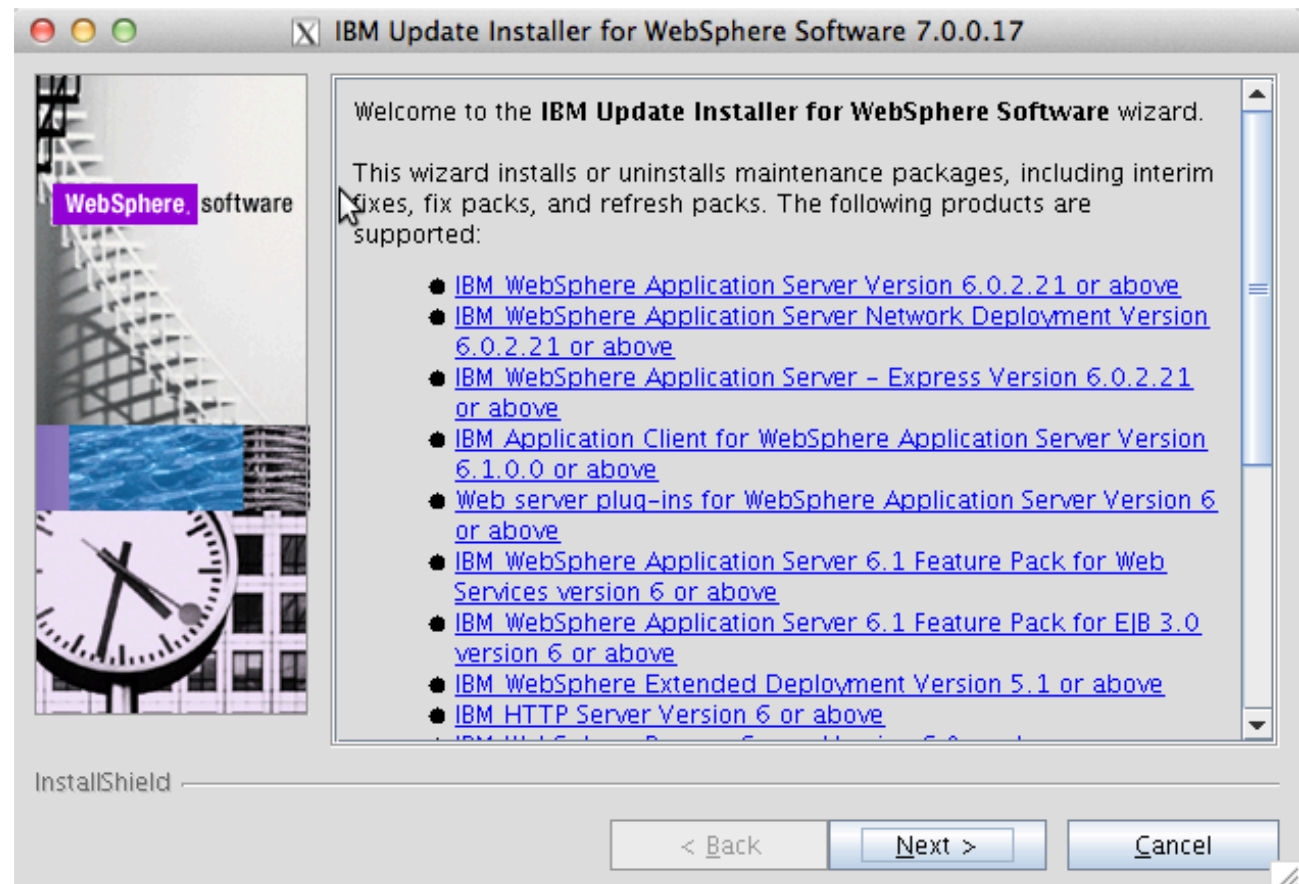
LC Installation

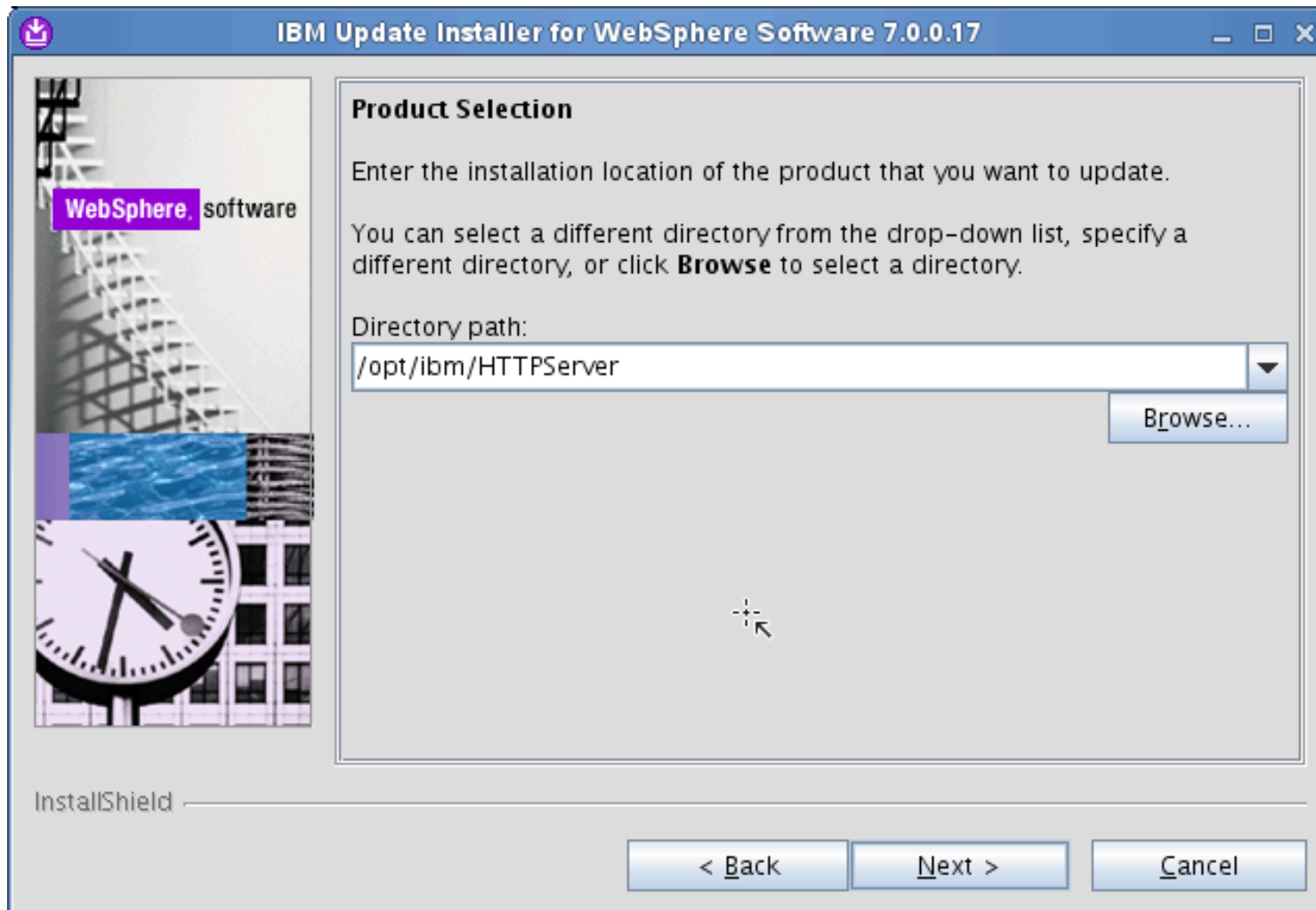
- ☐ LC Installer

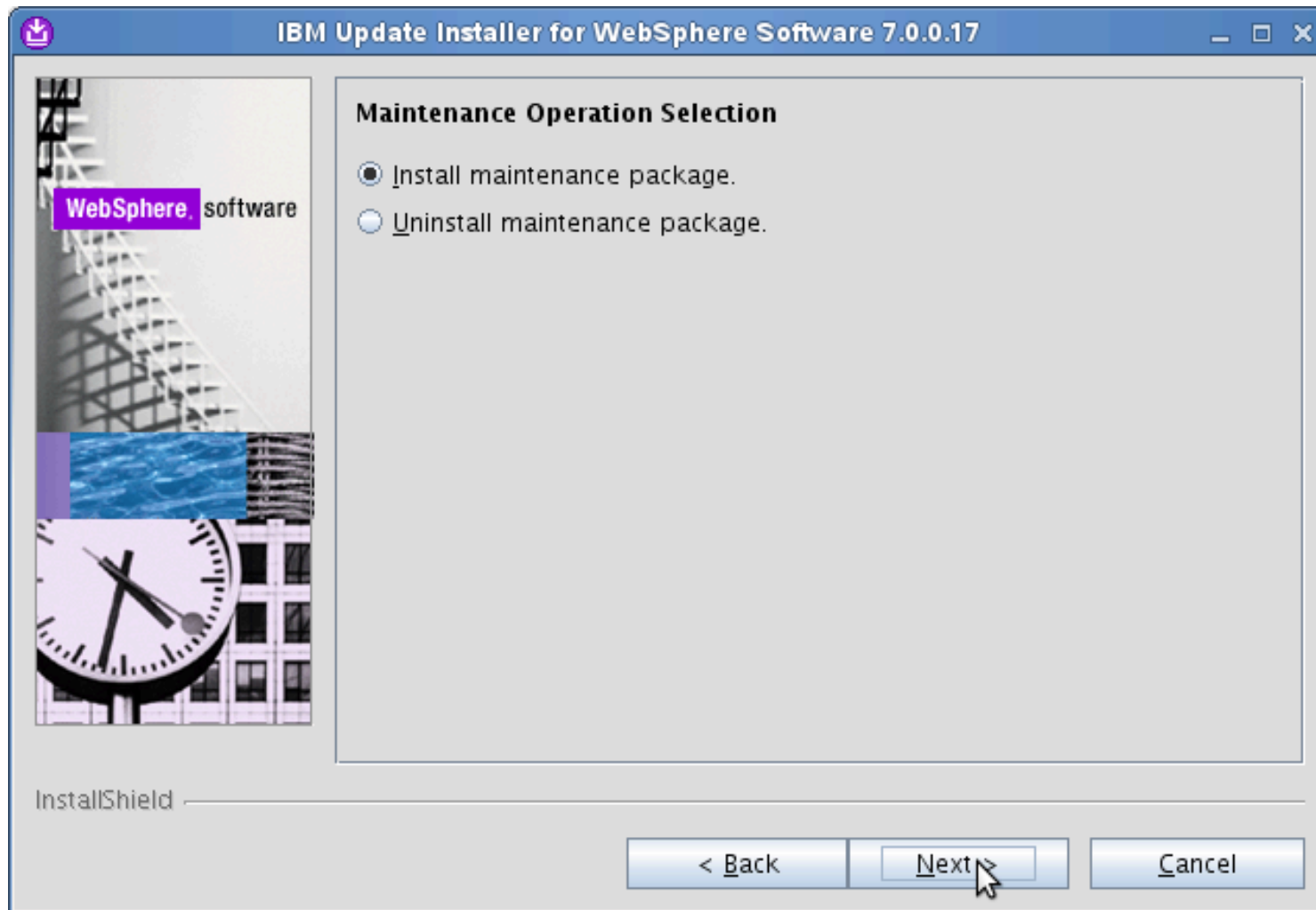
Post-Install Konfiguration

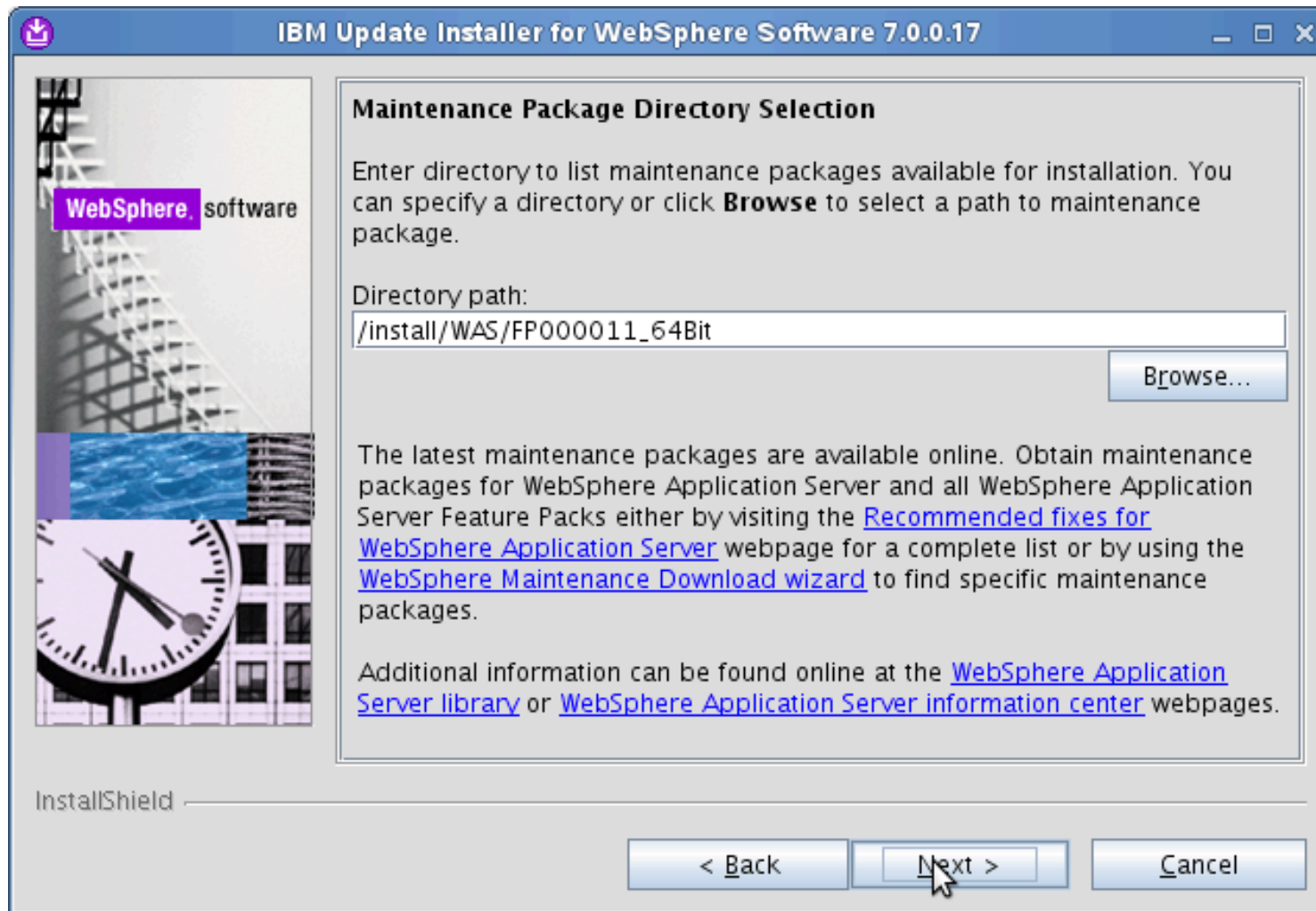
- ☐ IHS
- ☐ SSL für IHS
- ☐ Zertifikate importieren
- ☐ Web Adressen zuordnen
- ☐ Connections starten
- ☐ Zugriffe testen
- ☐ Security und Admins
- ☐ Blogs Homepage

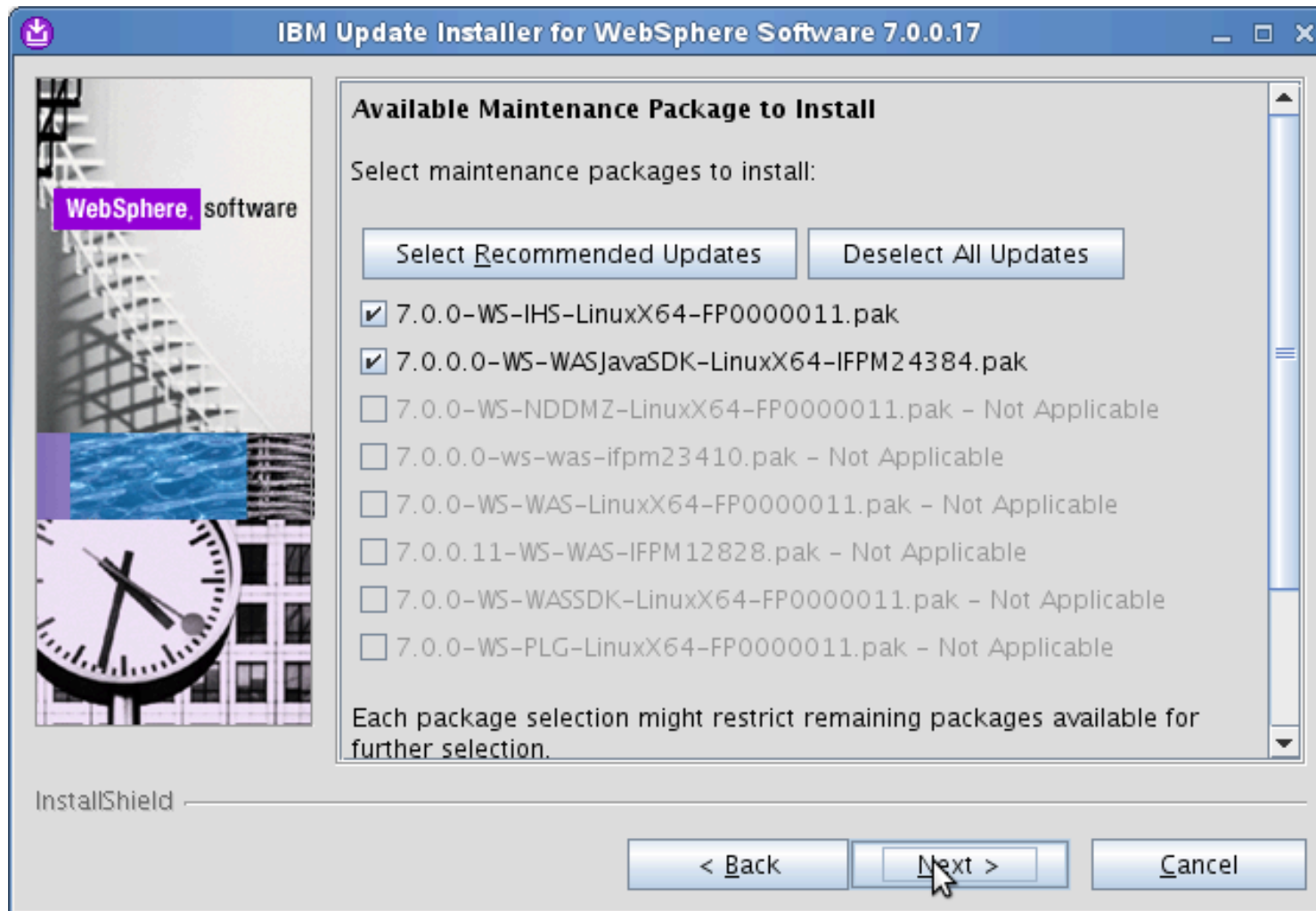
IBM Connections IHS updaten

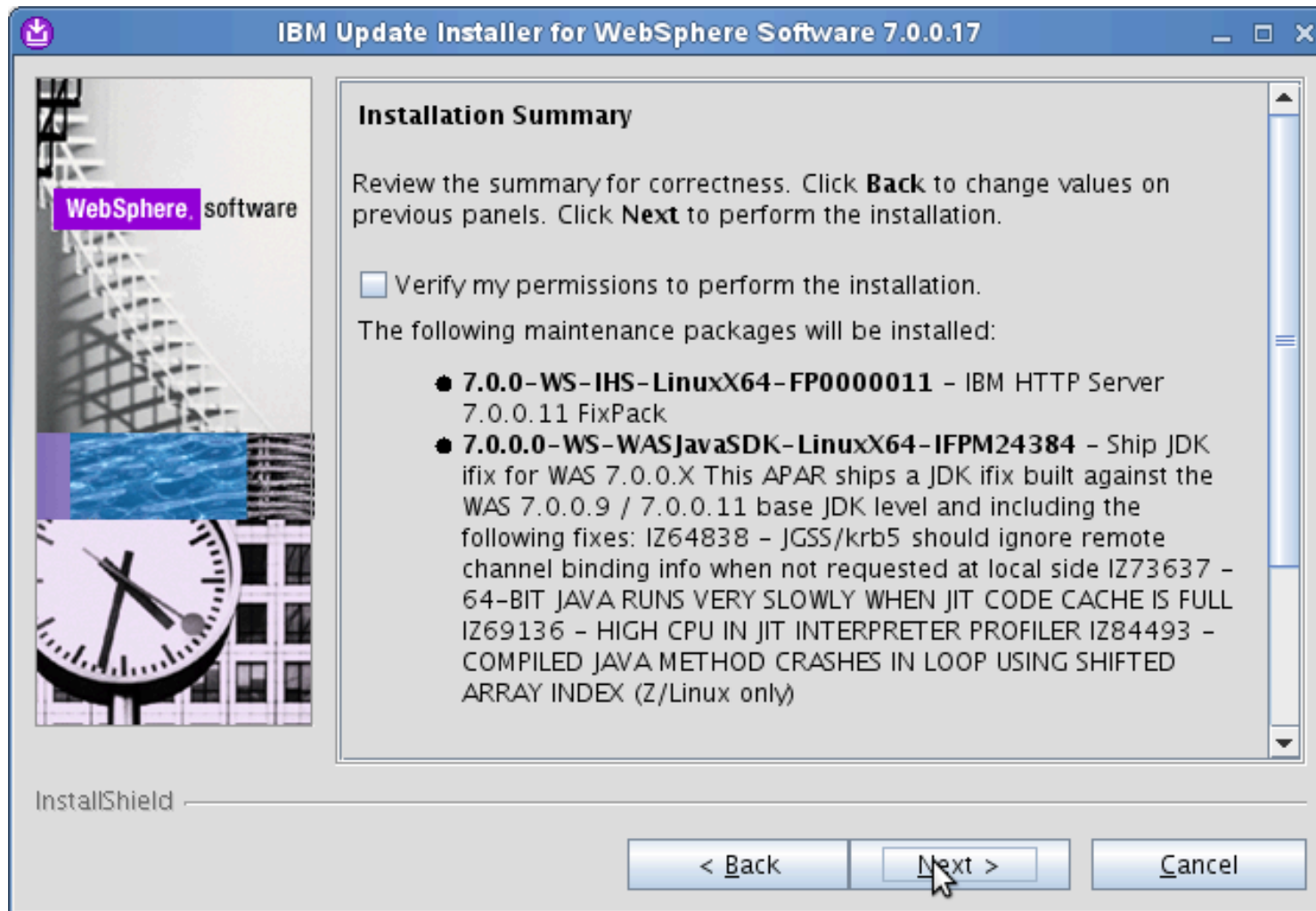


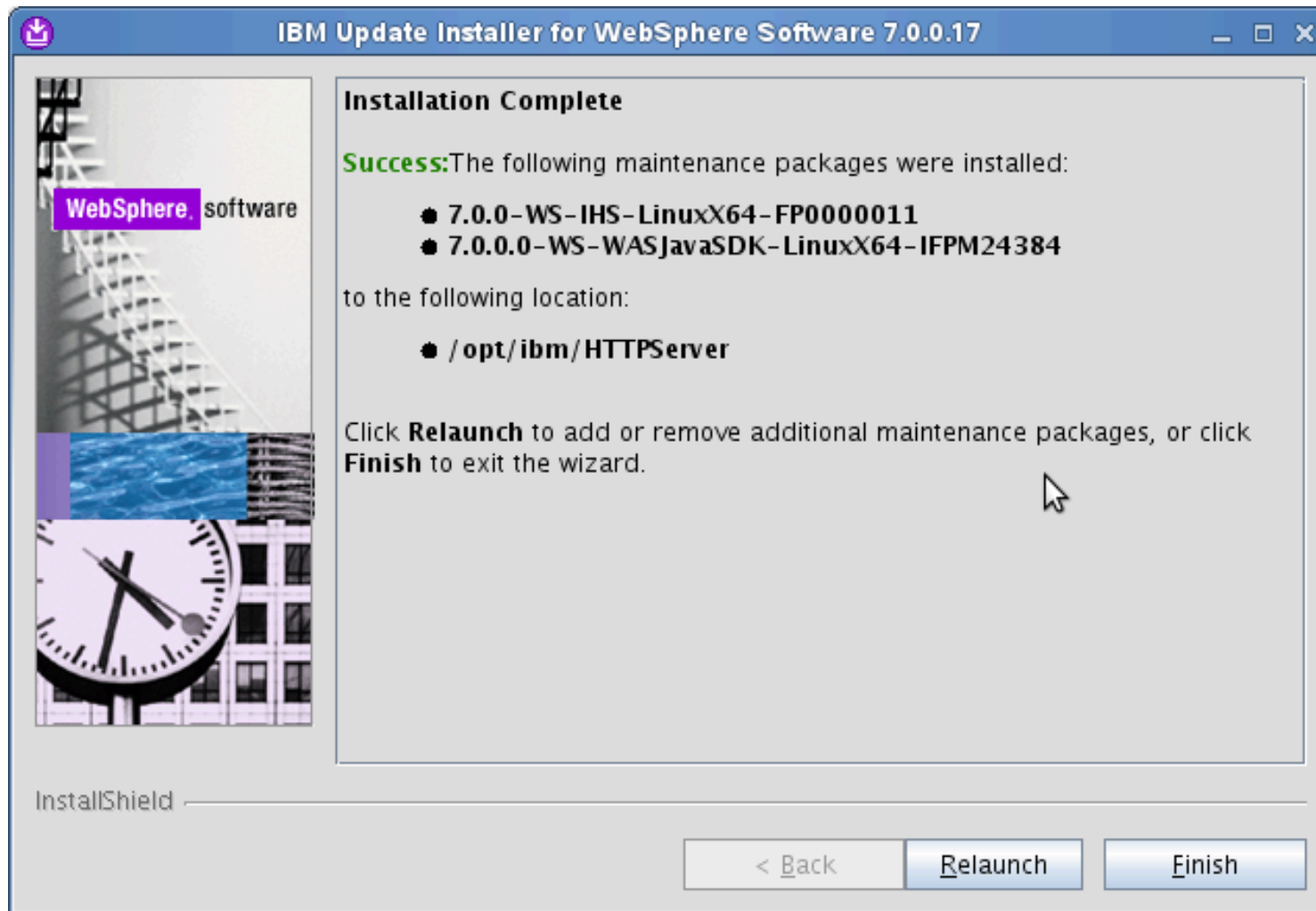














Pre-Install

- ☒ WebSphere
- ☒ IHS und WAS Plugins
- ☒ WebSphere UpdateInstaller
- ☒ Fixes für WAS
- ☒ Fixes für IHS
- ☐ Fixes für Plugins
- ☐ DB2
- ☐ DB2 Lizenz
- ☐ TDI
- ☐ TDI Fixpack

Pre-Install Konfiguration

- ☐ Start Dmgr
- ☐ WAS Security

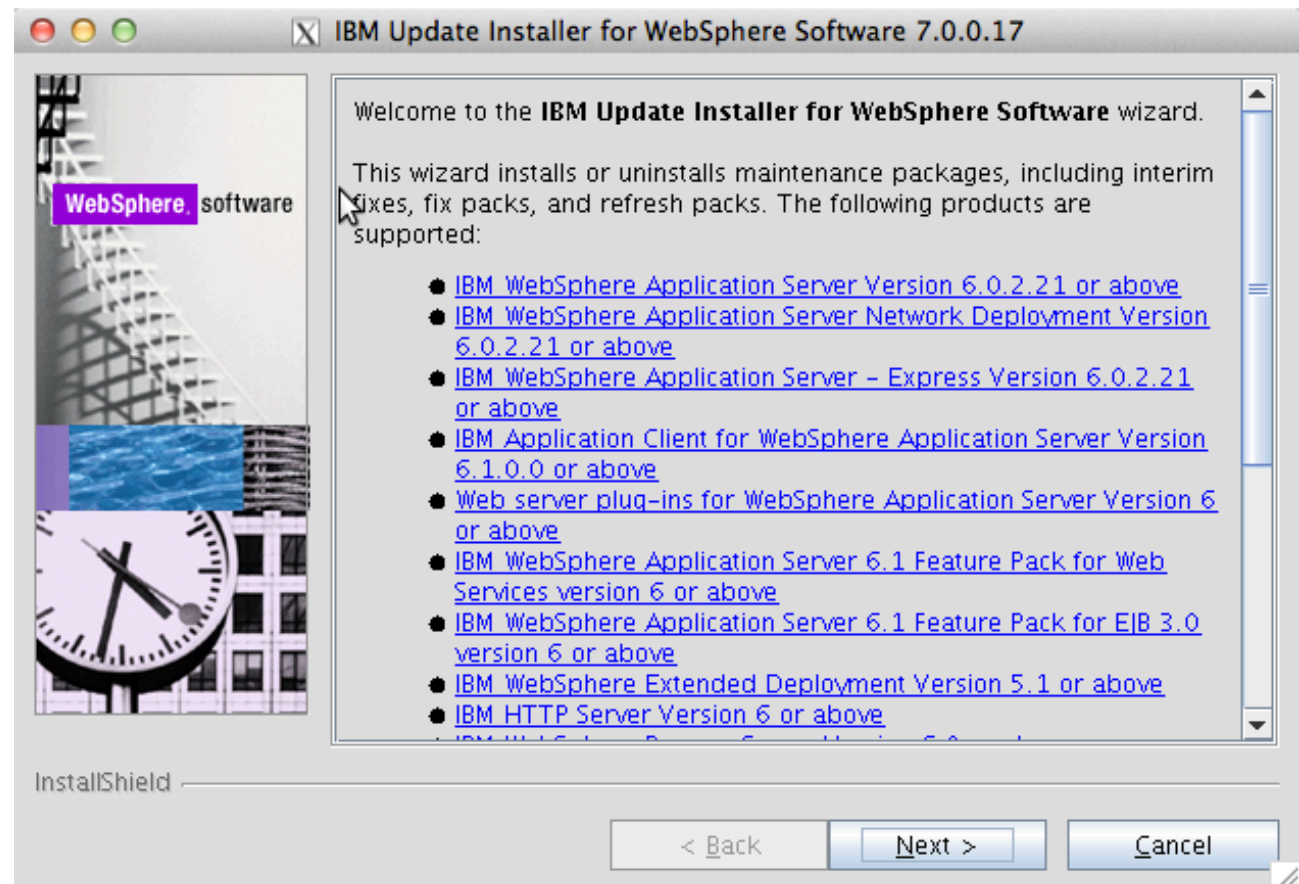
- ☐ DB Wizard
- ☐ Profile Population

LC Installation

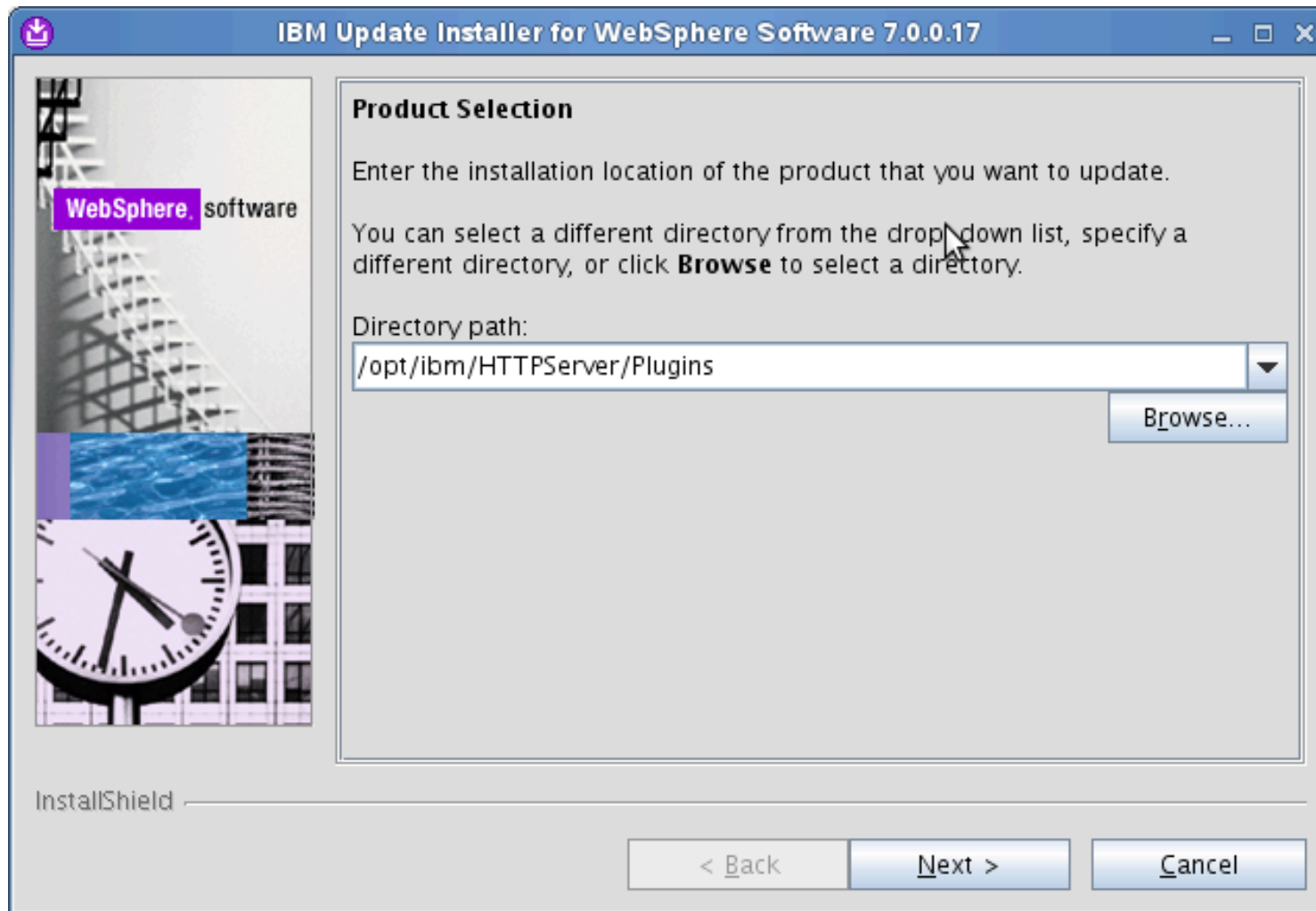
- ☐ LC Installer

Post-Install Konfiguration

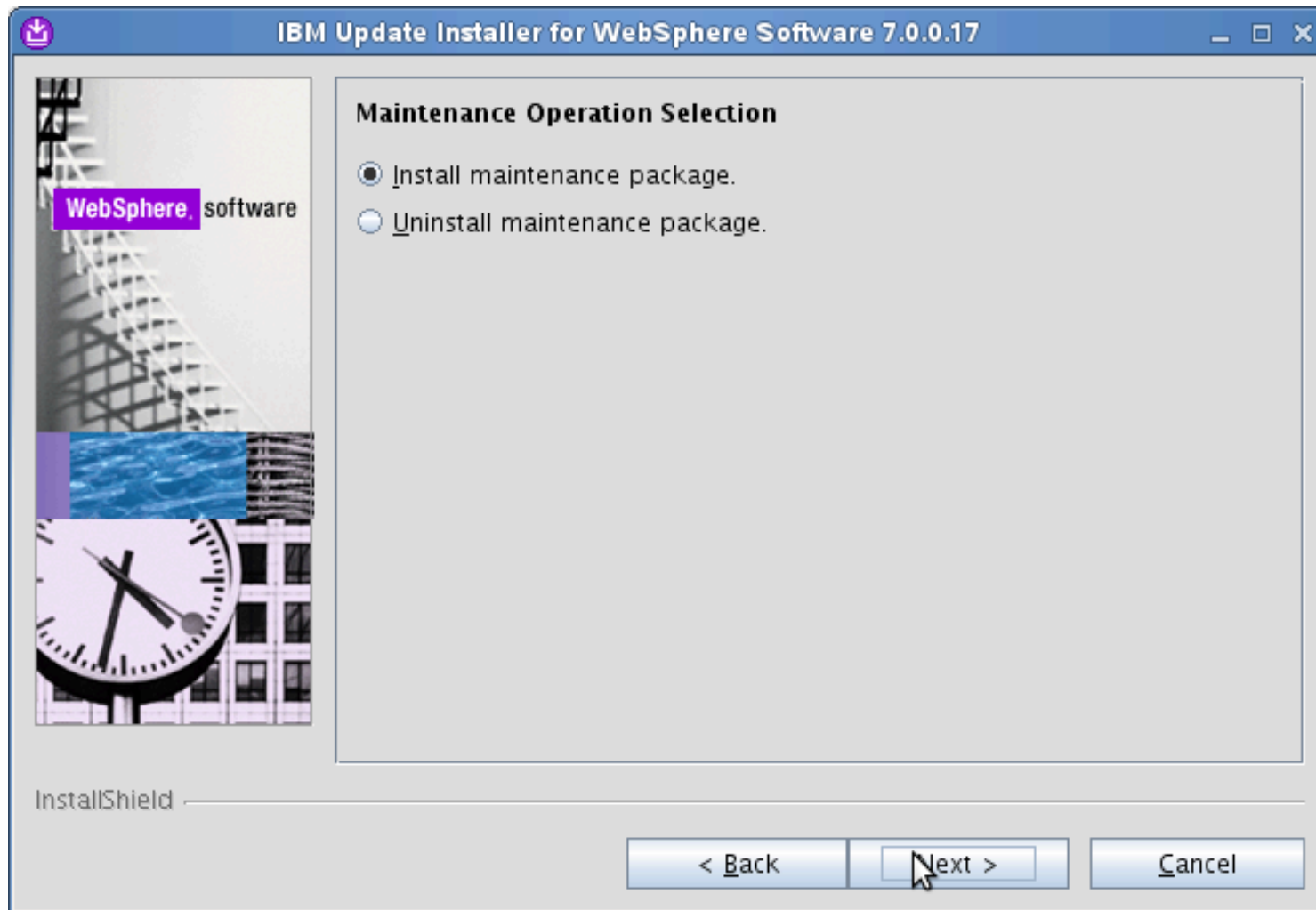
- ☐ IHS
- ☐ SSL für IHS
- ☐ Zertifikate importieren
- ☐ Web Adressen zuordnen
- ☐ Connections starten
- ☐ Zugriffe testen
- ☐ Security und Admins
- ☐ Blogs Homepage



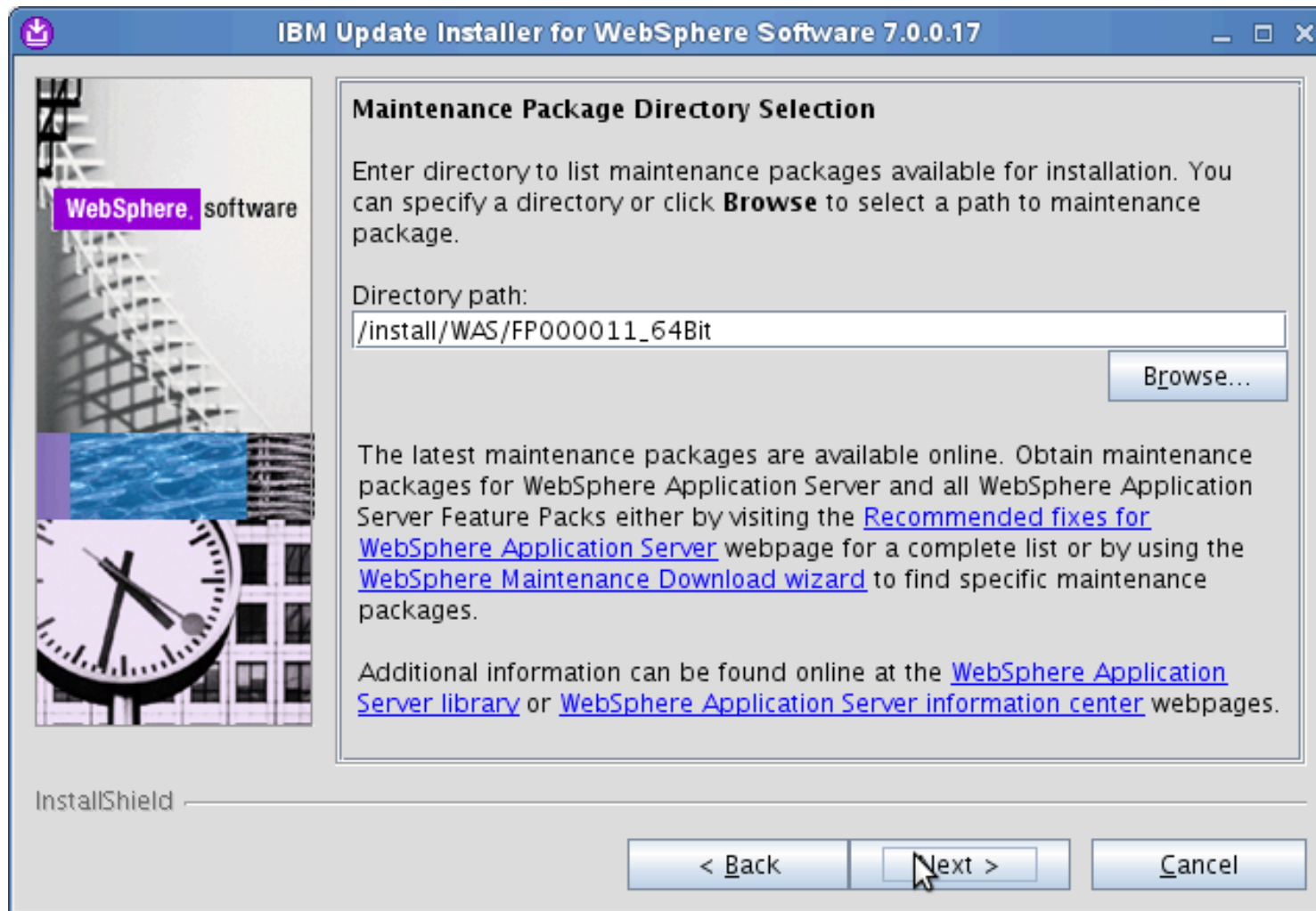
Plugins updaten (2)



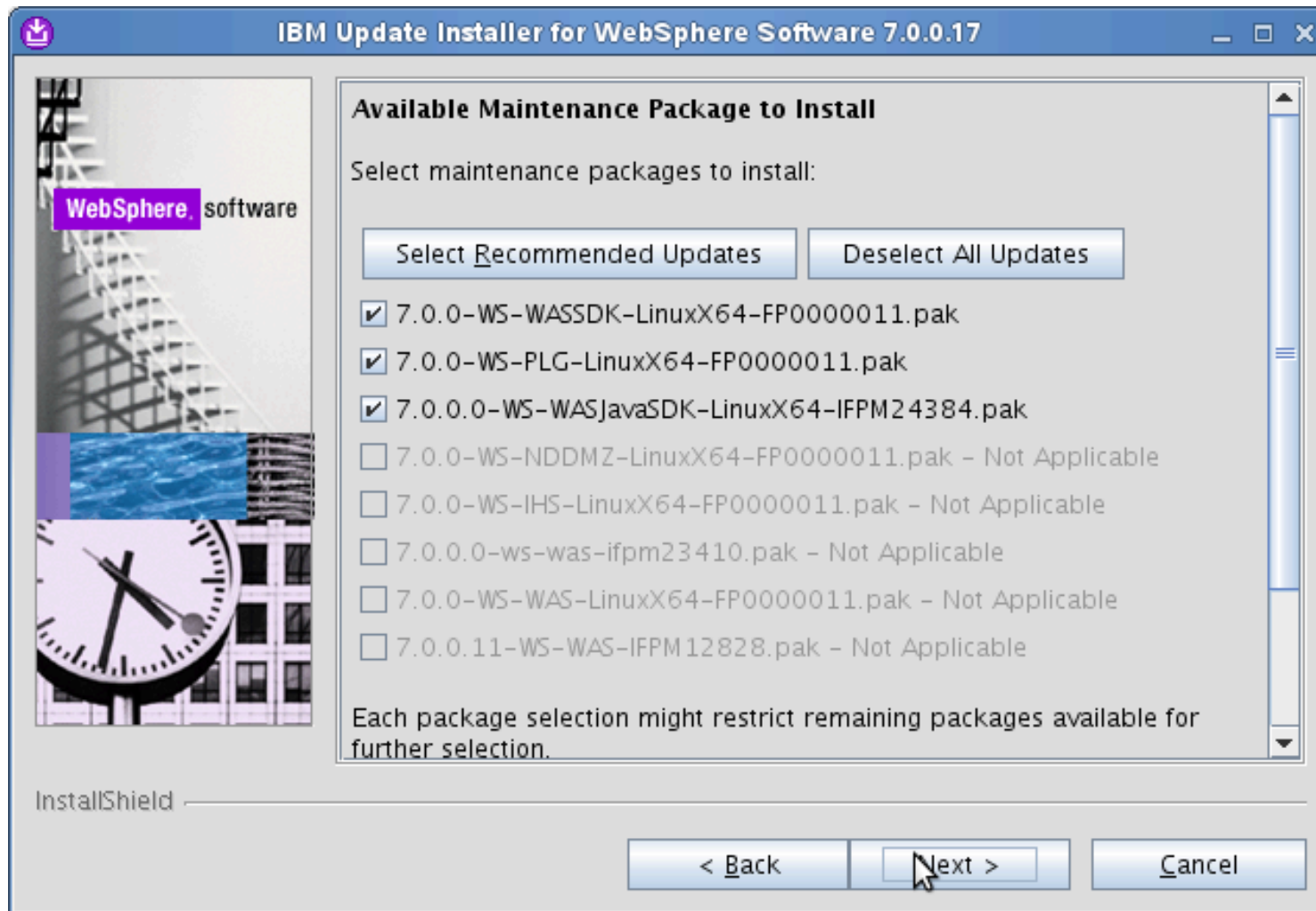
Plugins updaten (3)

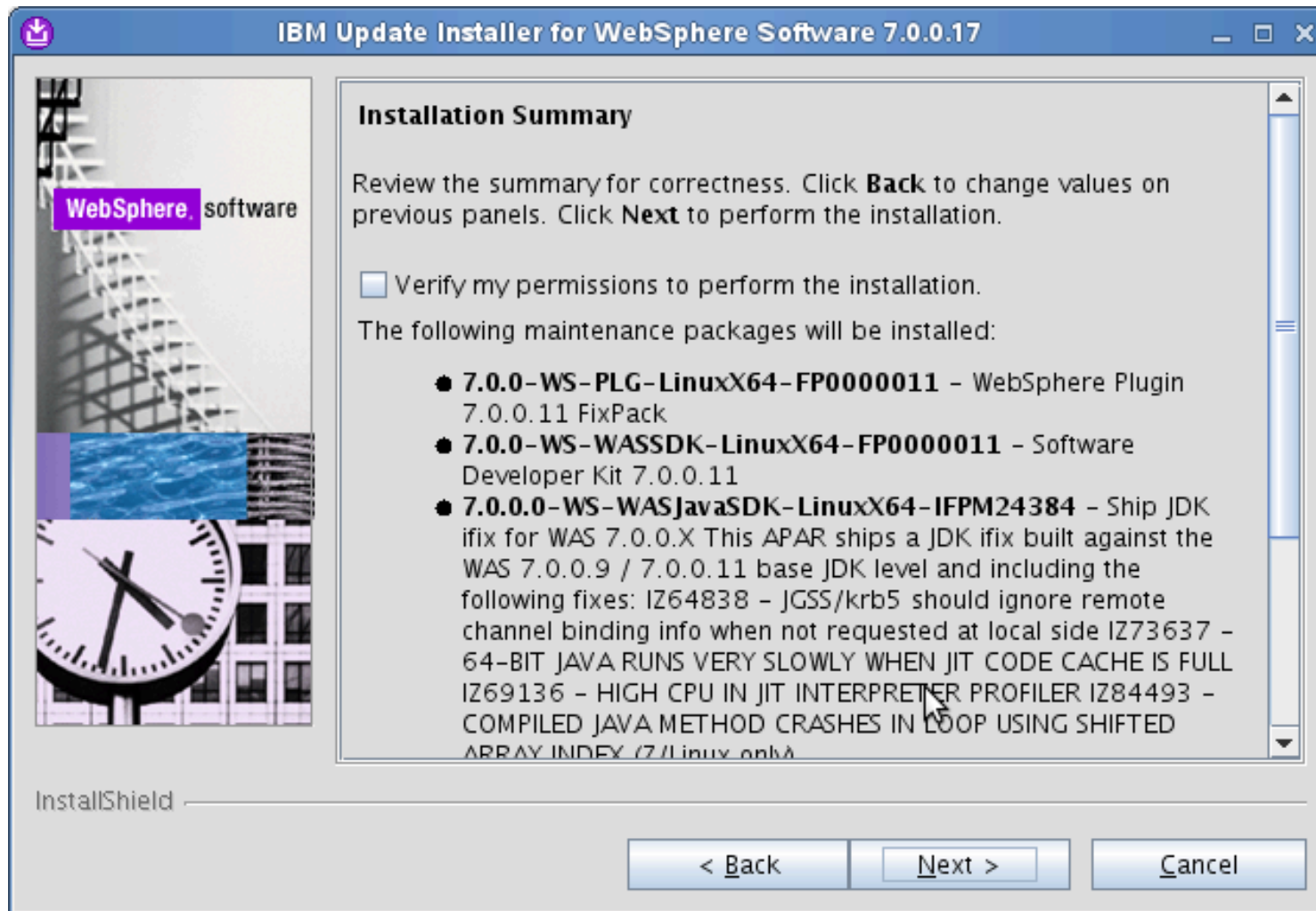


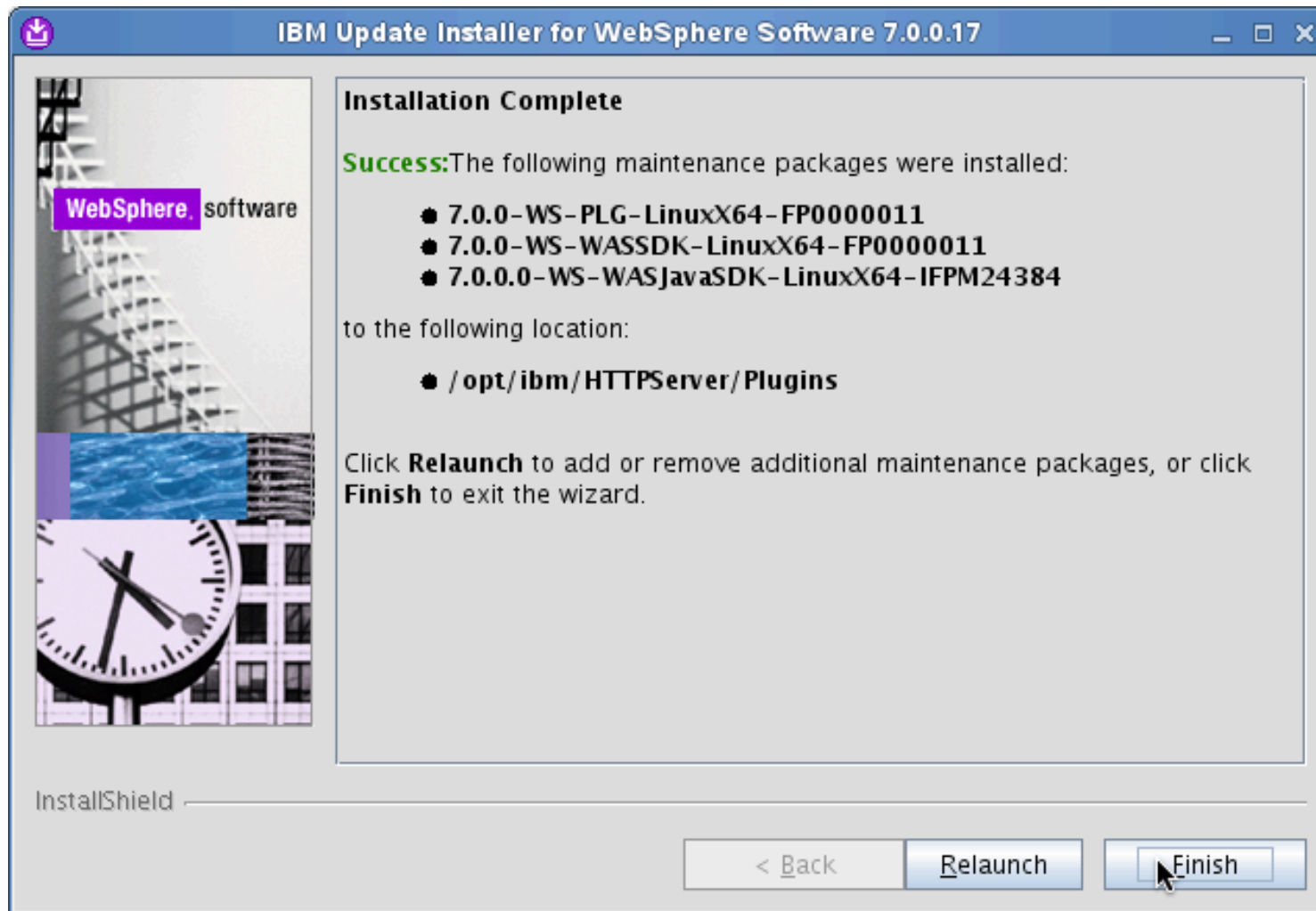
Plugins updaten (4)



Plugins updaten (5)









Pre-Install

- ☒ WebSphere
- ☒ IHS und WAS Plugins
- ☒ WebSphere UpdateInstaller
- ☒ Fixes für WAS
- ☒ Fixes für IHS
- ☒ Fixes für Plugins
- ☐ DB2
- ☐ DB2 Lizenz
- ☐ TDI
- ☐ TDI Fixpack

Pre-Install Konfiguration

- ☐ Start Dmgr
- ☐ WAS Security

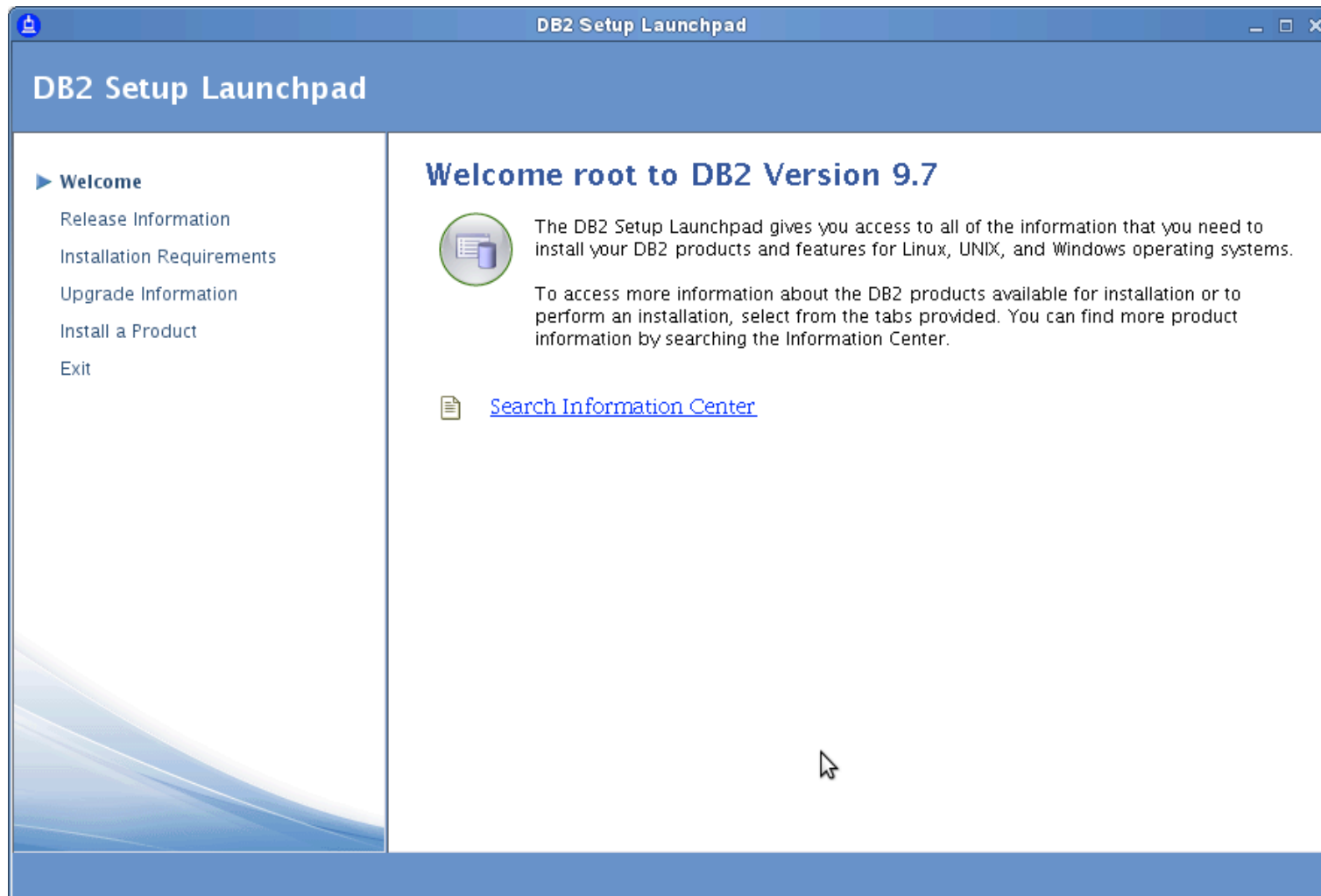
- ☐ DB Wizard
- ☐ Profile Population

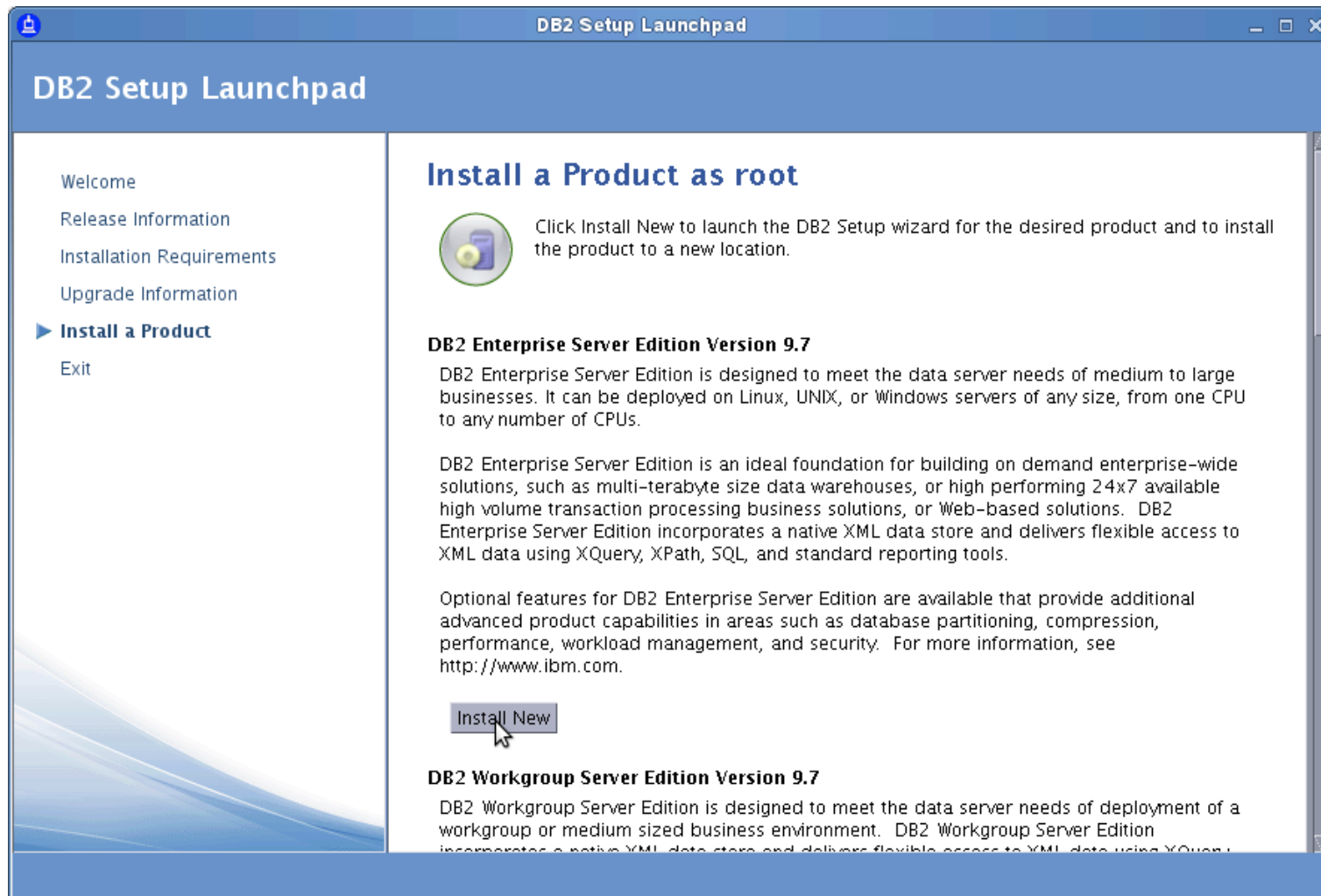
LC Installation

- ☐ LC Installer

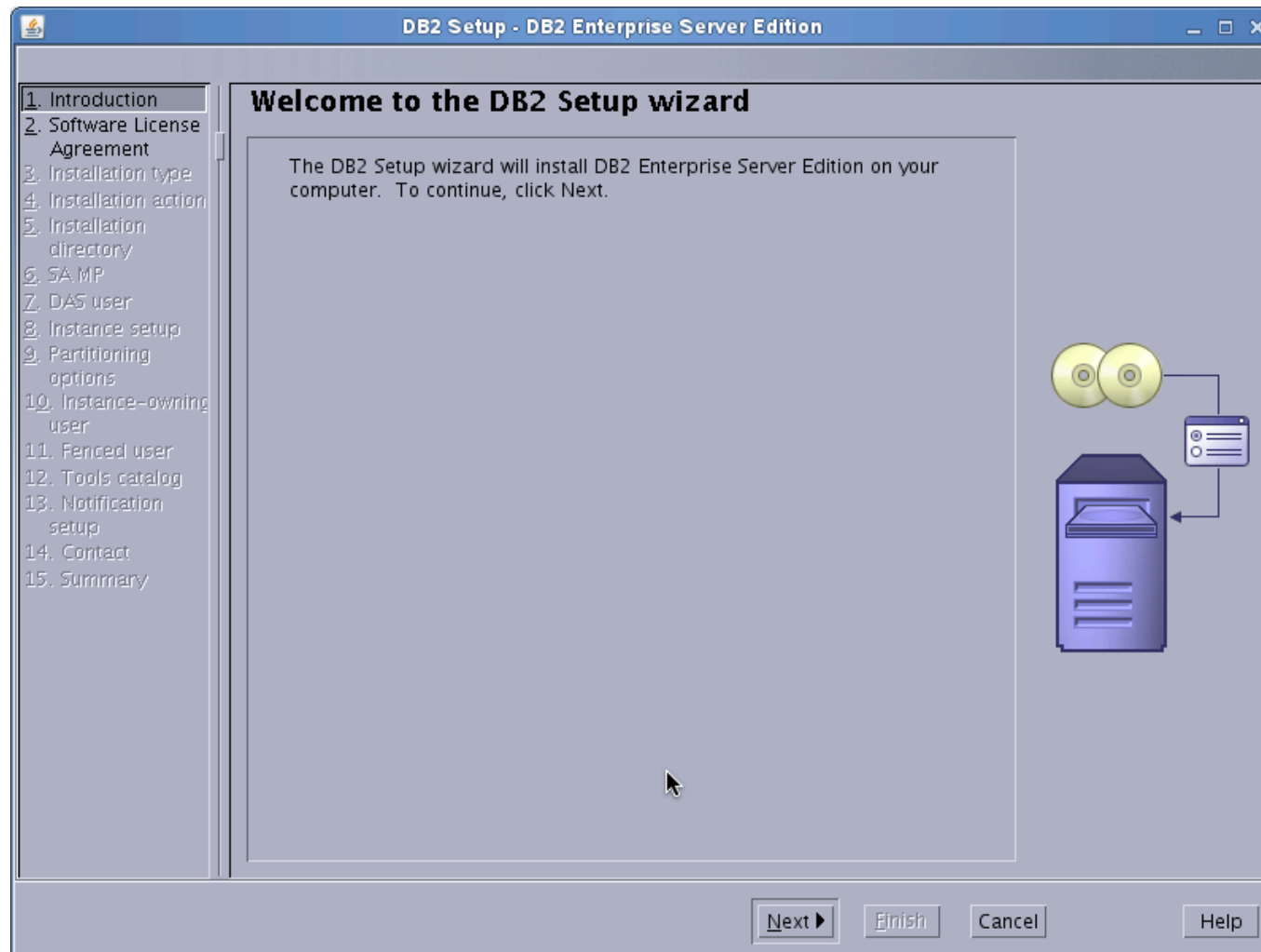
Post-Install Konfiguration

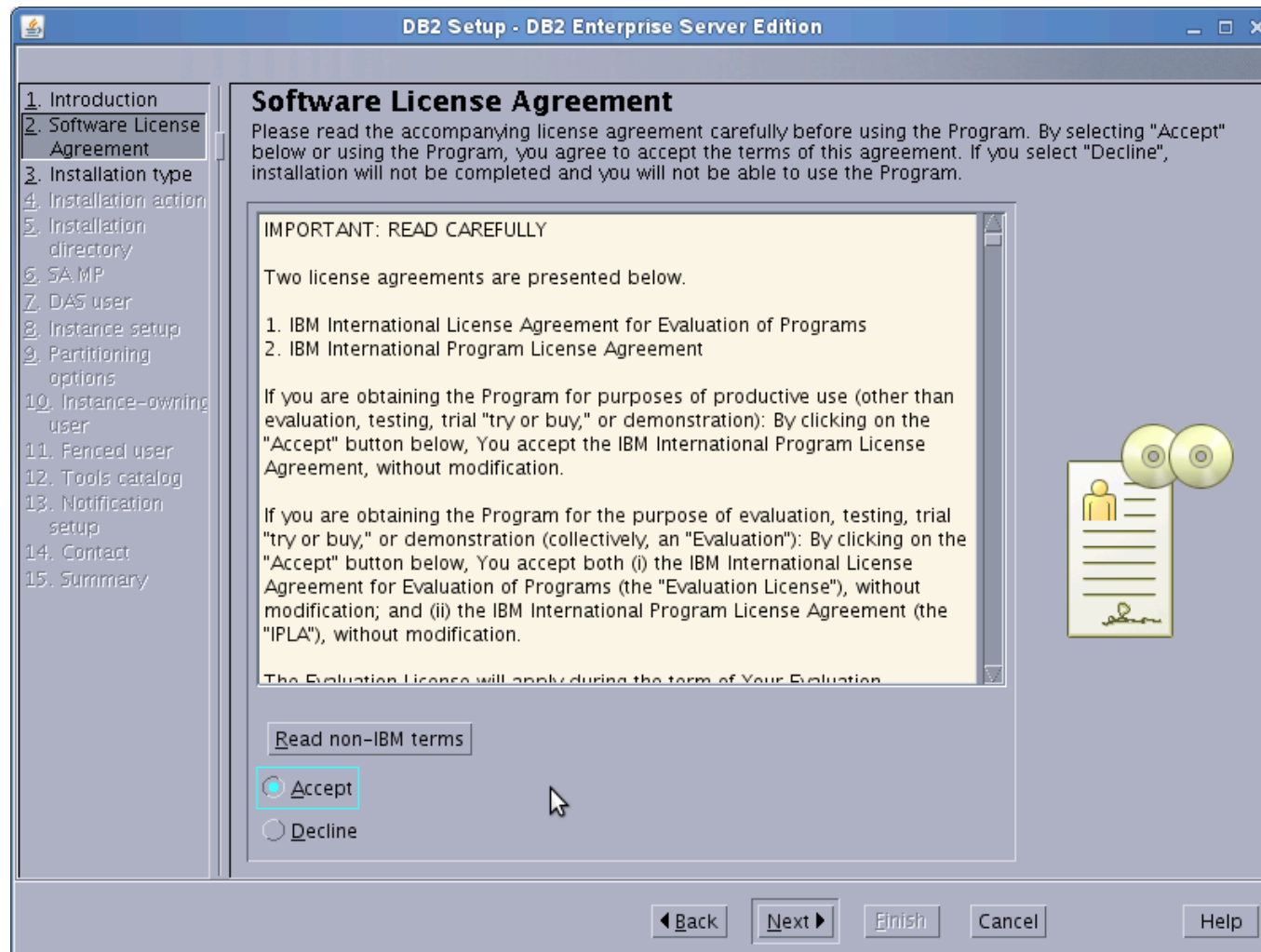
- ☐ IHS
- ☐ SSL für IHS
- ☐ Zertifikate importieren
- ☐ Web Adressen zuordnen
- ☐ Connections starten
- ☐ Zugriffe testen
- ☐ Security und Admins
- ☐ Blogs Homepage

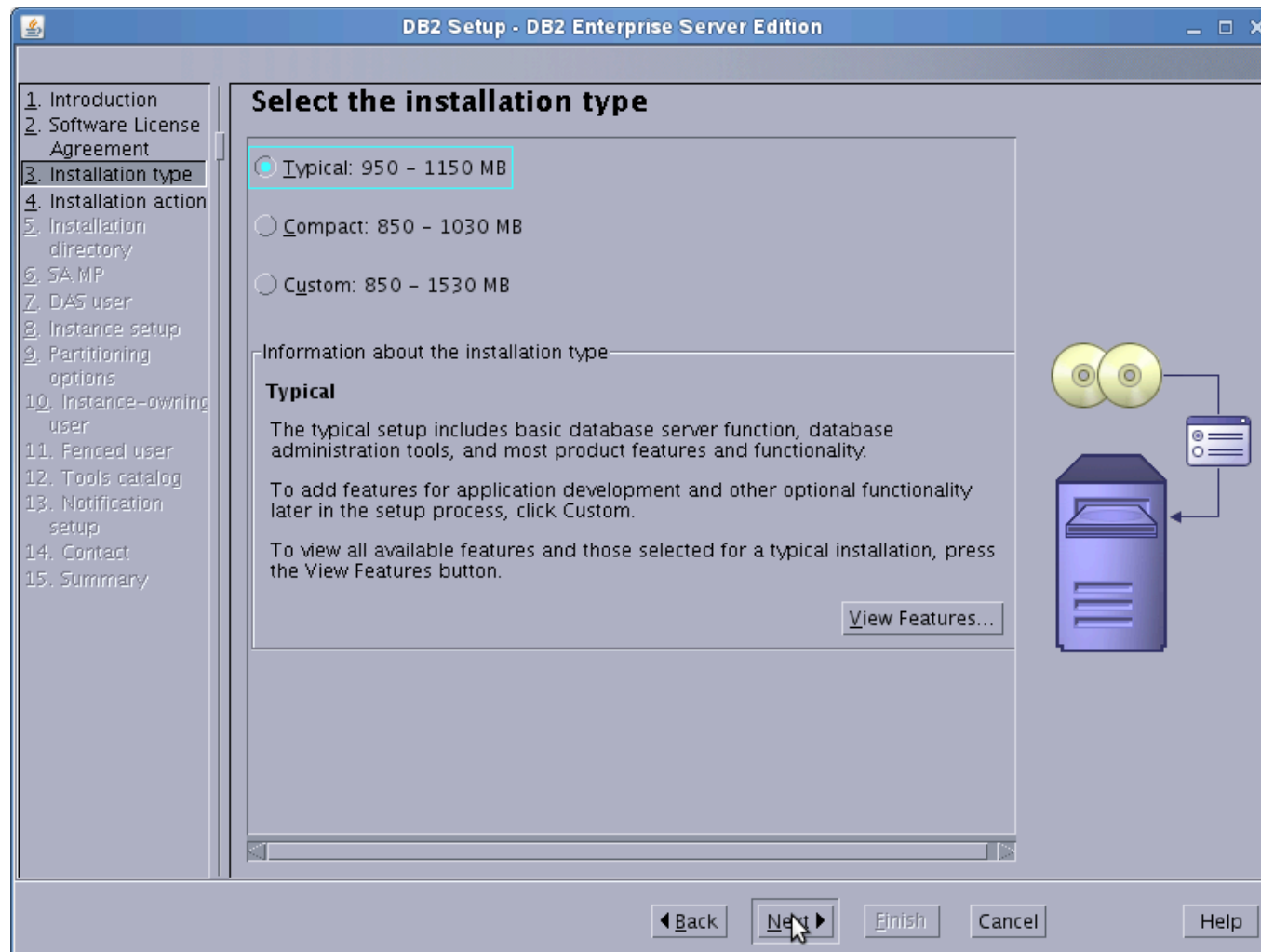




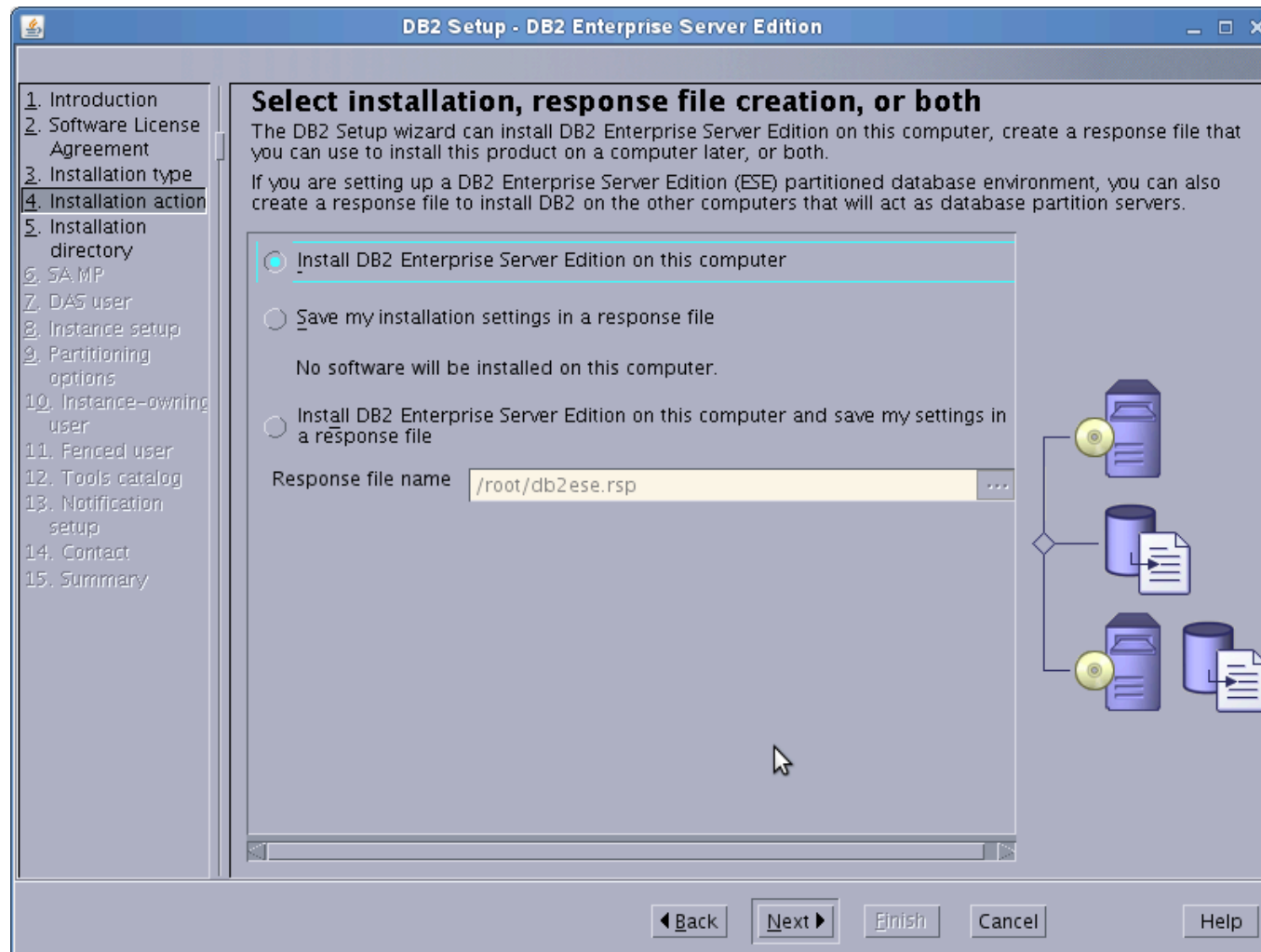
DB2 Installation (3)

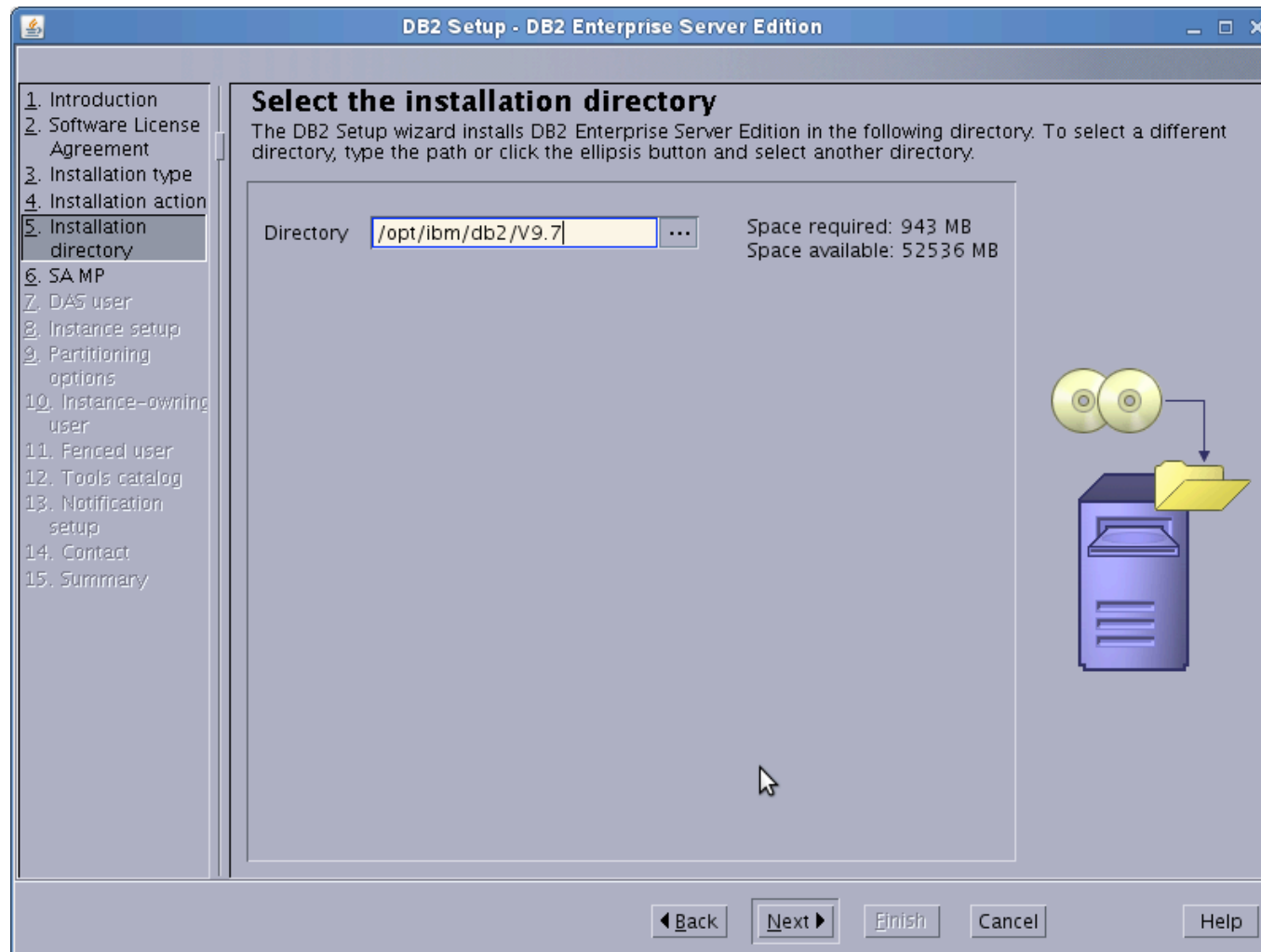


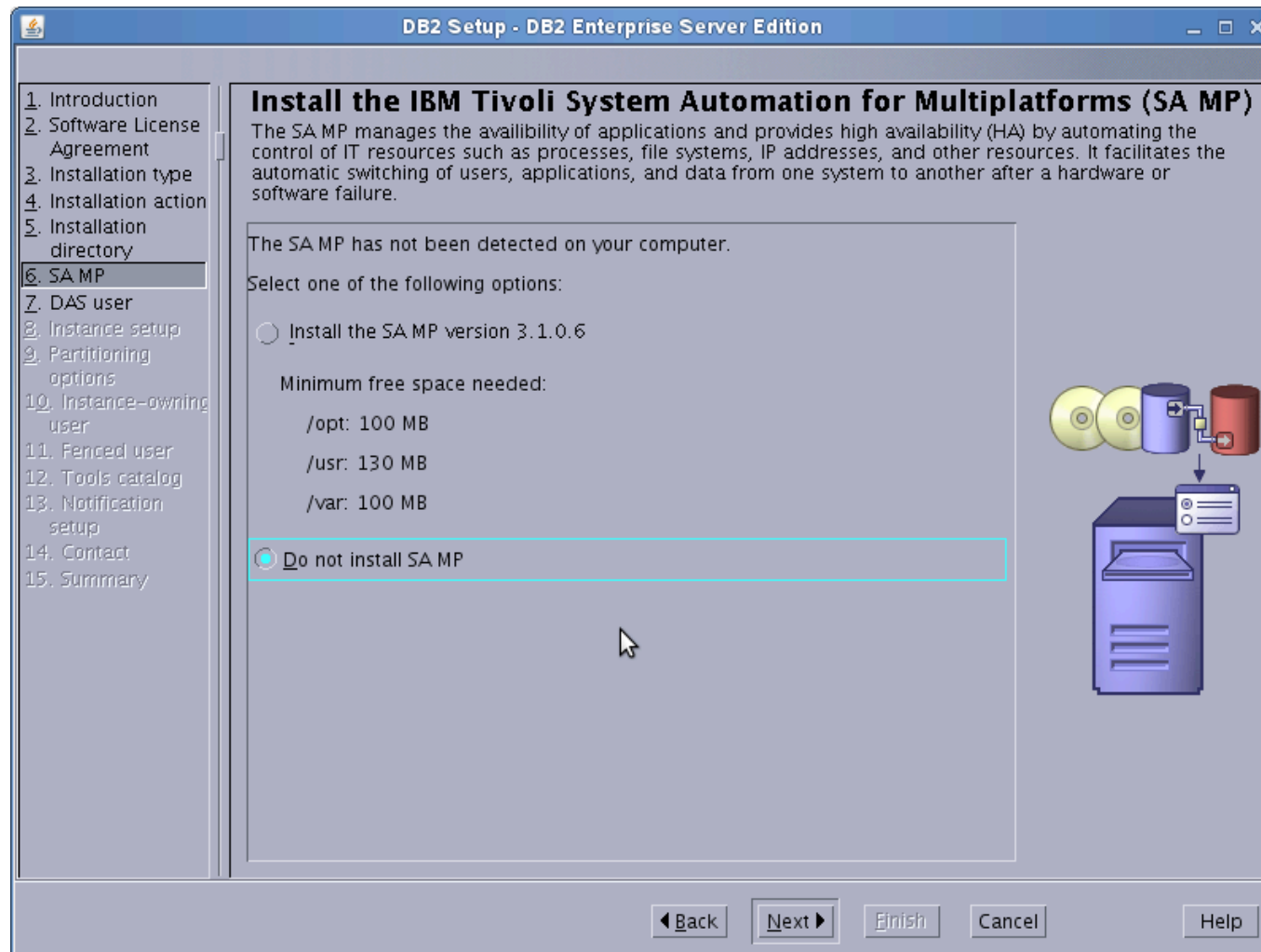




DB2 Installation (6)







DB2 Installation (9)



DB2 Setup - DB2 Enterprise Server Edition

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2. Software License Agreement
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9. Partitioning options
10. Instance-owning user
11. Fenced user
12. Tools catalog
13. Notification setup
14. Contact
15. Summary

Set user information for the DB2 Administration Server

The DB2 Administration Server (DAS) runs on your computer to provide support required by the DB2 tools. A user with a minimal set of privileges is required to run the DAS. Specify the required user information for the DAS.

☒ New user

User name:

UID: ☒ Use default UID

Group name:

GID: ☒ Use default GID

Password:

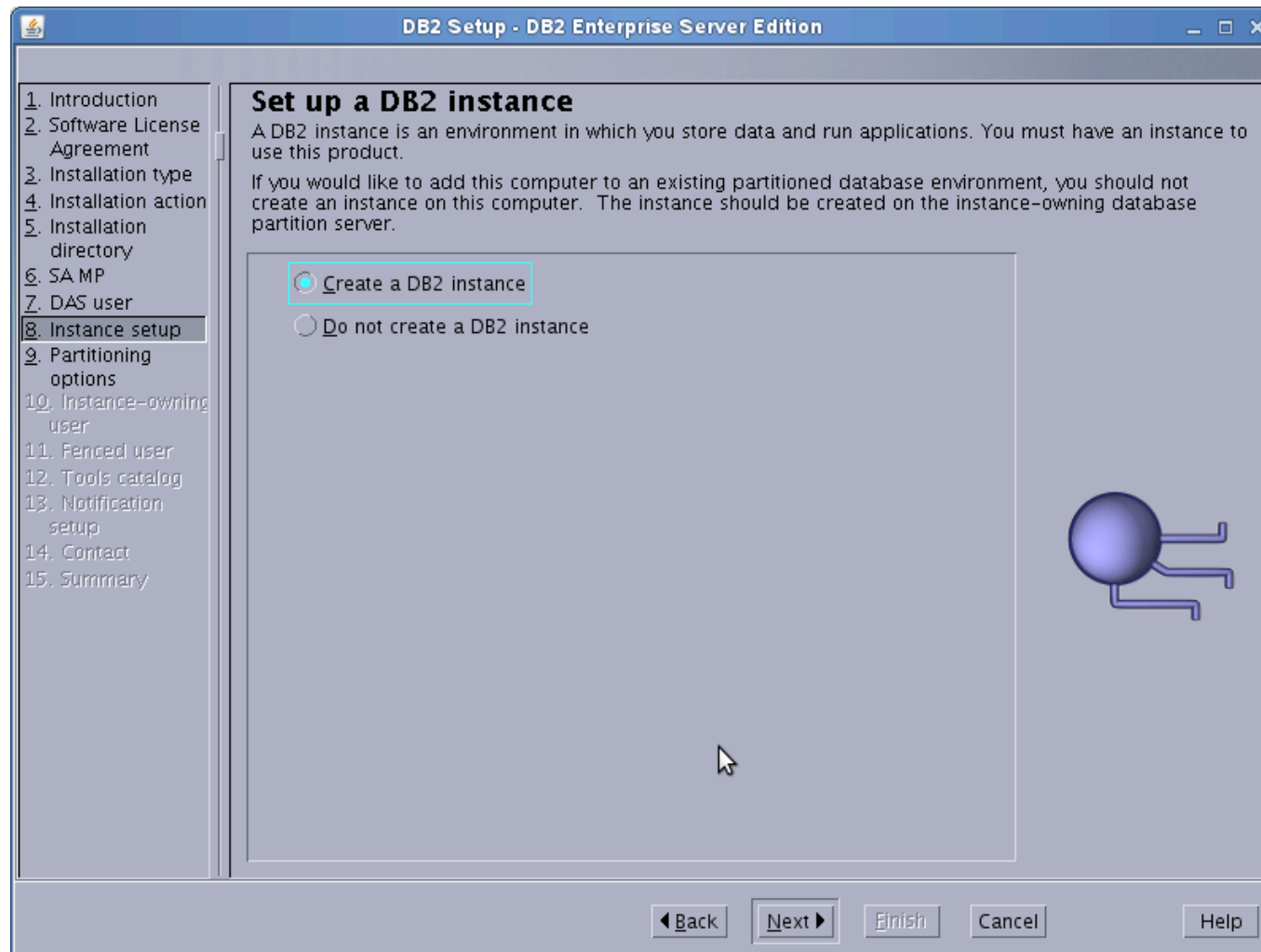
Confirm password:

Home directory: ...

☐ Existing user

User name:

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DB2 Setup - DB2 Enterprise Server Edition

1. Introduction
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13. Notification setup
14. Contact
15. Summary

Set up partitioning options for the DB2 instance

A DB2 instance can have one or more database partitions, which exist on one or more computers. Select the partitioning options for this instance. The number of partitions specified will be reserved in the services file.

☒ Single partition instance

The instance will reside only on this computer. Select this option if the instance will not be used in a partitioned database environment.

☐ Multiple partition instance

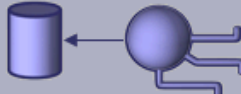
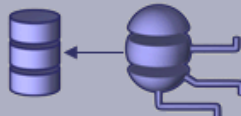
Selecting this option will create two response files. Refer to the DB2 Information Center to read about the additional steps needed to prepare your DPF environment.

To use this functionality, you must have a Database Partitioning Feature license.

Maximum logical partitions

This computer will be assigned partition number 0. You can specify the maximum number of logical partitions that can exist on each database partition server. This setting applies to all database partition servers in this instance.

Maximum logical partitions: [TCP/IP Settings](#)

◀ Back Next ▶ Finish Cancel Help

DB2 Installation (12)



DB2 Setup - DB2 Enterprise Server Edition

1. Introduction
2. Software License Agreement
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10. Instance-owning user
11. Fenced user
12. Tools catalog
13. Notification setup
14. Contact
15. Summary

Set user information for the DB2 instance owner

Specify the instance-owning user information for the DB2 instance. DB2 will use this user to perform instance functions, and will store instance information in the user's home directory. The name of the instance will be the same as the user name.

☒ New user

User name: db2inst1

UID: ☒ Use default UID

Group name: db2iadm1

GID: ☒ Use default GID

Password:

Confirm password:

Home directory: /home/db2inst1 ...

☐ Existing user

User name:

Back Next Finish Cancel Help

DB2 Installation (13)



DB2 Setup - DB2 Enterprise Server Edition

1. Introduction
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10. Instance-owning user
11. Fenced user
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15. Summary

Set user information for the fenced user

Specify the required information for the fenced user. Fenced user defined functions (UDFs) and stored procedures will execute under this user and group.

☒ New user

User name: db2fenc1

UID: ☒ Use default UID

Group name: db2fadm1

GID: ☒ Use default GID

Password:

Confirm password:

Home directory: /home/db2fenc1 ...

☐ Existing user

User name:

Back Next Finish Cancel Help



DB2 Setup - DB2 Enterprise Server Edition

1. Introduction
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11. Fenced user
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15. Summary

Prepare the DB2 tools catalog

The DB2 tools catalog must be created in order to use the Task Center and scheduler. These tools allow you to schedule common tasks such as backups. The DB2 tools catalog must be stored in a DB2 database.

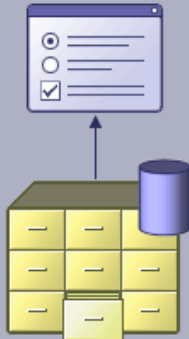
☐ Prepare the DB2 tools catalog

Instance: db2inst1

Database:
☒ New: TOOLSDB
☐ Existing: <Select>

Schema:
☒ New: SYSTOOLS
☐ Existing: <Select>

☒ Do not prepare the DB2 tools catalog



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DB2 Setup - DB2 Enterprise Server Edition

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9. Partitioning optio
10. Instance-owning
11. Fenced user
12. Tools catalog
13. Notification setu
14. Contact
15. Summary

Set up notifications

You can set up your DB2 server to automatically send e-mail or pager notifications to alert administrators when a database needs attention. The contact information is stored in the administration contact list. You need an unauthenticated SMTP server to send these notifications.

☒ Set up your DB2 server to send notifications

Notification SMTP server:

Administration contact list location:

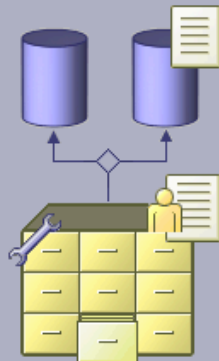
☒ Local - Create a contact list on this computer

☐ Remote - Use an existing contact list that resides on another DB2 server

Remote DB2 server:

☐ Do not set up your DB2 server to send notifications at this time

If you do not set up your DB2 server to send notifications, the health alerts are still recorded in the administration notification log.



Navigation buttons: Back, Next, Finish, Cancel, Help



DB2 Setup - DB2 Enterprise Server Edition

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10. Instance-owning
11. Fenced user
12. Tools catalog
13. Notification setu
14. Contact
15. Summary

Specify a contact for health monitor notification

By default, a health monitor runs on the DB2 instance you are setting up. When a health alert is generated, e-mail or pager notifications will be sent to an administration contact who is in the administration contact list.

Administration contact for this instance

☐ New contact

Name

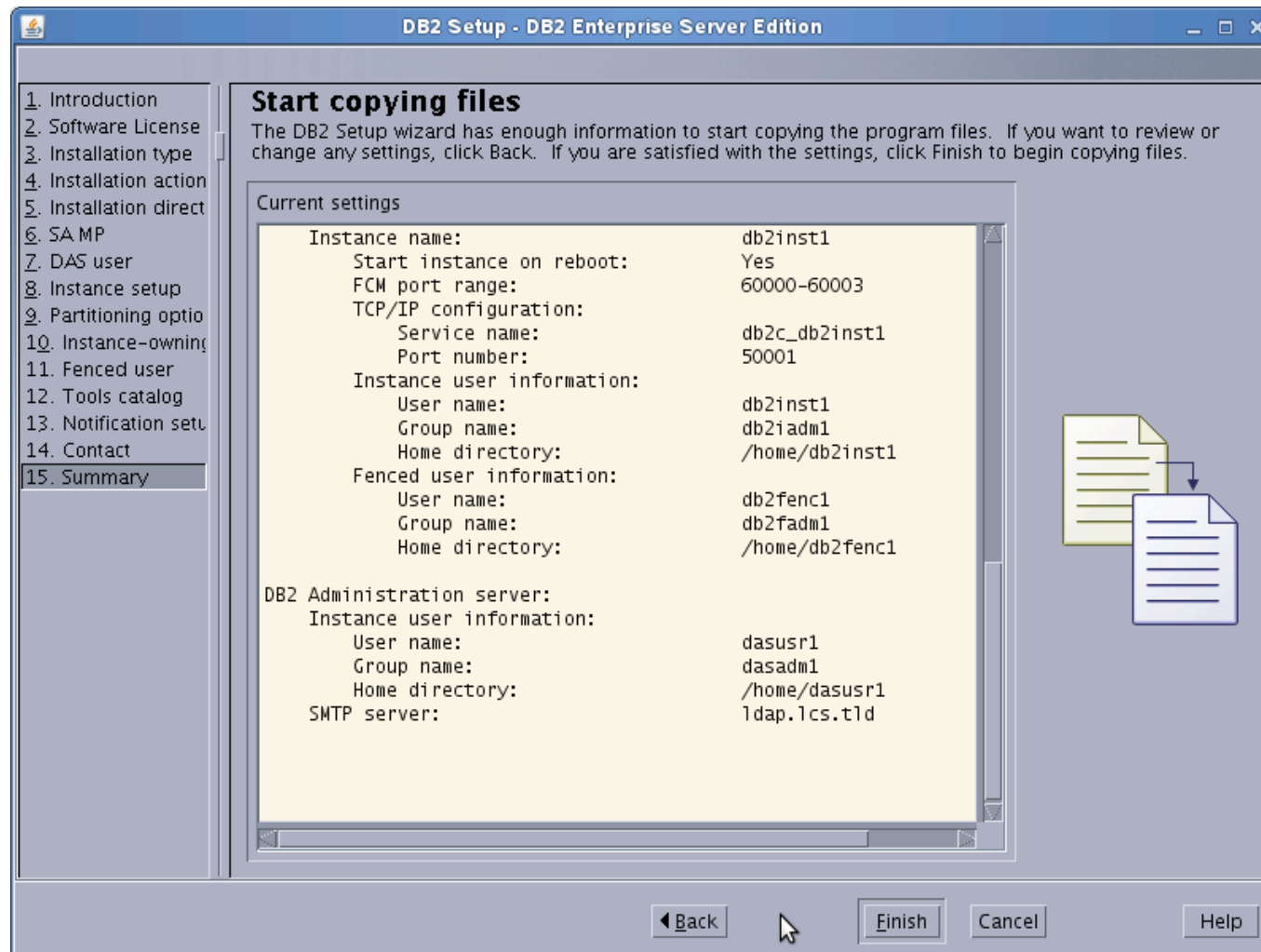
E-mail address

☐ E-mail address is for a pager device

☒ Defer this task until after installation is complete

◀ Back Next ▶ Finish Cancel Help

DB2 Installation (17)





Pre-Install

- ☒ WebSphere
- ☒ IHS und WAS Plugins
- ☒ WebSphere UpdateInstaller
- ☒ Fixes für WAS
- ☒ Fixes für IHS
- ☒ Fixes für Plugins
- ☒ DB2
- ☐ DB2 Lizenz
- ☐ TDI
- ☐ TDI Fixpack

Pre-Install Konfiguration

- ☐ Start Dmgr
- ☐ WAS Security

- ☐ DB Wizard
- ☐ Profile Population

LC Installation

- ☐ LC Installer

Post-Install Konfiguration

- ☐ IHS
- ☐ SSL für IHS
- ☐ Zertifikate importieren
- ☐ Web Adressen zuordnen
- ☐ Connections starten
- ☐ Zugriffe testen
- ☐ Security und Admins
- ☐ Blogs Homepage

DB2 Lizenz importieren



```
stoeps@connections:~  
File Edit View Terminal Help  
db2/      qs_server/ readme/  
db2inst1@connections:~> db2licm -a /install/DB2/DB2\ ESE\ Licence/db2/license/  
db2ese_o.lic sam31.lic      UNIX/      Windows/  
db2inst1@connections:~> db2licm -a /install/DB2/DB2\ ESE\ Licence/db2/license/db  
2ese_o.lic  
  
LIC1402I  License added successfully.  
  
LIC1426I  This product is now licensed for use as outlined in your License Agree  
ment.  USE OF THE PRODUCT CONSTITUTES ACCEPTANCE OF THE TERMS OF THE IBM LICENSE  
AGREEMENT, LOCATED IN THE FOLLOWING DIRECTORY: "/opt/ibm/db2/V9.7/license/en_US  
.iso88591"  
db2inst1@connections:~> db2licm -l  
Product name:          "DB2 Enterprise Server Edition"  
License type:          "Restricted"  
Expiry date:           "Permanent"  
Product identifier:    "db2ese"  
Version information:   "9.7"  
  
Product name:          "DB2 Connect Server"  
License type:          "Trial"  
Expiry date:           "11/05/2011"  
Product identifier:    "db2consv"
```



Pre-Install

- ☒ WebSphere
- ☒ IHS und WAS Plugins
- ☒ WebSphere UpdateInstaller
- ☒ Fixes für WAS
- ☒ Fixes für IHS
- ☒ Fixes für Plugins
- ☒ DB2
- ☒ DB2 Lizenz
- ☐ TDI
- ☐ TDI Fixpack

Pre-Install Konfiguration

- ☐ Start Dmgr
- ☐ WAS Security

- ☐ DB Wizard
- ☐ Profile Population

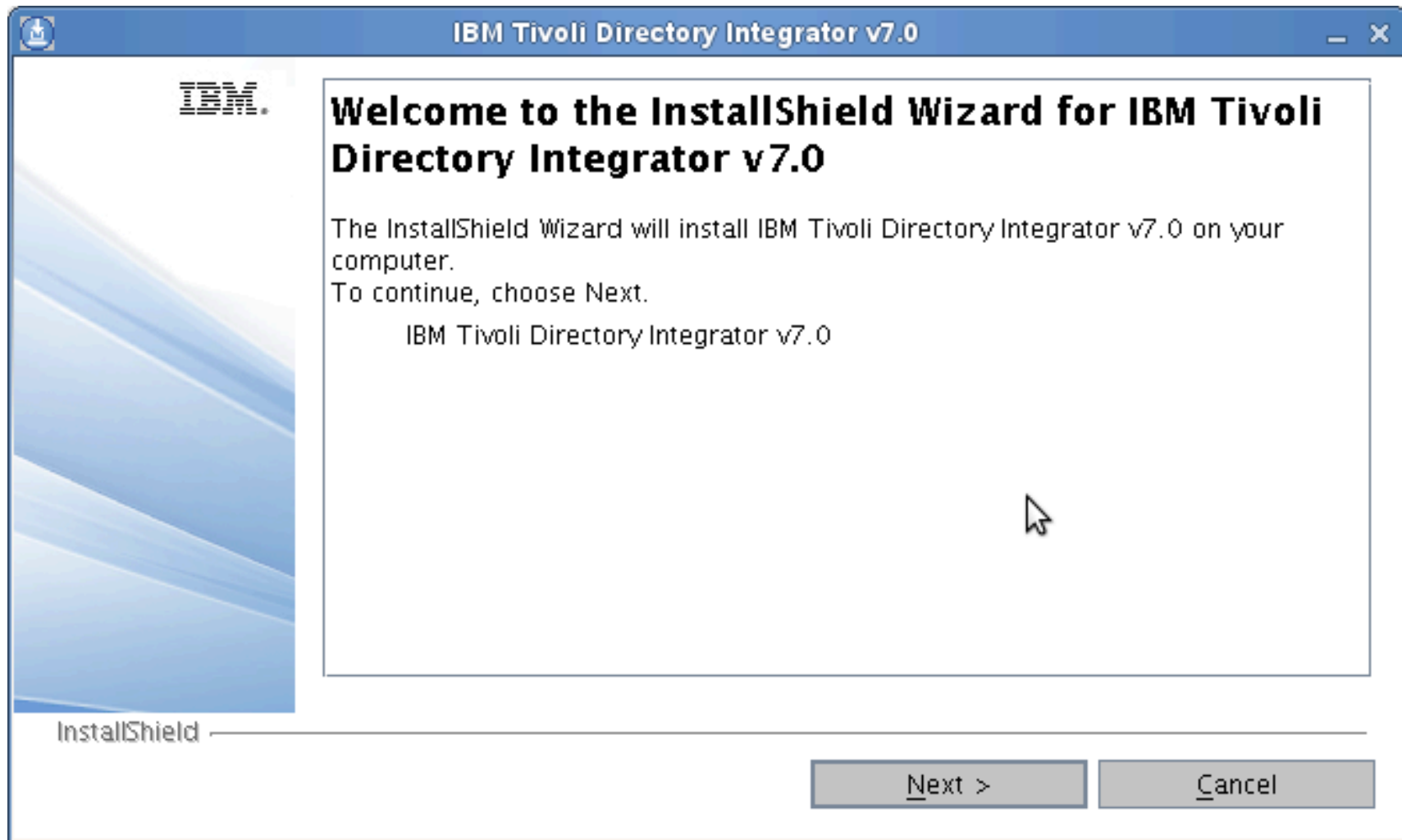
LC Installation

- ☐ IHS
- ☐ SSL für IHS
- ☐ Zertifikate importieren
- ☐ Web Adressen zuordnen
- ☐ Connections starten
- ☐ Zugriffe testen
- ☐ Security und Admins
- ☐ Blogs Homepage

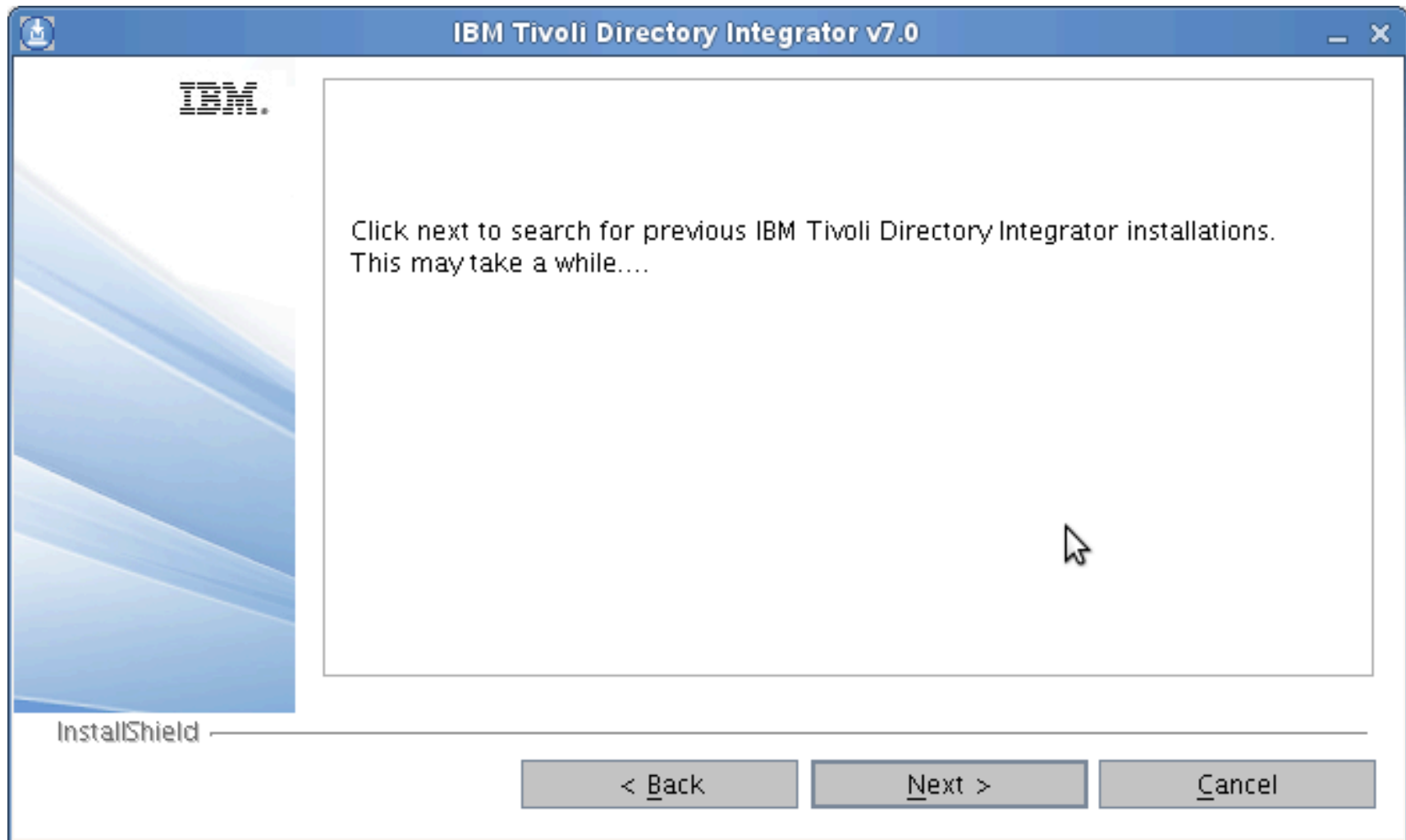


- › unbedingt die richtige „BIT“-Version nutzen
 - › 32 Bit läuft unter 64 Bit nicht!
- › besser `install_tdiv70_linux_x86_64.bin` starten als `launchpad.sh`

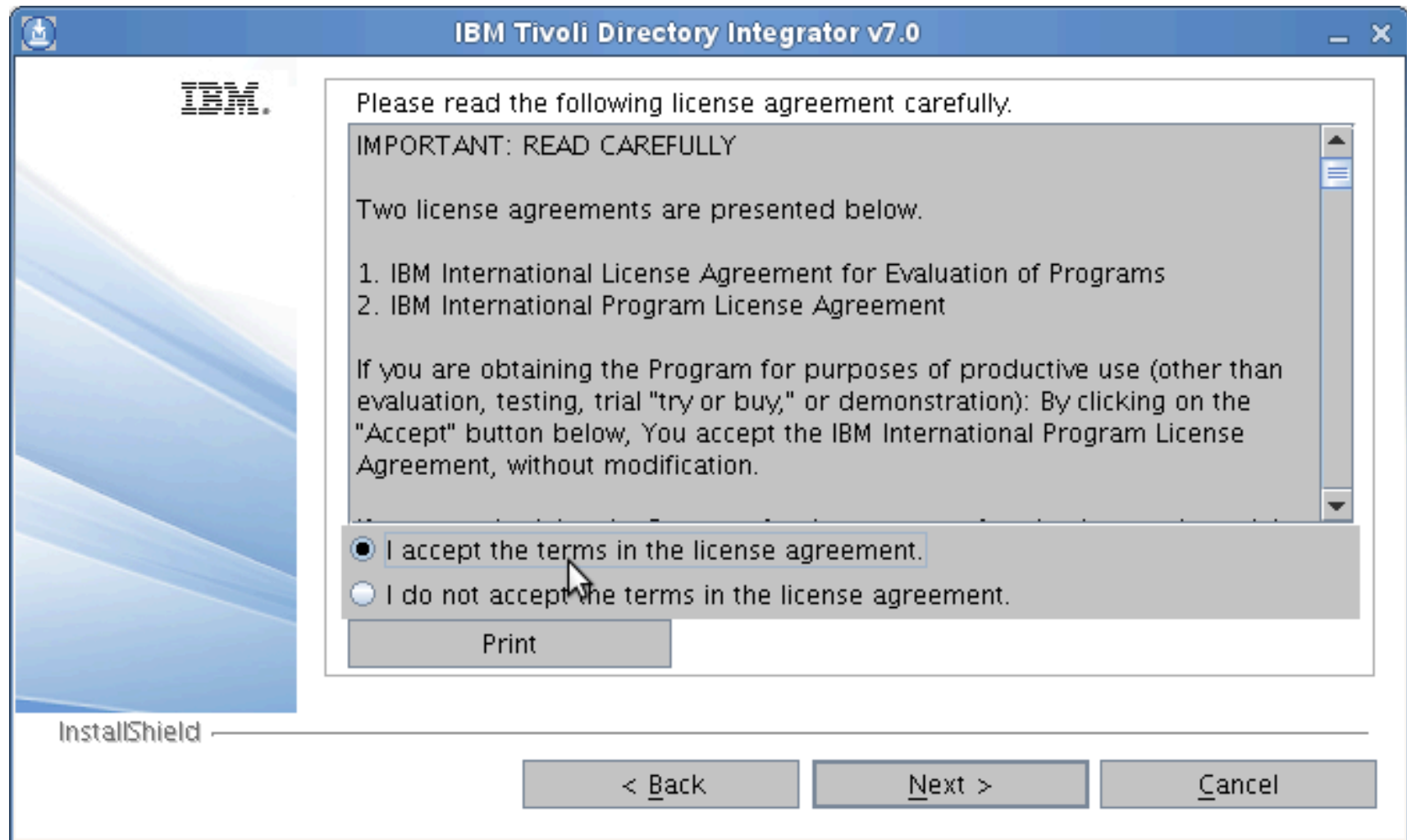
```
connections:/install/TDI/7.0 64 Bit # ls
.DS_Store  launchpad  launchpad.sh  license  linux_x86_64
connections:/install/TDI/7.0 64 Bit # cd linux_x86_64/
connections:/install/TDI/7.0 64 Bit/linux_x86_64 # ls
install_tdiv70_linux_x86_64.bin  install_tdiv70_setup.jar
connections:/install/TDI/7.0 64 Bit/linux_x86_64 # ./install_tdiv70_linux_x86_64
.bin
```

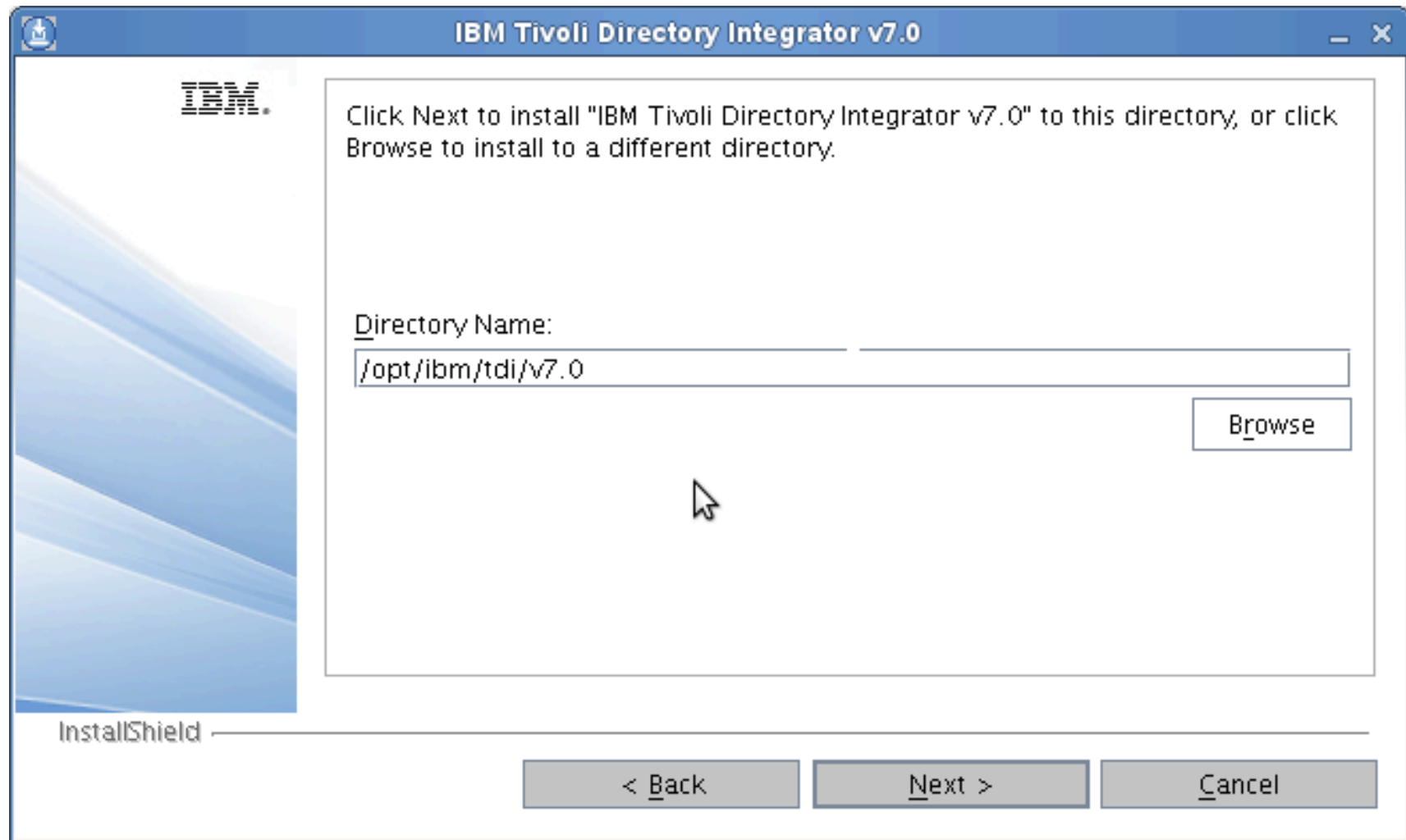
TDI Installation (1)



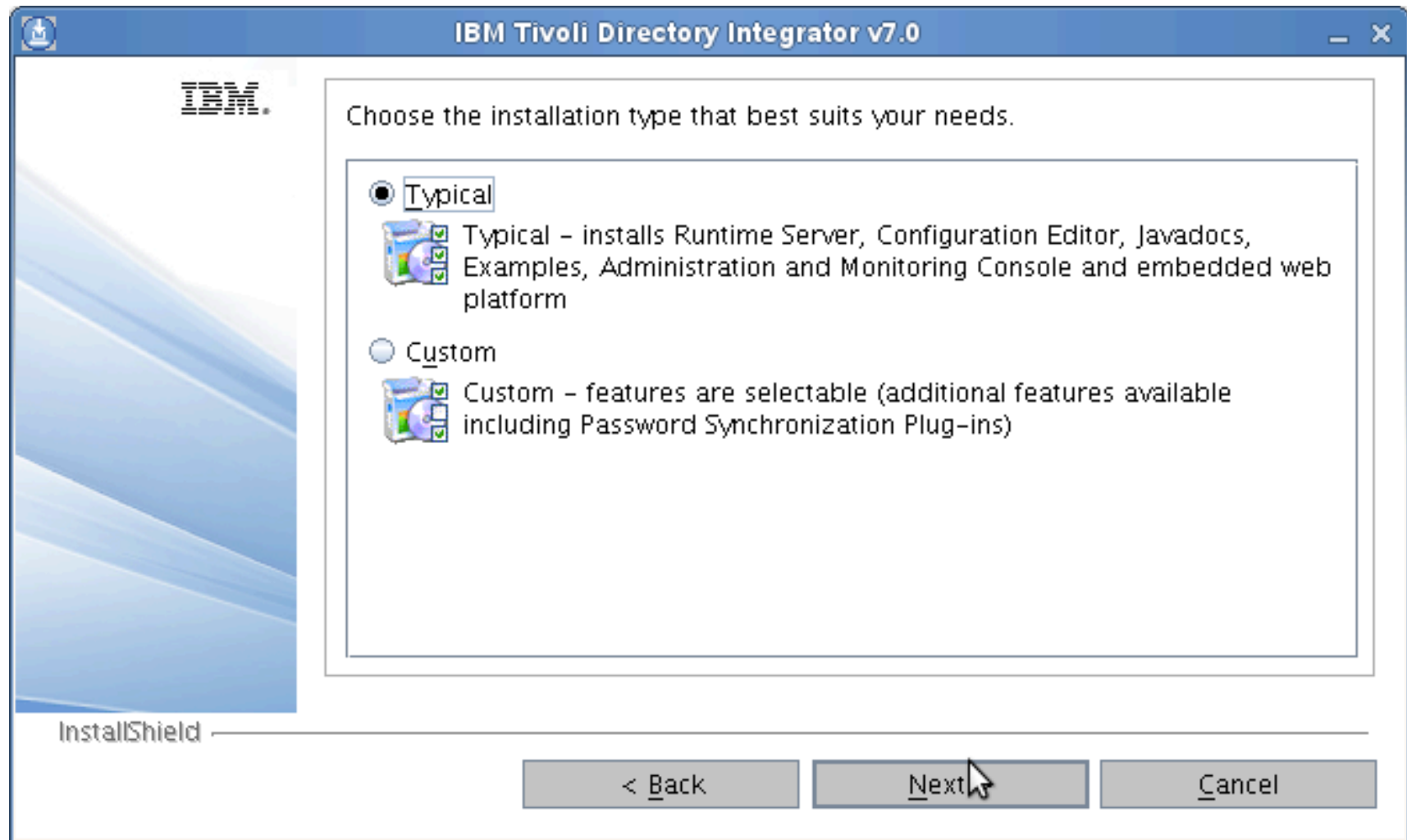
TDI Installation (2)



TDI Installation (3)



TDI Installation (4)





IBM Tivoli Directory Integrator v7.0

IBM.

You have the option of selecting a Solutions Directory. A Solutions Directory is a static directory where the IBM Tivoli Directory Integrator Server and Configuration Editor look for your solutions.

☐ Use a subdirectory named TDI under my home directory

☐ Use Install Directory

☐ Select a directory to use

☒ Do not specify - use current working directory at startup time

InstallShield

< Back Next > Cancel



IBM Tivoli Directory Integrator v7.0

IBM

Enter the port values to be used by Integrated Solutions Console SE.

HTTP port:

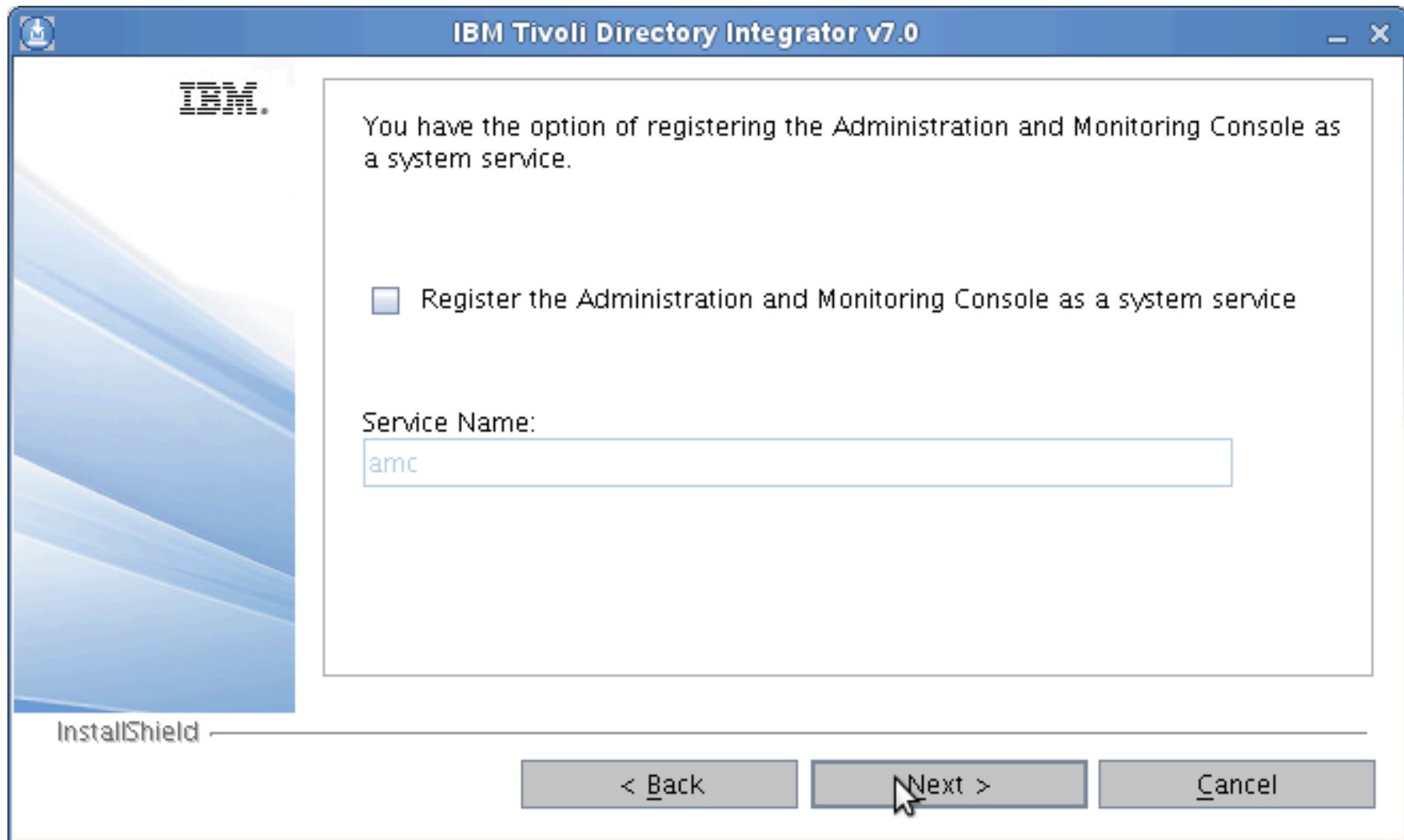
HTTPS port:

Action Manager API port:

InstallShield

< Back Next > Cancel

TDI Installation (7)

The screenshot shows the 'IBM Tivoli Directory Integrator v7.0' installation window. On the left is the IBM logo and a blue abstract graphic. The main area contains the text 'You have the option of registering the Administration and Monitoring Console as a system service.' followed by an unchecked checkbox with the label 'Register the Administration and Monitoring Console as a system service'. Below this is a 'Service Name:' label and a text input field containing 'amc'. At the bottom are three buttons: '< Back', 'Next >', and 'Cancel'. A mouse cursor is pointing at the 'Next >' button. The 'InstallShield' logo is visible in the bottom left corner of the window frame.

IBM Tivoli Directory Integrator v7.0

IBM.

You have the option of registering the Administration and Monitoring Console as a system service.

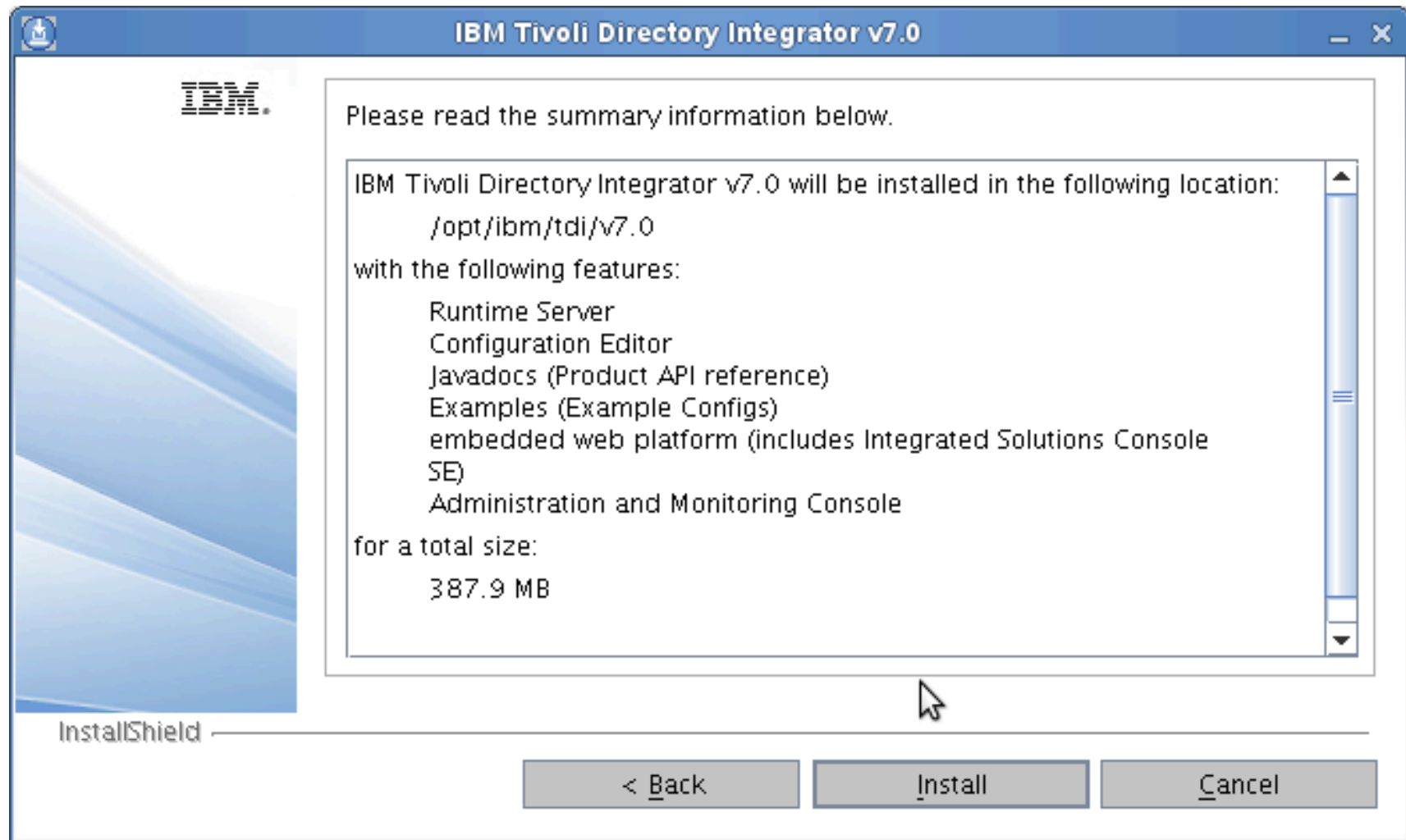
☐ Register the Administration and Monitoring Console as a system service

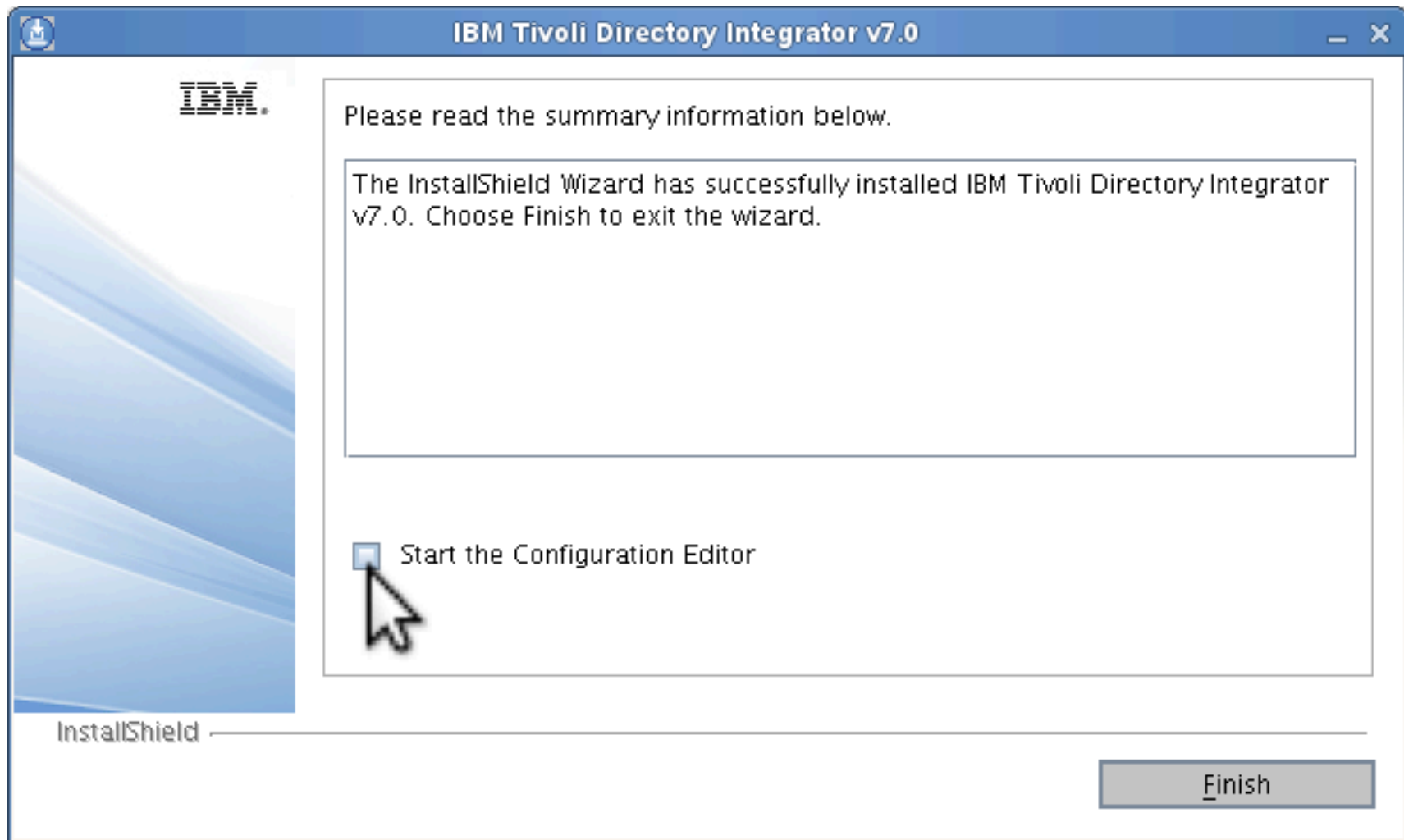
Service Name:

amc

InstallShield

< Back Next > Cancel







Pre-Install

- ☒ WebSphere
- ☒ IHS und WAS Plugins
- ☒ WebSphere UpdateInstaller
- ☒ Fixes für WAS
- ☒ Fixes für IHS
- ☒ Fixes für Plugins
- ☒ DB2
- ☒ DB2 Lizenz
- ☒ TDI
- ☐ TDI Fixpack

Pre-Install Konfiguration

- ☐ Start Dmgr
- ☐ WAS Security

- ☐ DB Wizard
- ☐ Profile Population

LC Installation

- ☐ LC Installer

Post-Install Konfiguration

- ☐ IHS
- ☐ SSL für IHS
- ☐ Zertifikate importieren
- ☐ Web Adressen zuordnen
- ☐ Connections starten
- ☐ Zugriffe testen
- ☐ Security und Admins
- ☐ Blogs Homepage



- **unzip 7.0.0-TIV-TDI-FP0005.zip**
- **cp UpdateInstaller.jar /opt/ibm/TDI/v7.0/maintenance**
- **TDI _Install_Dir/bin/applyUpdates.sh -update TDI-7.0-FP0005.zip**

```
connections:/opt/ibm/tdi/v7.0/bin # ./applyUpdates.sh -update /install/TDI/Fix/7.0.0-TIV-TDI-FP0005/TDI-7.0-F
P0005.zip
CTGDK0023I Applying fix 'TDI-7.0-FP0005' using backup directory '/opt/ibm/tdi/v7.0/maintenance/BACKUP/TDI-7.0
-FP0005'.
CTGDK0027I Updating SERVER.
CTGDK0027I Updating CE.
CTGDK0027I Updating EXAMPLES.
connections:/opt/ibm/tdi/v7.0/bin # ./applyUpdates.sh -queryreg
Information from .registry file in: /opt/ibm/tdi/v7.0
Edition: Identity
Level: 7.0.0.5
License: None

Fixes Applied
=====
TDI-7.0-FP0005(7.0.0.0)

Components Installed
=====
BASE
SERVER
-TDI-7.0-FP0005
CE
-TDI-7.0-FP0005
JAVADOCS
EXAMPLES
-TDI-7.0-FP0005
EMBEDDED WEB PLATFORM
AMC
Deferred: false
```

I



Installation - Checkliste

Pre-Install

- ☒ WebSphere
- ☒ IHS und WAS Plugins
- ☒ WebSphere UpdateInstaller
- ☒ Fixes für WAS
- ☒ Fixes für IHS
- ☒ Fixes für Plugins
- ☒ DB2
- ☒ DB2 Lizenz
- ☒ TDI
- ☒ TDI Fixpack

Pre-Install Konfiguration

- ☐ Start Dmgr
- ☐ WAS Security

- ☐ DB Wizard
- ☐ Profile Population

LC Installation

- ☐ LC Installer

Post-Install Konfiguration

- ☐ IHS
- ☐ SSL für IHS
- ☐ Zertifikate importieren
- ☐ Web Adressen zuordnen
- ☐ Connections starten
- ☐ Zugriffe testen
- ☐ Security und Admins
- ☐ Blogs Homepage



➤ Deployment Manager starten

- `cd /opt/ibm/WebSphere/AppServer/profiles/Dmgr01/bin`
- `./startManager.sh`

➤ Autostart Dmgr und Node konfigurieren

- z.B. `vi /etc/rc.local`
- `/opt/ibm/WebSphere/AppServer/profiles/Dmgr01/bin/startManager.sh &`
- `/opt/ibm/WebSphere/AppServer/profiles/AppSrv01/bin/startNode.sh &`



Pre-Install

- ☒ WebSphere
- ☒ IHS und WAS Plugins
- ☒ WebSphere UpdateInstaller
- ☒ Fixes für WAS
- ☒ Fixes für IHS
- ☒ Fixes für Plugins
- ☒ DB2
- ☒ DB2 Lizenz
- ☒ TDI
- ☒ TDI Fixpack

Pre-Install Konfiguration

- ☒ Start Dmgr
- ☐ WAS Security

- ☐ DB Wizard
- ☐ Profile Population

LC Installation

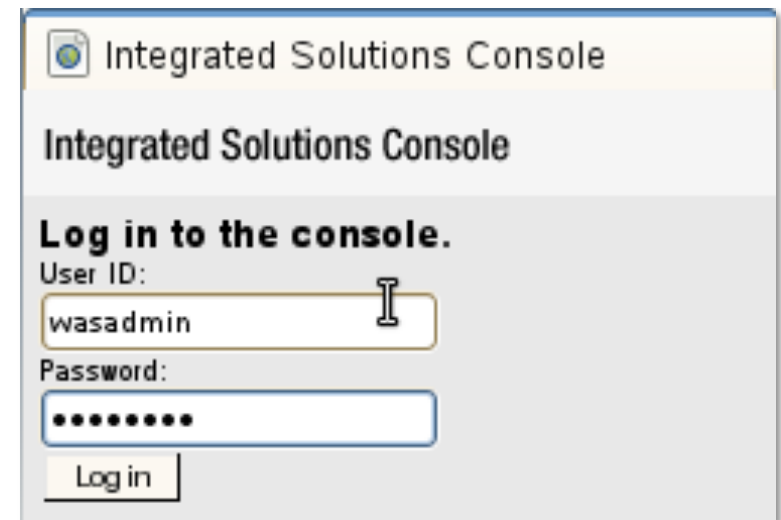
- ☐ LC Installer

Post-Install Konfiguration

- ☐ IHS
- ☐ SSL für IHS
- ☐ Zertifikate importieren
- ☐ Web Adressen zuordnen
- ☐ Connections starten
- ☐ Zugriffe testen
- ☐ Security und Admins
- ☐ Blogs Homepage



- Authentifizierung des WAS gegen einen LDAP Server
- gleicher LDAP Server wie für Profiles
- Logon an ISC (Integrated Solution Console)
 - <https://connections.lcs.tld:9043/ibm/console>
 - <http://connections.lcs.tld:9060/ibm/console>
 - Benutzername bei der WAS Installation vergeben

A screenshot of the Integrated Solutions Console (ISC) login window. The window has a title bar that says "Integrated Solutions Console". Below the title bar, the text "Integrated Solutions Console" is repeated. Underneath, it says "Log in to the console." followed by "User ID:" and a text input field containing "wasadmin". Below that is "Password:" and a password input field filled with dots. At the bottom is a "Log in" button.

Integrated Solutions Console

Integrated Solutions Console

Log in to the console.

User ID:

wasadmin

Password:

.....

Log in



Integrated Solutions Console Welcome wasadmin Help | Logout

Cell=connectionsCell01, Profile=Dmgr01

Global security

Use this panel to configure administration and the default application security policy. This security configuration applies to the security policy for all administrative functions and is used as a default security policy for user applications. Security domains can be defined to override and customize the security policies for user applications.

[Security Configuration Wizard](#) [Security Configuration Report](#)

Administrative security

- ☒ Enable administrative security
 - [Administrative user roles](#)
 - [Administrative group roles](#)
 - [Administrative authentication](#)

Application security

- ☐ Enable application security

Java 2 security

- ☐ Use Java 2 security to restrict application access to local resources
- ☒ Warn if applications are granted custom permissions
- ☐ Restrict access to resource authentication data

User account repository

Current realm definition
Federated repositories

Available realm definitions
Federated repositories

[Configure...](#) [Set as current](#)

[Apply](#) [Reset](#)

Authentication

Authentication mechanisms and expiration

- ☒ LTPA
- ☐ Kerberos and LTPA
 - [Kerberos configuration](#)
 - [Authentication cache settings](#)

- ☐ Web and SIP security
- ☐ RMI/IIOP security
- ☐ Java Authentication and Authorization Service
 - ☐ Use realm-qualified user names

- [Security domains](#)
- [External authorization providers](#)
- [Custom properties](#)

Launches the user registry panel, which is based upon the currently selected registry.



Global security

[Global security](#) > **Federated repositories**

By federating repositories, identities stored in multiple repositories can be managed in a single, virtual realm. The realm can consist of identities in the file-based repository that is built into the system, in one or more external repositories, or in both the built-in repository and one or more external repositories.

General Properties

- * Realm name
- * Primary administrative user name

Server user identity

☒ Automatically generated server identity

☐ Server identity that is stored in the repository

Server user ID or administrative user on a Version 6.0.x node

Password

☒ Ignore case for authorization

Repositories in the realm:

Select	Base Entry	Repository Identifier	Repository Type
You can administer the following resources:			
<input type="checkbox"/>	o=defaultWIMFileBasedRealm	InternalFileRepository	File



[Global security](#) > [Federated repositories](#) > **Repository reference**

Specifies a set of identity entries in a repository that are referenced by a base entry into the directory information tree. If multiple repositories are included in the same realm, it might be necessary to define an additional distinguished name that uniquely identifies this set of entries within the realm.

General Properties

* Repository

* Distinguished name of a base entry that uniquely identifies this set of entries in the realm

Distinguished name of a base entry in this repository



Global security

[Global security](#) > [Federated repositories](#) > **ldap.lcs.tld:389**

Specifies the configuration for secure access to a Lightweight Directory Access Protocol (LDAP) repository with optional failover servers.

General Properties

* Repository identifier

ldap.lcs.tld:389

LDAP server

* Directory type

IBM Lotus Domino

* Primary host name

ldap.lcs.tld

Port

389

Failover server used when primary is not available:

Delete

Select	Failover Host Name	Port
None		

Add

Support referrals to other LDAP servers

ignore

Security

Bind distinguished name

cn=Admin LDAP,o=lcs

Bind password

••••••

Login properties

uid

LDAP attribute for Kerberos principal name

krbPrincipalName

Certificate mapping

EXACT_DN

Certificate filter

☐ Require SSL communications

☒ Centrally managed



Global security ? -

[Global security](#) > [Federated repositories](#) > **o=lcs**

Specifies a set of identity entries in a repository that are referenced by a base entry into the directory information tree. If multiple repositories are included in the same realm, it might be necessary to define an additional distinguished name that uniquely identifies this set of entries within the realm.

General Properties

* Repository

* Distinguished name of a base entry that uniquely identifies this set of entries in the realm

Distinguished name of a base entry in this repository

Federated Repository konfigurieren (6)



Repositories in the realm:

<input type="button" value="Add Base entry to Realm..."/> <input type="button" value="Use built-in repository"/> <input type="button" value="Remove"/>			
Select	Base Entry	Repository Identifier	Repository Type
You can administer the following resources:			
<input type="checkbox"/>	o=defaultWIMFileBasedRealm	InternalFileRepository	File
<input type="checkbox"/>	o=lcs	ldap.lcs.tld:389	LDAP:DOMINO

➤ Änderungen Speichern immer bestätigen

Messages

⚠ Changes have been made to your local configuration. You can:

- [Save](#) directly to the master configuration.
- [Review](#) changes before saving or discarding.

An option to synchronize the configuration across multiple nodes after saving can be enabled in [Preferences](#).

⚠ The server may need to be restarted for these changes to take effect.



Security Configuration Wizard

Security Configuration Report

Administrative security

☒ Enable administrative security

- [Administrative user roles](#)
- [Administrative group roles](#)
- [Administrative authentication](#)

Application security

☒ Enable application security

Java 2 security

☐ Use Java 2 security to restrict application access to local resources

☒ Warn if applications are granted custom permissions

☐ Restrict access to resource authentication data

User account repository

Current realm definition

Federated repositories

Available realm definitions

Federated repositories

[Configure...](#) [Set as current](#)

Authentication

Authentication mechanisms and expiration

☒ [LTPA](#)

☐ Kerberos and LTPA

[Kerberos configuration](#)

[Authentication cache settings](#)

☐ Web and SIP security

- [General settings](#)
- ☒ [Single sign-on \(SSO\)](#)
- [SPNEGO Web authentication](#)
- [Trust association](#)
- [SIP digest authentication](#)

☒ RMI/IIOP security

☒ Java Authentication and Authorization Service

☐ Use realm-qualified user names

[Security domains](#)

[External authorization providers](#)



» . vor Domännennamen nicht vergessen

» Speichern und DMGR neustarten

- » `cd /opt/ibm/WebSphere/AppServer/prof`
- » `./stopManager.sh`
 - » Passwortabfrage!
- » `./startManager.sh`

Global security > Single sign-on (SSO)

Specifies the configuration values for single sign-on.

General Properties

☒ Enabled

☐ Requires SSL

Domain name

.lcs.tld

☒ Interoperability Mode

☒ Web inbound security attribute propagation

Apply

OK

Reset

Cancel



➤ Nochmal am ISC anmelden

➤ Users and Groups

Integrated Solutions Console Welcome wasadmin

View: All tasks

- Welcome
- Guided Activities
- Servers
- Applications
- Services
- Resources
- Security
- Environment
- System administration
- Users and Groups**
 - Administrative user roles
 - Administrative group roles
 - Manage Users
 - Manage Groups
- Monitoring and Tuning
- Troubleshooting

Manage Users

Search for Users

Search by: User ID * Search for: * Maximum results: 100

Search

4 users matched the search criteria.

Select	User ID	First name	Last name	E-mail	Unique Name
<input type="checkbox"/>	fadmin	First Admin	Admin	First_Admin/lcs%lcs@lcs.tld	CN=First Admin,o=lcs
<input type="checkbox"/>	icsadmin	Admin Connections	Connections	Admin_Connections/lcs@lcs.tld	CN=Admin Connections,o=lcs
<input type="checkbox"/>	ldapadmin	Admin LDAP	LDAP	Admin_LDAP/lcs@lcs.tld	CN=Admin LDAP,o=lcs
<input type="checkbox"/>	wasadmin	wasadmin	wasadmin		uid=wasadmin,o=defaultWIMFileBasedRealm

Page 1 of 1 Total: 4



[Administrative user roles](#) > User

Use this page to add, update or to remove administrative roles to users. Assigning administrative roles to users enables them to administer application servers through the administrative console or through wsadmin scripting.

* Role(s)

- Admin Security Manager
- Administrator
- Auditor
- Configurator

Search and Select Users

Decide how many results to display, enter a search string (use * for wildcard), and click Search. Select users from the Available list and add them to the Mapped to role list. Users which have already been mapped to a role will not be returned in the search results.

Search string

*

Search

Maximum results to display 20

Available

fadmin
ldapadmin

Select All

Deselect All

Mapped to role

icsadmin

Select All

Deselect All

OK

Reset

Cancel



Installation - Checkliste

Pre-Install

- ☒ WebSphere
- ☒ IHS und WAS Plugins
- ☒ WebSphere UpdateInstaller
- ☒ Fixes für WAS
- ☒ Fixes für IHS
- ☒ Fixes für Plugins
- ☒ DB2
- ☒ DB2 Lizenz
- ☒ TDI
- ☒ TDI Fixpack

Pre-Install Konfiguration

- ☒ Start Dmgr
- ☒ WAS Security

- ☐ DB Wizard
- ☐ Profile Population

LC Installation

- ☐ LC Installer

Post-Install Konfiguration

- ☐ IHS
- ☐ SSL für IHS
- ☐ Zertifikate importieren
- ☐ Web Adressen zuordnen
- ☐ Connections starten
- ☐ Zugriffe testen
- ☐ Security und Admins
- ☐ Blogs Homepage



Datenbanken für Connections anlegen

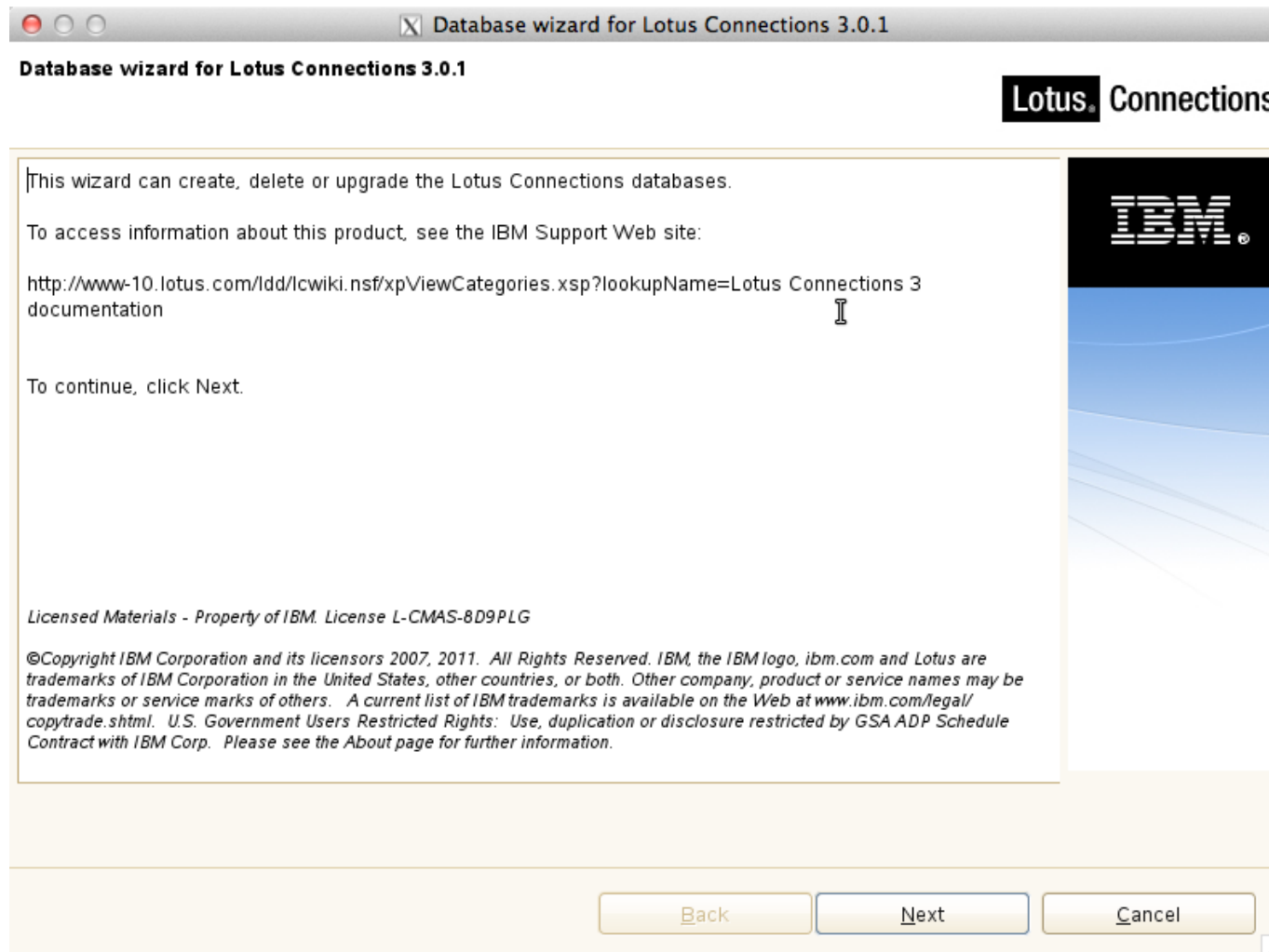
› Zwei Möglichkeiten

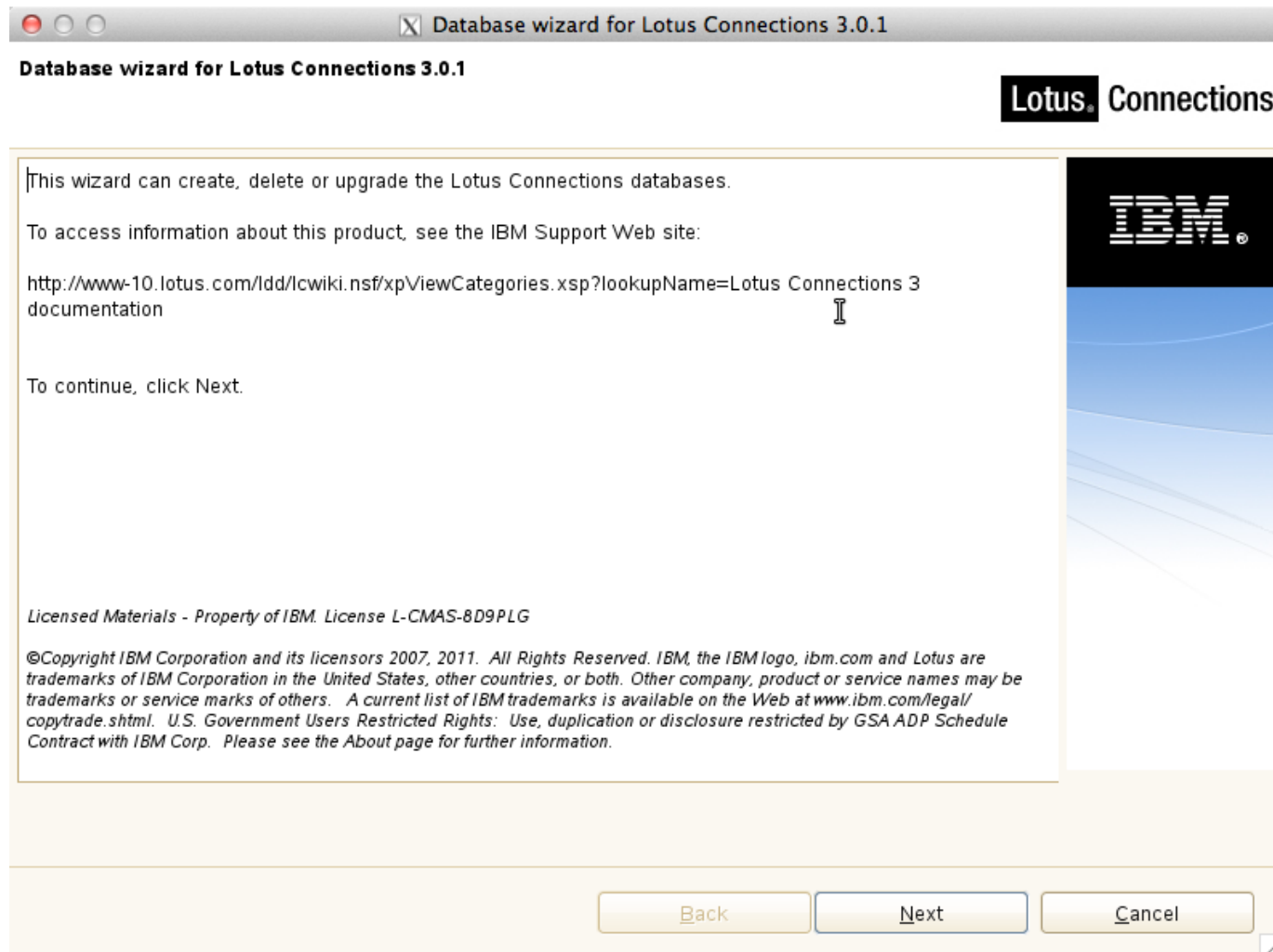
- › Wizard
- › SQL Skripte

› Wizard auf DB Server kopieren

› neuen Benutzer lcuser auf DB Server anlegen

› dbWizard30.sh als db2inst1 ausführen





Datenbanken für Connections anlegen (4)



Database wizard for Lotus Connections 3.0.1 (as db2inst1)

Database selection

Lotus Connections

Select the database type, installation location, and database instance.

☒ DB2 Universal Database (TM)
☐ Oracle Enterprise Edition

Database installation location:
(If you are connecting to an Oracle database that is installed on a Windows 2008 64-bit operating system, then enter the value of the registry key named "ORACLE_HOME." For example, if the value of the ORACLE_HOME registry key HKEY_LOCAL_MACHINE\SOFTWARE\ORACLE\Key_OraDb11g_home1\ORACLE_HOME is C:\app\Administrator\product\11.2.0\dbhome_1 then enter C:\app\Administrator\product\11.2.0\dbhome_1.)

/opt/ibm/db2/V9.7 Browse...

Database instance:
db2inst1

Back Next Cancel



Database wizard for Lotus Connections 3.0.1 (as db2inst1)

Applications selection

Lotus Connections

Select the applications for which you want to create databases. You cannot select applications that already have databases.
Note: The Search and News repository applications are contained in the Home page database.

- ☒ Activities
- ☒ Blogs
- ☒ Communities
- ☒ Bookmarks
- ☒ Profiles
- ☒ Home page
- ☒ Wikis
- ☒ Files
- ☒ Forums
- ☒ Select All

Back Next Cancel

Datenbanken für Connections anlegen (6)



Database wizard for Lotus Connections 3.0.1 (as db2inst1)

Pre-configuration task summary

Lotus Connections

Lotus Connections is ready to create databases for the following applications.

Action: Create Lotus Connections database
Database type: DB2 Universal Database (TM)
Database install location: /opt/ibm/db2/V9.7
Database instance: db2inst1
The selected applications are: Activities, Blogs, Communities, Bookmarks, Profiles, Home page, Wikis, Files, Forums

Activities
Database name: OPNACT
Database user: LCUSER
Sql scripts to run: createDb.sql, appGrants.sql

Blogs
Database name: BLOGS
Database user: LCUSER
Sql scripts to run: createDb.sql, appGrants.sql

Communities
Database name: SNCOMM
Database user: LCUSER

☒ Show the detailed database commands.

Back Create Cancel

Datenbanken für Connections anlegen (7)



Database wizard for Lotus Connections 3.0.1 (as db2inst1)

Pre-configuration task summary

Lotus Connections

Lotus Connections is ready to create databases for the following applications.

Action: Create Lotus Connections database
Database type: DB2 Universal Database (TM)
Database install location: /opt/ibm/db2/V9.7
Database instance: db2inst1
The selected applications are: Activities, Blogs, Communities, Bookmarks, Profiles, Home page, Wikis, Files, Forums

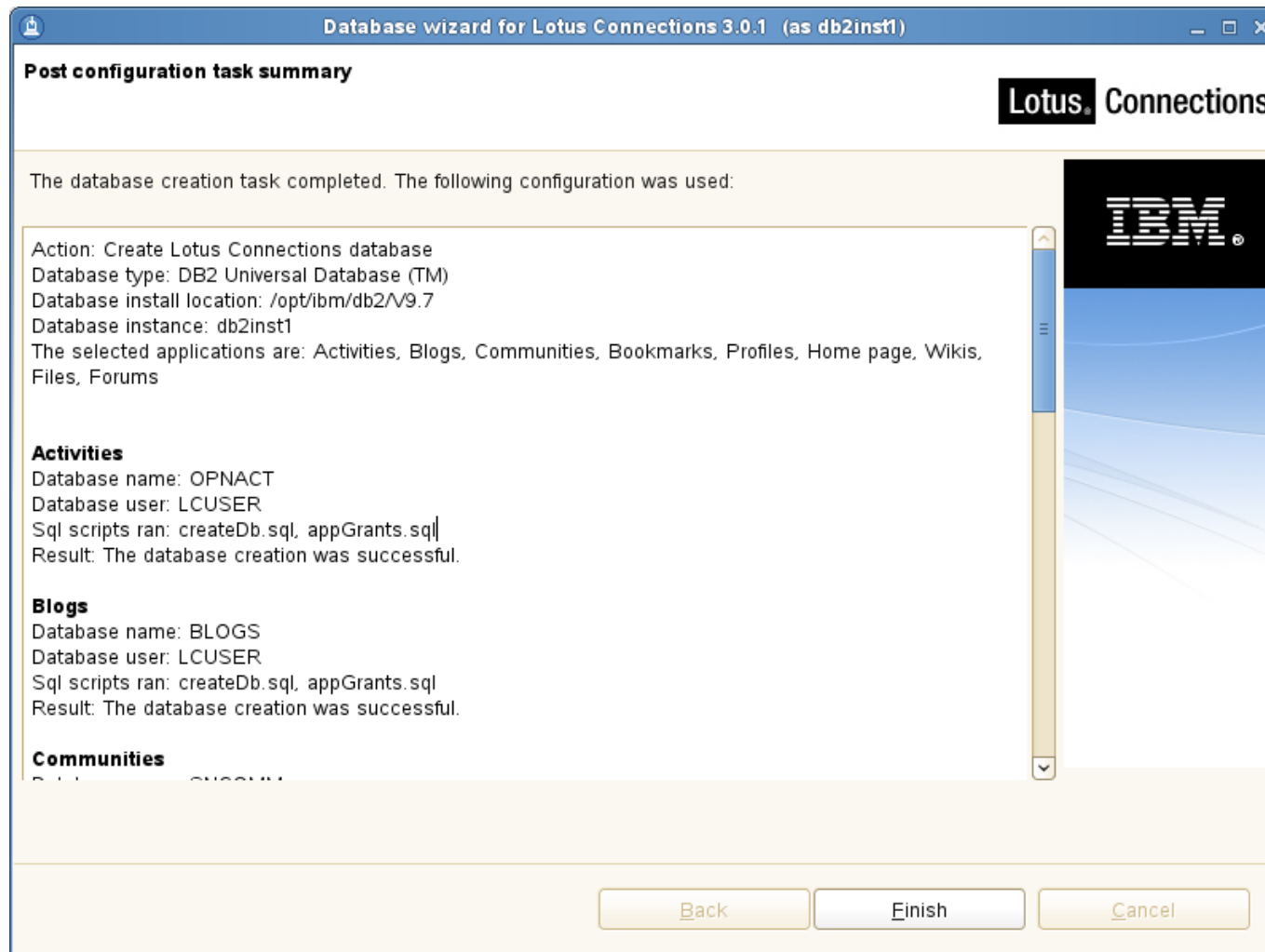
Activities
Database name: OPNACT
Database user: LCUSER
Sql scripts to run: createDb.sql, appGrants.sql

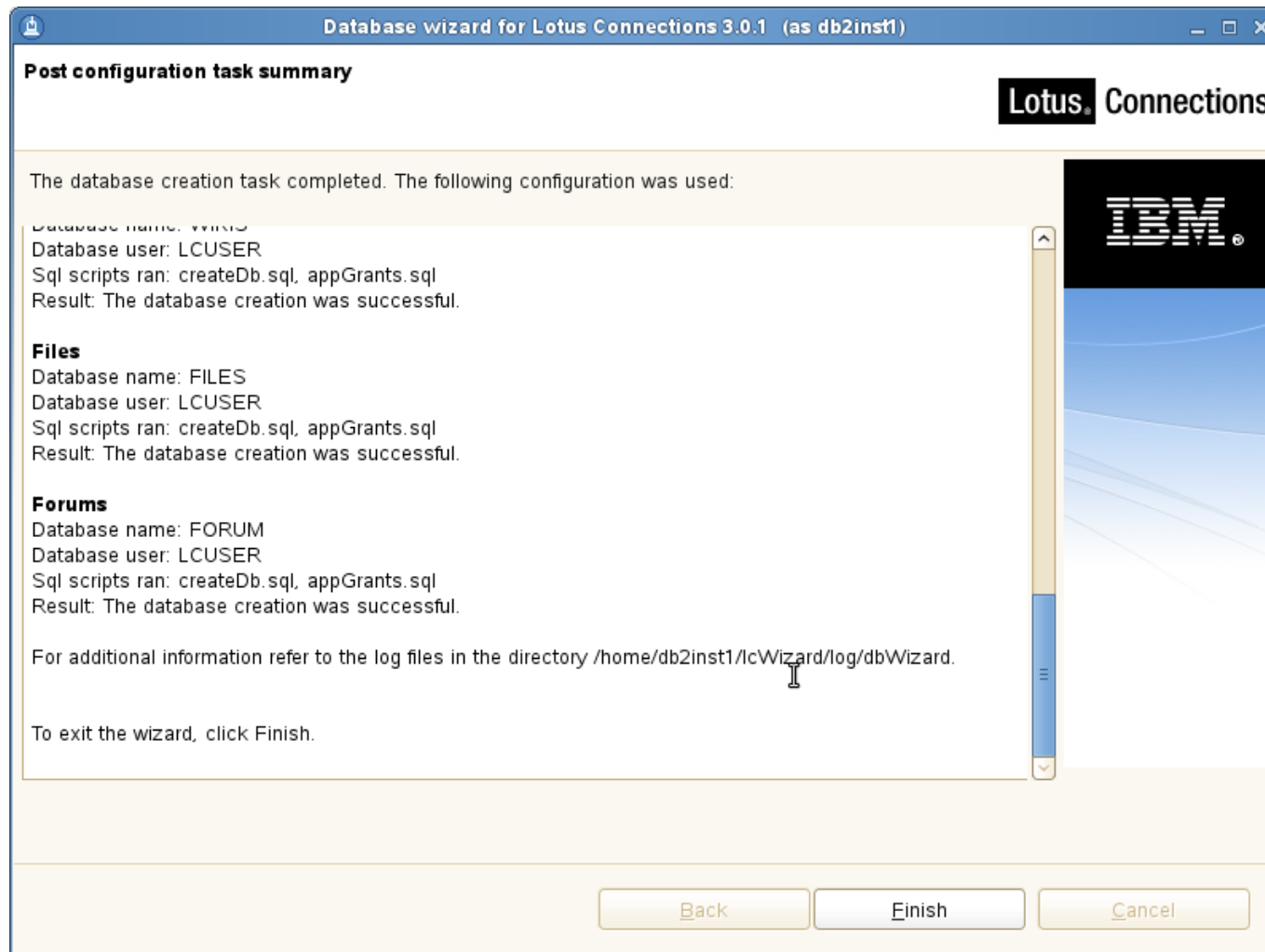
Blogs
Database name: BLOGS
Database user: LCUSER
Sql scripts to run: createDb.sql, appGrants.sql

Communities
Database name: SNCOMM
Database user: LCUSER

☒ Show the detailed database commands.

Back Create Cancel







Installation - Checkliste

Pre-Install

- ☒ WebSphere
- ☒ IHS und WAS Plugins
- ☒ WebSphere UpdateInstaller
- ☒ Fixes für WAS
- ☒ Fixes für IHS
- ☒ Fixes für Plugins
- ☒ DB2
- ☒ DB2 Lizenz
- ☒ TDI
- ☒ TDI Fixpack

Pre-Install Konfiguration

- ☒ Start Dmgr
- ☒ WAS Security

- ☒ DB Wizard
- ☐ Profile Population

LC Installation

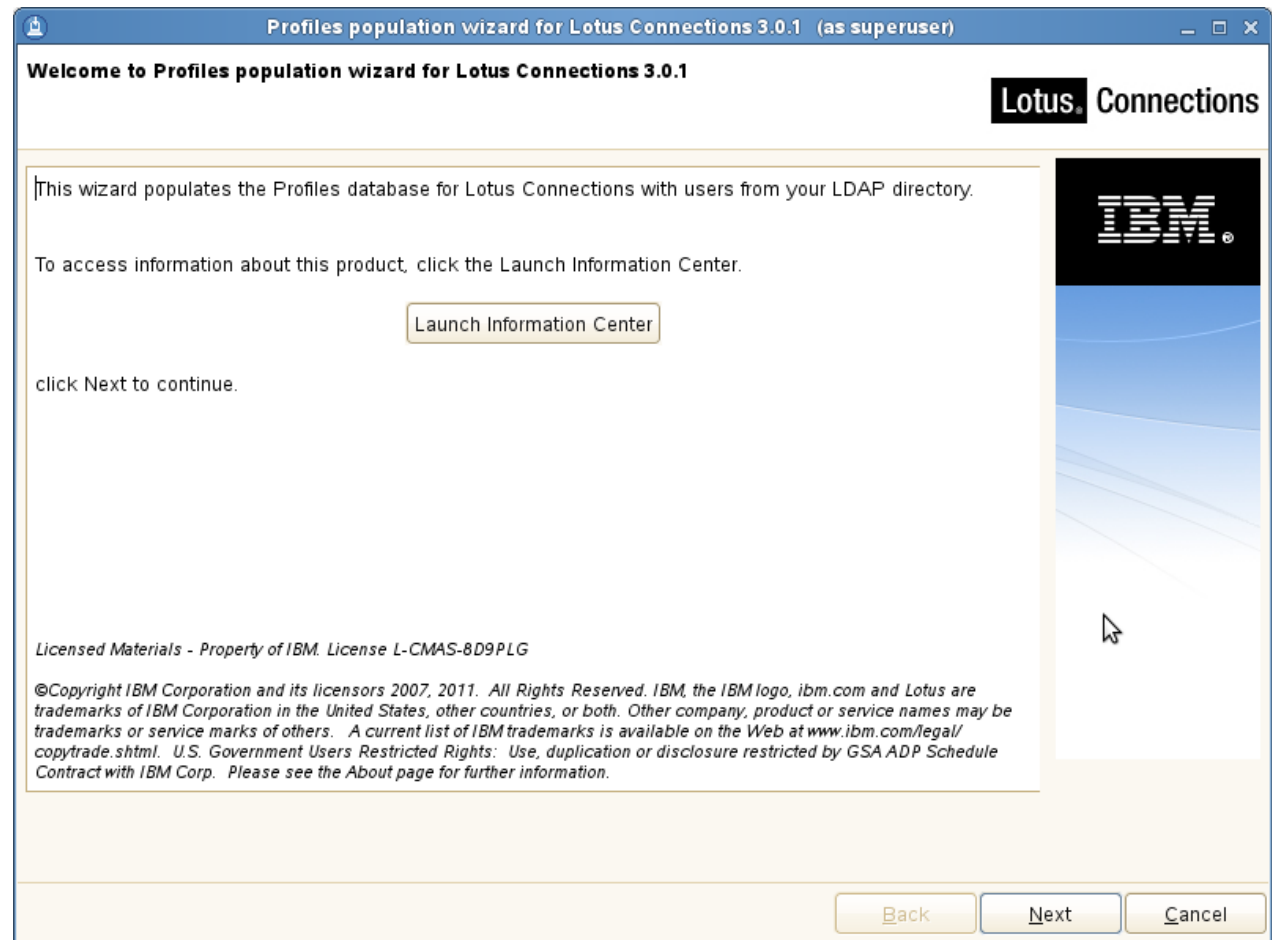
- ☐ LC Installer

Post-Install Konfiguration

- ☐ IHS
- ☐ SSL für IHS
- ☐ Zertifikate importieren
- ☐ Web Adressen zuordnen
- ☐ Connections starten
- ☐ Zugriffe testen
- ☐ Security und Admins
- ☐ Blogs Homepage



➤ populationWizard.sh ausführen (als root am DB Server)





Profiles population wizard for Lotus Connections 3.0.1 (as superuser)

Tivoli Directory Integrator install location

The wizard was unable to locate the Tivoli Directory Integrator in the default location.

Lotus Connections

Lotus Connections uses Tivoli Directory Integrator to populate the Profiles database. Specify the location of the Tivoli Directory Integrator program files. Tivoli Directory Integrator must be version 7.0, FixPack5.

Select the location of the Tivoli Directory Integrator installation directory:

Population Wizard (2)



Profiles population wizard for Lotus Connections 3.0.1 (as superuser)

Profiles database type

Select the Profiles database type.

☒ DB2 Universal Database(TM)

☐ Oracle Enterprise Edition

☐ SQL Server Enterprise Edition

Back Next Cancel

Population Wizard (3)



Profiles population wizard for Lotus Connections 3.0.1 (as superuser)

Profiles database properties

Lotus Connections

Enter the Profiles database properties. The wizard uses this information to access the Profiles database.

Host name:

Port:

Database name:

JDBC driver library path:

User ID (Account used to write to database):

Password:

Population Wizard (4)



Profiles population wizard for Lotus Connections 3.0.1 (as superuser)

LDAP server connection

Lotus Connections

Specify the LDAP host name and port to enable the Profiles population wizard to connect to the LDAP server.

LDAP server name:

LDAP server port:

Select to use SSL communication for secured access

☐ Use SSL communication

Back Next Cancel

Population Wizard (5)



Profiles population wizard for Lotus Connections 3.0.1 (as superuser)

LDAP authentication properties

Enter the bind distinguished name and password to allow the wizard to access the LDAP directory.

Bind distinguished name (DN):

Bind password:

Lotus Connections

IBM

Back Next Cancel

Population Wizard (6)



Profiles population wizard for Lotus Connections 3.0.1 (as superuser)

Base distinguished name and filter for searches

Enter the base distinguished name and filter for this wizard to begin searching for users in the LDAP directory tree.

LDAP user search base:

LDAP user search filter:

Lotus Connections

IBM

Back Next Cancel

Population Wizard (7)



Profiles population wizard for Lotus Connections 3.0.1 (as superuser)

Optional database tasks

Select the check box for each type of optional information that you want to add. You must supply a CSV file with data for each information type.

☐ Countries
/install/LC3.0.1/Wizards/TDIPopulation/TDISOL/linux/isocc.csv Browse

☐ Departments
/install/LC3.0.1/Wizards/TDIPopulation/TDISOL/linux/deptinfo.csv Browse

☐ Organizations
/install/LC3.0.1/Wizards/TDIPopulation/TDISOL/linux/orginfo.csv Browse

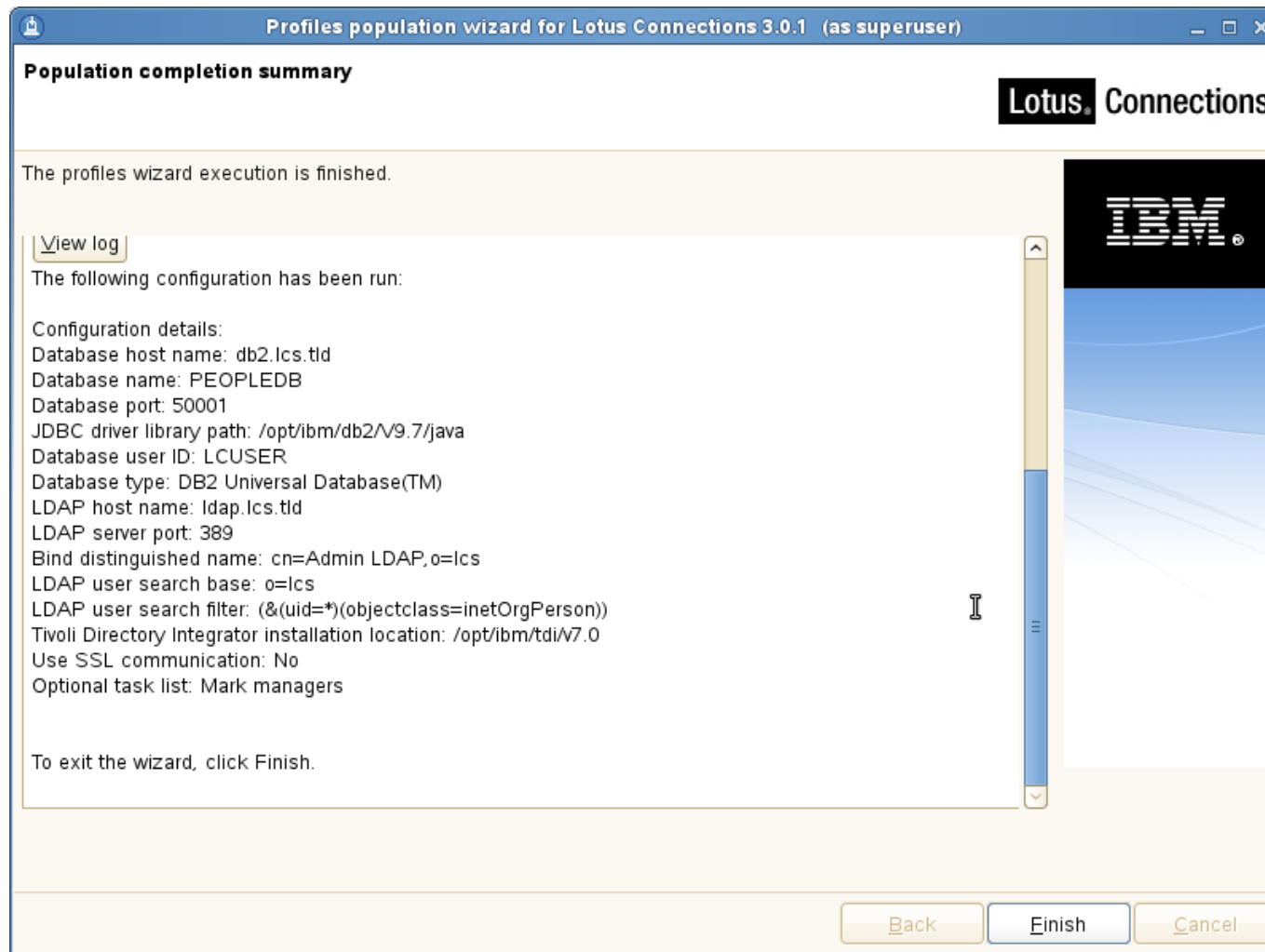
☐ Employee types
/install/LC3.0.1/Wizards/TDIPopulation/TDISOL/linux/emptype.csv Browse

☐ Work locations
/install/LC3.0.1/Wizards/TDIPopulation/TDISOL/linux/workloc.csv Browse

Do you want to run the task that marks the profiles of each manager?

Back Next Cancel

Population Wizard (8)





Installation von IBM Connections

Installation Connections





Installation - Checkliste

Pre-Install

- ☒ WebSphere
- ☒ IHS und WAS Plugins
- ☒ WebSphere UpdateInstaller
- ☒ Fixes für WAS
- ☒ Fixes für IHS
- ☒ Fixes für Plugins
- ☒ DB2
- ☒ DB2 Lizenz
- ☒ TDI
- ☒ TDI Fixpack

Pre-Install Konfiguration

- ☒ Start Dmgr
- ☒ WAS Security

- ☒ DB Wizard
- ☒ Profile Population

LC Installation

- ☐ LC Installer

Post-Install Konfiguration

- ☐ IHS
- ☐ SSL für IHS
- ☐ Zertifikate importieren
- ☐ Web Adressen zuordnen
- ☐ Connections starten
- ☐ Zugriffe testen
- ☐ Security und Admins
- ☐ Blogs Homepage

JDBC Treiber kopieren



➤ JDBC Treiber vom DB Server zum WAS kopieren

➤ Am WAS

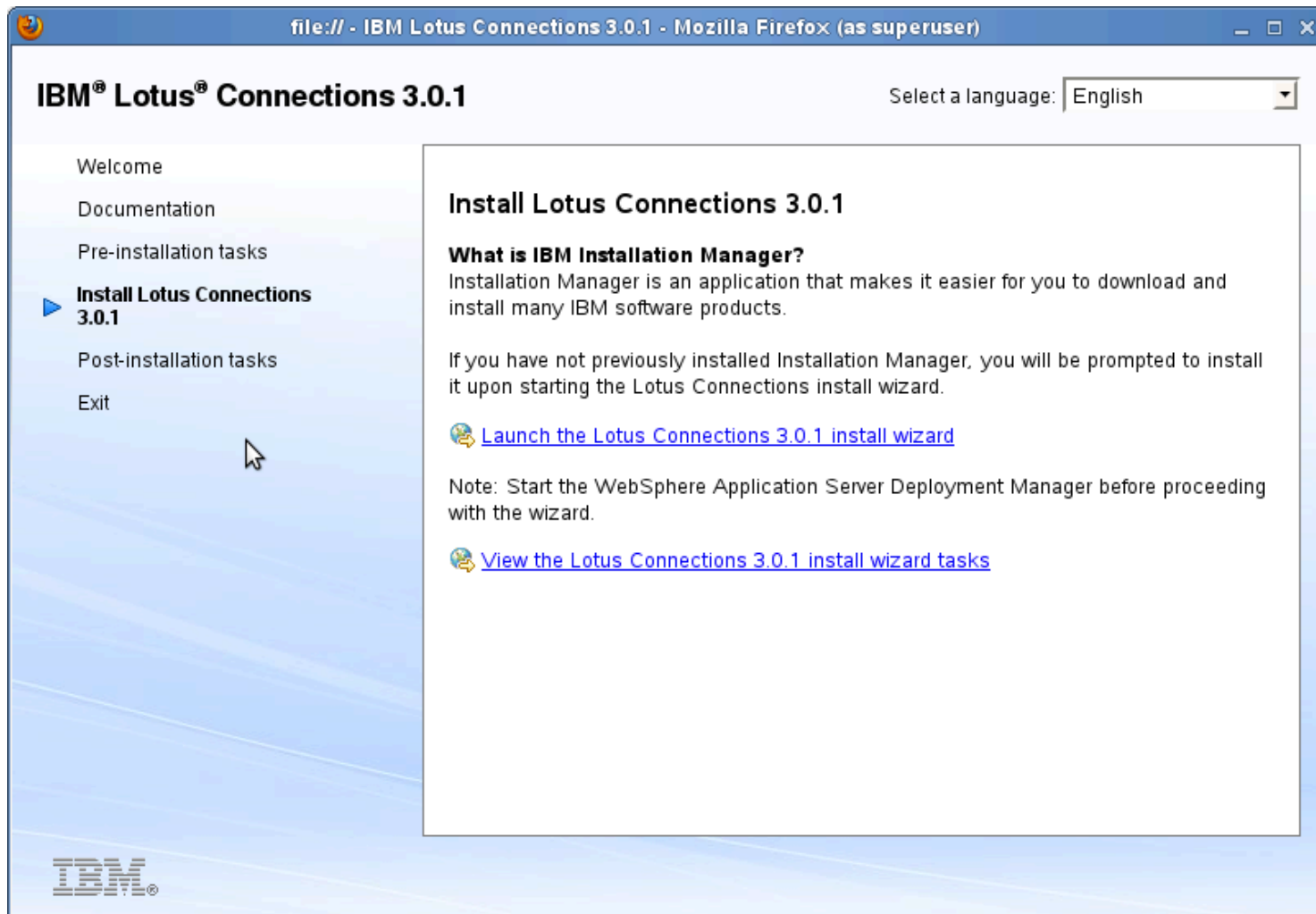
➤ mkdir /opt/ibm/jdbc

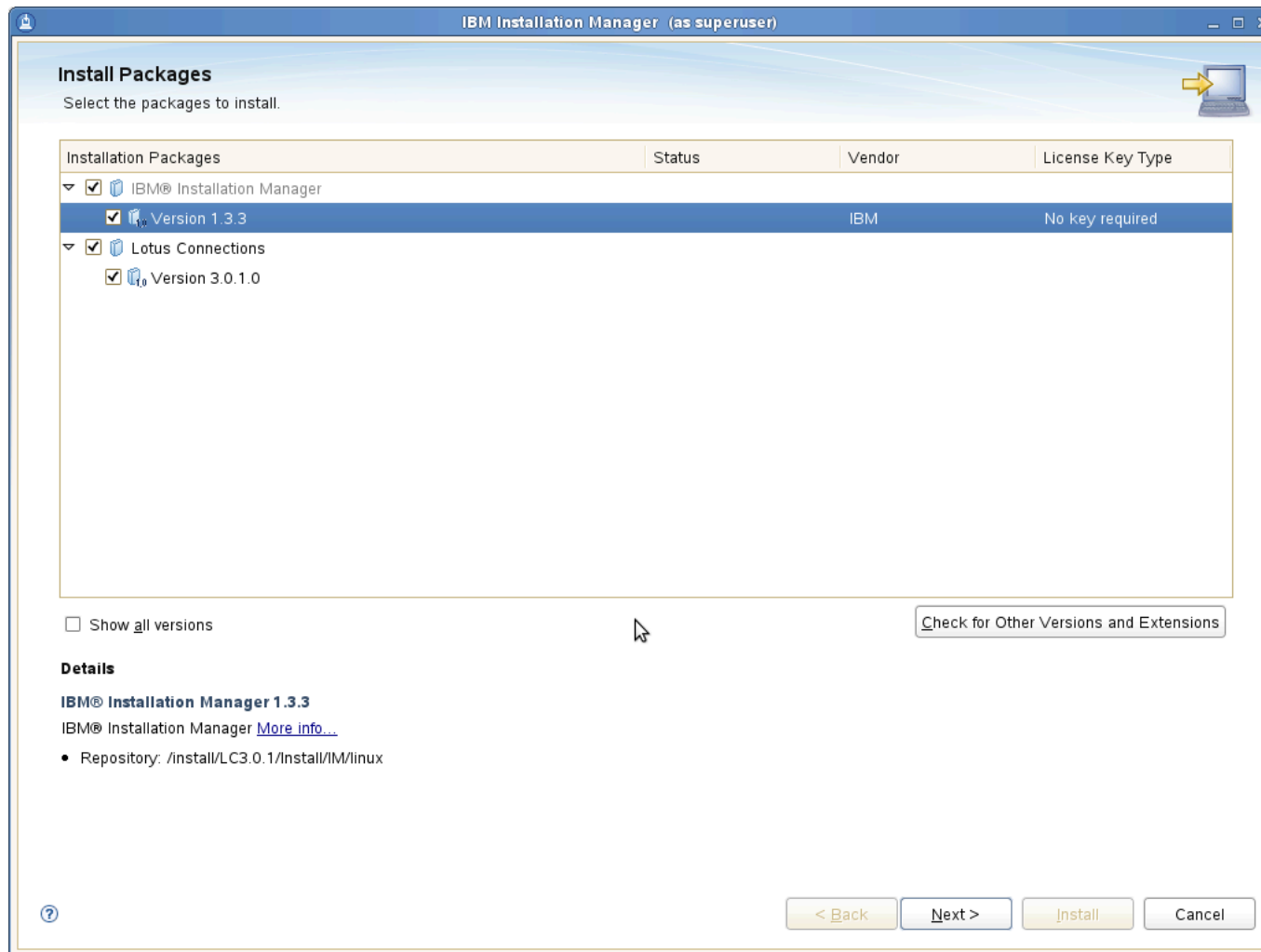
➤ scp [root@db.lcs.tld:/opt/ibm/db2/v9.7/java/db2jcc*](#) /opt/ibm/jdbc/

DMgr und Node Agent



- **Vor der Installation von Connections prüfen**
- **DMgr gestartet**
- **Node Agent nicht gestartet!**







IBM Installation Manager (as superuser)

Install Packages

Read the following license agreements carefully.

Install | **Licenses** | Location | Features | Summary

- IBM® Lotus Connections
 - IBM® Lotus Connections
 - IBM® Lotus Connections License Agreement
 - IBM® Lotus Connections License Information
- IBM Installation Manager
 - License Agreement**

IMPORTANT: READ CAREFULLY

Two license agreements are presented below.

1. IBM International License Agreement for Evaluation of Programs
2. IBM International Program License Agreement

If Licensee is obtaining the Program for purposes of productive use (other than evaluation, testing, trial "try or buy," or demonstration): By clicking on the "Accept" button below, Licensee accepts the IBM International Program License Agreement, without modification.

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Print All...

? < Back Next > Install Cancel



IBM Installation Manager (as superuser)

Install Packages

Select a location for the shared resources directory and a location for Installation Manager.

Install | Licenses | **Location** | Features | Summary

When you install packages, files are stored in two locations:

- 1) The shared resources directory - resources that can be shared by multiple packages.
- 2) The installation directory - any resources that are unique to the package that you are installing.

Important: You can only select the shared resources directory the first time you install a package with the IBM Installation Manager. For best results select the drive with the most available space because it must have adequate space for the shared resources of future packages.

Shared Resources Directory: [Browse...](#)

Once installed, IBM Installation Manager will be used to install, update, modify, manage and uninstall your packages.

Installation Manager Directory: [Browse...](#)

Disk Space Information

Volume	Available Space
/	40.40 GB

[?](#) [< Back](#) [Next >](#) [Install](#) [Cancel](#)



IBM Installation Manager (as superuser)

Install Packages

A package group is a location that contains one or more packages. Some compatible packages can be installed into a common package group and will share a common user interface. Select an existing package group, or create a new one.

Install > Licenses > **Location** > Features > Summary

☐ Use the existing package group

☒ Create a new package group

Package Group Name	Installation Directory
IBM® Lotus Connections	/opt/ibm/LotusConnections

Package Group Name: IBM® Lotus Connections

Installation Directory:

Details

Shared Resources Directory: /opt/ibm/SPShared

Disk Space Information

Volume	Available Space
/	40.39 GB



IBM Installation Manager (as superuser)

Install Packages
Select the features to install.

Install | Licenses | Location | **Features** | Summary

Features

- ☒ IBM® Installation Manager 1.3.3
- ☒ Lotus Connections 3.0.1.0
 - ☒ Core Features
 - ☒ Search
 - ☒ News repository
 - ☒ Home page
 - ☒ All Features
 - ☒ Activities
 - ☒ Blogs
 - ☒ Communities
 - ☒ Bookmarks
 - ☒ Files

☐ Show dependencies
Selected by Installation Manager because of dependencies

Expand All | Collapse All | Restore Default

Details
IBM® Installation Manager 1.3.3
IBM® Installation Manager

Disk Space Information

	Volume	Required	Temporary	Total	Available
Shared Resources Area	/	0.0 KB	901.40 MB	901.40 MB	40.39 GB

< Back | Next > | Install | Cancel



IBM Installation Manager (as superuser)

Install Packages

Fill in the configurations for the packages.

Install > Licenses > Location > **Features** > Summary

- Common Configurations
 - WebSphere Configuration**
 - Topology Configuration
 - Database Configuration
 - Content Store Configuration
 - Notification Configuration

Common Configurations

WebSphere Configuration

WebSphere Application Server Selection

Select WebSphere Application Server install location:

Select Deployment Manager profile:

Host Name:

Deployment Manager Information

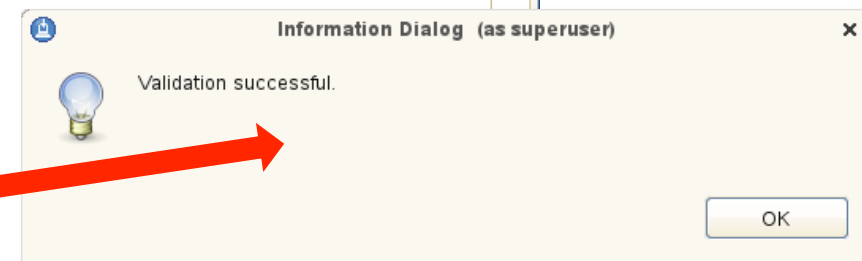
These credentials should already exist for the chosen Profile.

Administrator user ID:

Administrator password:

SOAP port number:

< Back Next > Install Cancel





IBM Installation Manager (as superuser)

Install Packages

Fill in the configurations for the packages.

Install > Licenses > Location > **Features** > Summary

- Common Configurations
 - WebSphere Configuration
 - Topology Configuration**
 - Database Configuration
 - Content Store Configuration
 - Notification Configuration

Common Configurations

Topology Configuration

☒ Medium Deployment - Applications grouped into several clusters
☐ Large Deployment - Each application installed in its own cluster

Specify application cluster name

To use custom cluster names, enter a new cluster name for each application. (Note: multiple applications can use the same cluster.) Then specify the nodes for each cluster and enter a new server name for each selected node or accept the default server name. Click the cluster or server text field to edit the name.

[Reset to defaults](#)

Application	Cluster Name	Node	Server Member
Activities	Cluster1	<input checked="" type="checkbox"/> connectionsNode01	Cluster1_server1
Blogs	Cluster2	<input checked="" type="checkbox"/> connectionsNode01	Cluster2_server1
Communities	Cluster1	<input checked="" type="checkbox"/> connectionsNode01	Cluster1_server1
Bookmarks	Cluster2	<input checked="" type="checkbox"/> connectionsNode01	Cluster2_server1
Home page	InfraCluster	<input checked="" type="checkbox"/> connectionsNode01	InfraCluster_server1
Profiles	Cluster1	<input checked="" type="checkbox"/> connectionsNode01	Cluster1_server1
Files	Cluster2	<input checked="" type="checkbox"/> connectionsNode01	Cluster2_server1
Forums	Cluster1	<input checked="" type="checkbox"/> connectionsNode01	Cluster1_server1

< Back Next > Install Cancel



IBM Installation Manager (as superuser)

Install Packages

Fill in the configurations for the packages.

Install > Licenses > Location > **Features** > Summary

- Common Configurations
 - WebSphere Configuration
 - Topology Configuration
 - Database Configuration**
 - Content Store Configuration
 - Notification Configuration

Common Configurations

Database Configuration

DB Location

Are all Lotus Connections applications using the same database server?

☒ Yes, they are on the same database instance.

☐ No, they are on different database instances.

Database Type

Select database type:

DB2 Universal Database(TM)

Database Server Information

Database server host name:

db2.lcs.tld

Port:

50001

JDBC driver location:

/opt/ibm/db2/V9.7/java Browse

Application Database Information

☒ Use the same password for all applications.

Application	DB Name	User ID	Password
-------------	---------	---------	----------

< Back Next > Install Cancel



IBM Installation Manager (as superuser)

Install Packages

Fill in the configurations for the packages.

Install > Licenses > Location > **Features** > Summary

- Common Configurations
 - WebSphere Configuration
 - Topology Configuration
 - Database Configuration**
 - Content Store Configuration
 - Notification Configuration

Common Configurations

Database Configuration

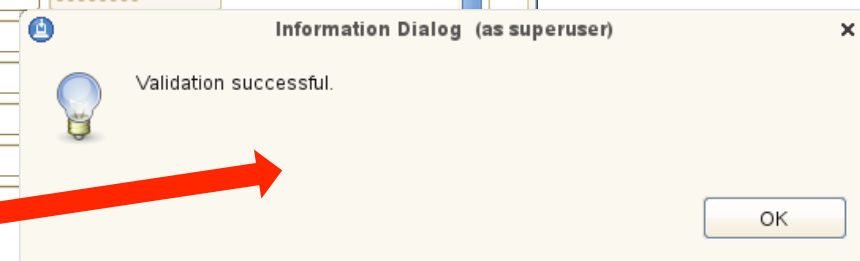
JDBC driver location:

Application Database Information

☒ Use the same password for all applications.

Application	DB Name	User ID	Password
Activities	<input type="text" value="OPNACT"/>	<input type="text" value="LCUSER"/>	<input type="password" value="....."/>
Blogs	<input type="text" value="BLOGS"/>	<input type="text" value="LCUSER"/>	<input type="password" value="....."/>
Communities	<input type="text" value="SNCOMM"/>	<input type="text" value="LCUSER"/>	<input type="password" value="....."/>
Bookmarks	<input type="text" value="DOGEAR"/>	<input type="text" value="LCUSER"/>	<input type="password" value="....."/>
Files	<input type="text" value="FILES"/>	<input type="text" value="LCUSER"/>	<input type="password" value="....."/>
Forums	<input type="text" value="FORUM"/>	<input type="text" value="LCUSER"/>	<input type="password" value="....."/>
Home page	<input type="text" value="HOMEPAGE"/>	<input type="text" value="LCUSER"/>	<input type="password" value="....."/>
Profiles	<input type="text" value="PEOPLEDDB"/>	<input type="text" value="LCUSER"/>	<input type="password" value="....."/>
Wikis	<input type="text" value="WIKIS"/>	<input type="text" value="LCUSER"/>	<input type="password" value="....."/>

< Back Next > Install Cancel





IBM Installation Manager (as superuser)

Install Packages

Fill in the configurations for the packages.

Install > Licenses > Location > **Features** > Summary

- Common Configurations
 - ☒ WebSphere Configuration
 - ☒ Topology Configuration
 - ☒ Database Configuration
 - ☒ Content Store Configuration**
 - ☒ Notification Configuration

Common Configurations

Content Store Configuration

Shared Content Store

Content that is shared among all nodes. Please make sure the location can be used by each node in the cluster. Select a network share location:

...

Local Content Store

Contents that are stored locally on each node. Please make sure the path specified exists on all nodes in the cluster. Select a local directory:

...

< Back Next > **Install** Cancel



IBM Installation Manager (as superuser)

Install Packages

Fill in the configurations for the packages.

Install > Licenses > Location > **Features** > Summary

- Common Configurations
 - WebSphere Configuration
 - Topology Configuration
 - Database Configuration
 - Content Store Configuration
 - Notification Configuration**

Common Configurations

Notification Configuration

Notification Solution

Notification enables Lotus Connections applications to send mail notifications based on key events, and allow users to Choose the notification solution :

☒ WebSphere Java Mail Session - Use a single mail server for all notifications

☐ DNS MX Records - Use information from DNS to determine which mail servers to use

☐ Do not enable Notification

SMTP Server Information

Specify the properties of the SMTP messaging server. This server is used to send outgoing mail notifications.

Host name of SMTP messaging server:

☐ This SMTP server requires authentication:

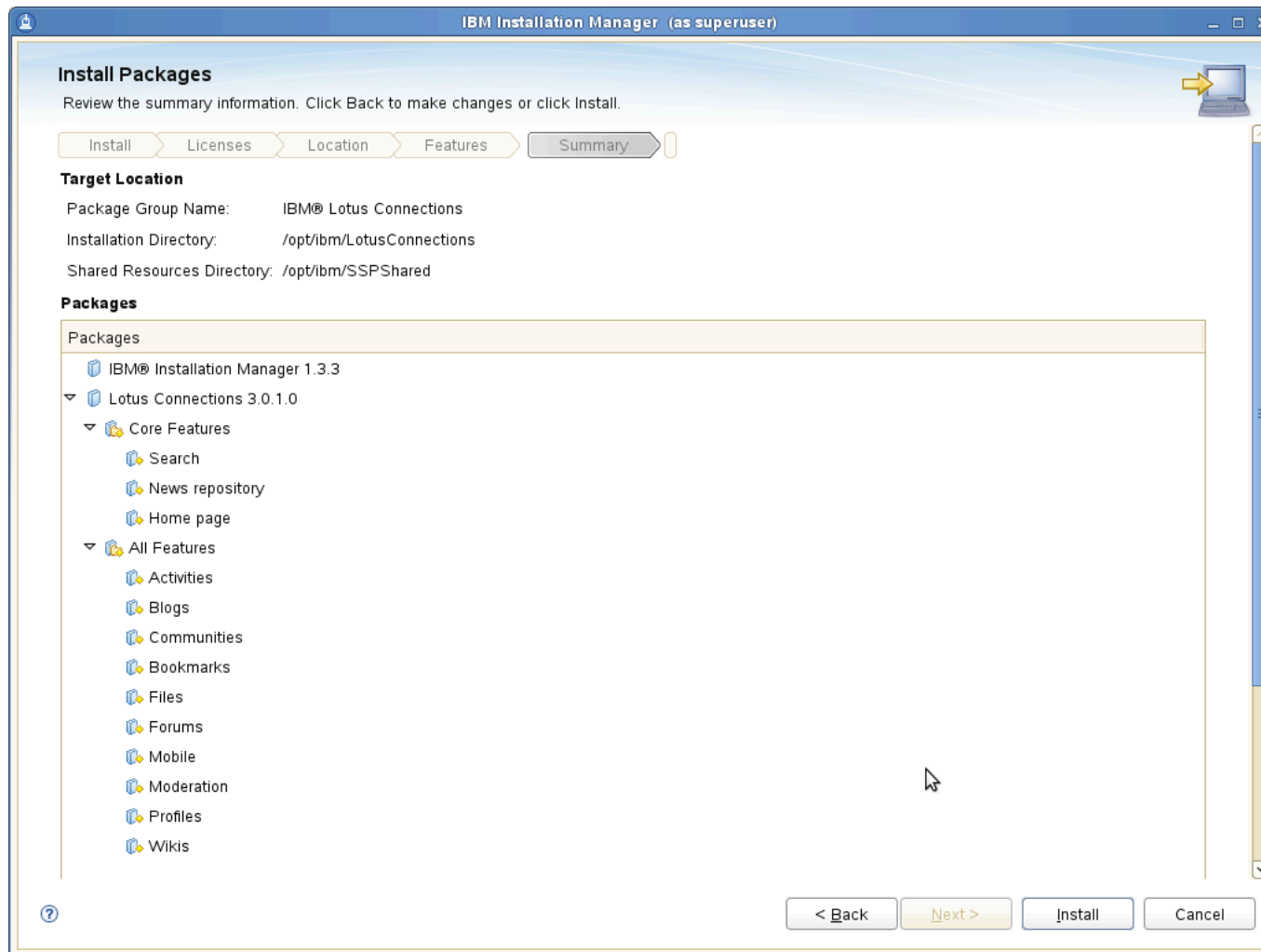
User ID :

Password :

☐ Encrypt outgoing mail traffic to the SMTP messaging server using SSL

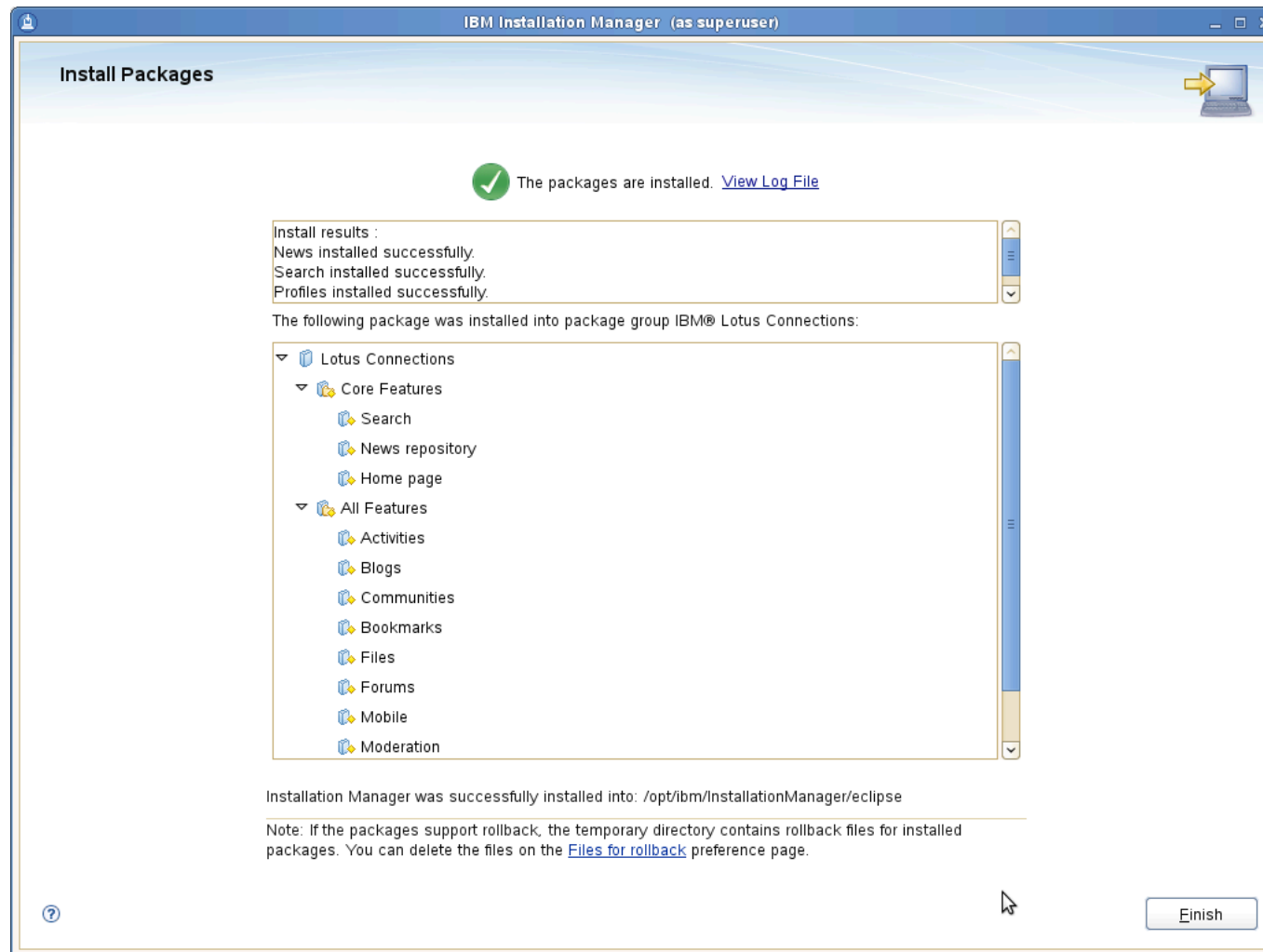
Port (default for non-SSL is 25, SSL is 465) :

< Back Next > Install Cancel





- Und jetzt?
- **W A R T E N !!!**
- Dauert je nach Geschwindigkeit des Servers ca. 60 - 120 min
- Fortschrittsbalken seltsam





Installation - Checkliste

Pre-Install

- ☒ WebSphere
- ☒ IHS und WAS Plugins
- ☒ WebSphere UpdateInstaller
- ☒ Fixes für WAS
- ☒ Fixes für IHS
- ☒ Fixes für Plugins
- ☒ DB2
- ☒ DB2 Lizenz
- ☒ TDI
- ☒ TDI Fixpack

Pre-Install Konfiguration

- ☒ Start Dmgr
- ☒ WAS Security

- ☒ DB Wizard
- ☒ Profile Population

LC Installation

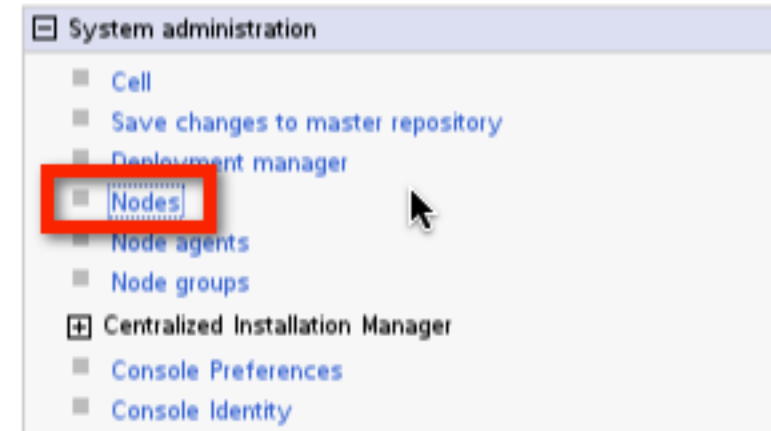
- ☒ LC Installer

Post-Install Konfiguration

- ☐ IHS
- ☐ SSL für IHS
- ☐ Zertifikate importieren
- ☐ Web Adressen zuordnen
- ☐ Connections starten
- ☐ Zugriffe testen
- ☐ Security und Admins
- ☐ Blogs Homepage



► Unmanaged Node anlegen



Nodes

Use this page to manage nodes in the application server environment. A node corresponds to a physical computer system with a distinct IP host address. The following table lists the managed and unmanaged nodes in this cell. The first node is the deployment manager. Add new nodes to the cell and to this list by clicking Add Node.

⊞ Preferences

Add Node Remove Node Force Delete Synchronize Full Resynchronize Stop

☒ ☐ ☐ ☐

Select	Name	Host Name	Version	Discovery Protocol	Status
You can administer the following resources:					
	connectionsCellManager01	connections.lcs.tld	ND 7.0.0.11	TCP	
<input type="checkbox"/>	connectionsNode01	connections.lcs.tld	ND 7.0.0.0	TCP	

Total 2



Nodes

[Close page](#)

Add Node

Use this page to add either a managed or an unmanaged node.

☐ Managed node

Specifies the creation of a managed node. A managed node contains an application server process that runs within the deployment manager cell. The managed node is associated with a node agent process that maintains the configuration for the node and controls its operation. Choosing this option results in running the add node utility to federate an existing standalone application server.

☒ Unmanaged node

Specifies the creation of an unmanaged node. An unmanaged node represents a node in the topology that does not have an application server process or a node agent process. Unmanaged nodes are for other server processes, such as Web servers that exist on their own node in the topology.



Nodes ?

Nodes > New

Use this page to view or change the configuration for an unmanaged node. An unmanaged node is a node defined in the cell topology that does not have a node agent running to manage the process. Unmanaged nodes are typically used to manage Web servers.

Configuration

General Properties

* Name
webserver1node

* Host Name
www.jcs.tld

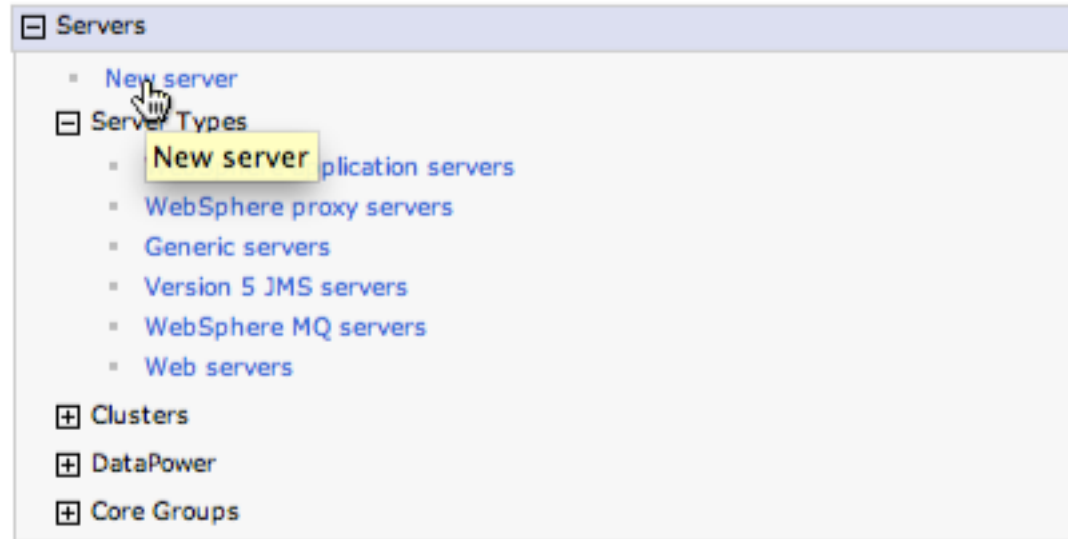
* Platform Type
Linux

Apply OK Reset Cancel

The additional properties will not be available until the general properties for this item are applied or saved.

Additional Properties

- Custom Properties



New server

Use this page to add a server.

→ **Select server type**

Select a Node

Select a template

Confirm new server

Select server type

Choose a server type:

Web server

Create new server instance

Next



Create new Web server definition

Use this page to create a new Web server.

→ **Step 1: Select a node for the Web server and select the Web server type**

Step 2: Select a Web server template

Step 3: Enter the properties for the new Web server

Step 4: Confirm new Web server

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
webserver1node

* Server name
webserver1

* Type
IBM HTTP Server

Next Cancel



Create new Web server definition

Use this page to create a new Web server.

Step 1: Select a node for the Web server and select the Web server type

→ **Step 2: Select a Web server template**

Step 3: Enter the properties for the new Web server

Step 4: Confirm new Web server

Select a Web server template

Select the template that corresponds to the server that you want to create.

Select	Template Name	Type	Description
<input checked="" type="radio"/>	IHS	System	The IHS Web Server Template

Previous

Next

Cancel



Create new Web server definition

Use this page to create a new Web server.

Step 1: Select a node for the Web server and select the Web server type

Step 2: Select a Web server template

→ **Step 3: Enter the properties for the new Web server**

Step 4: Confirm new Web server

Enter the properties for the new Web server

Enter the Web server properties.

* Port

* Web server installation location

* Plug-in installation location

Application mapping to the Web server

Enter the IBM Administration Server properties.

* Administration Server Port

* Username

* Password

* Confirm password

☐ Use SSL

Previous

Next

Cancel



Create new Web server definition

Use this page to create a new Web server.

Step 1: Select a node for the Web server and select the Web server type

Step 2: Select a Web server template

Step 3: Enter the properties for the new Web server

→ **Step 4: Confirm new Web server**

Confirm new Web server

The following is a summary of your selections. Click the Finish button to complete the Web server creation. If there are settings you wish to change, click on Previous button to review the server settings.

Summary of actions:

New Web server entry "webserver1" will be created on node "webserver1node"
Platform Type "Linux"
Web server installation root
"/opt/ibm/HTTPServer"
Plug-in Installation root
"/opt/ibm/HTTPServer/Plugins".

Previous

Finish

Cancel



Nodes

Nodes

Use this page to manage nodes in the application server environment. A node corresponds to a physical computer system with a distinct IP host address. The following table lists the managed and unmanaged nodes in this cell. The first node is the deployment manager. Add new nodes to the cell and to this list by clicking Add Node.

Preferences

Select	Name	Host Name	Version	Discovery Protocol	Status
You can administer the following resources:					
	connectionsCellManager01	connections.lcs.tld	ND 7.0.0.11	TCP	
<input checked="" type="checkbox"/>	connectionsNode01	connections.lcs.tld	ND 7.0.0.0	TCP	
<input type="checkbox"/>	webserver1node	www.lcs.tld	Not applicable	TCP	

Total 3

Node synchronisieren (2)



Integrated Solutions Console **Welcome wasadmin** [Help](#) | [Logout](#)

View: All tasks

- Welcome
- Guided Activities
- Servers
- Applications
- Services
- Resources
- Security
- Environment
- System administration
 - Cell
 - Save changes to master repository
 - Deployment manager
 - Nodes
 - Node agents
 - Node groups
 - Centralized Installation Manager
 - Console Preferences**
 - Console Identity
- Users and Groups
- Monitoring and Tuning
- Troubleshooting

Cell=connectionsCell01, Profile=Dmgr01

Console preferences

Specify user preferences for the administrative console workspace.

- ☒ Turn on workspace automatic refresh
- ☐ No confirmation on workspace discard
- ☐ Use default scope
- ☒ Show the help portlet
- ☐ Enable command assistance notifications
- ☐ Log command assistance commands
- ☒ Synchronize changes with Nodes

[Apply](#) [Reset](#)



Web servers

Use this page to view a list of the installed Web servers.

⊕ Preferences

Generate Plug-in Propagate Plug-in New Delete Templates... Start Stop Terminate

⏏ ⏏ ⏏ ⏏

Select	Name	Web server Type	Node	Host Name	Version	Status
You can administer the following resources:						
<input checked="" type="checkbox"/>	webserver1	IBM HTTP Server	webserver1node	www.lcs.tld	Not applicable	➡

Total 1

Messages

PLGC0005I: Plug-in configuration file =
/opt/ibm/WebSphere/AppServer/profiles/Dmgr01/config/cells/connectionsCell01/nodes/webserver1node/servers/webserver1/plugin-cfg.xml

PLGC0052I: Plug-in configuration file generation is complete for the Web server. connectionsCell01.webserver1node.webserver1.

Webserver Plugin (2)



Web servers

Use this page to view a list of the installed Web servers.

⊞ Preferences

[Generate Plug-in](#) [Propagate Plug-in](#) [New](#) [Delete](#) [Templates...](#) [Start](#) [Stop](#) [Terminate](#)

Select	Name	Web server Type	Node	Host Name	Version	Status
You can administer the following resources:						
<input checked="" type="checkbox"/>	webserver1	IBM HTTP Server	webserver1 node	www.lcs.tld	Not applicable	

Total 1

⊞ Messages

PLGC0062I: The plug-in configuration file is propagated from /opt/ibm/WebSphere/AppServer/profiles/Dmgr01/config/cells/connectionsCell01/nodes/webserver1 node/servers/webserver1/plugin-cfg.xml to /opt/ibm/HTTPServer/Plugins/config/webserver1/plugin-cfg.xml on the Web server computer.

PLGC0048I: The propagation of the plug-in configuration file is complete for the Web server. connectionsCell01.webserver1 node.webserver1.



Installation - Checkliste

Pre-Install

- ☒ WebSphere
- ☒ IHS und WAS Plugins
- ☒ WebSphere UpdateInstaller
- ☒ Fixes für WAS
- ☒ Fixes für IHS
- ☒ Fixes für Plugins
- ☒ DB2
- ☒ DB2 Lizenz
- ☒ TDI
- ☒ TDI Fixpack

Pre-Install Konfiguration

- ☒ Start Dmgr
- ☒ WAS Security

- ☒ DB Wizard
- ☒ Profile Population

LC Installation

- ☒ LC Installer

Post-Install Konfiguration

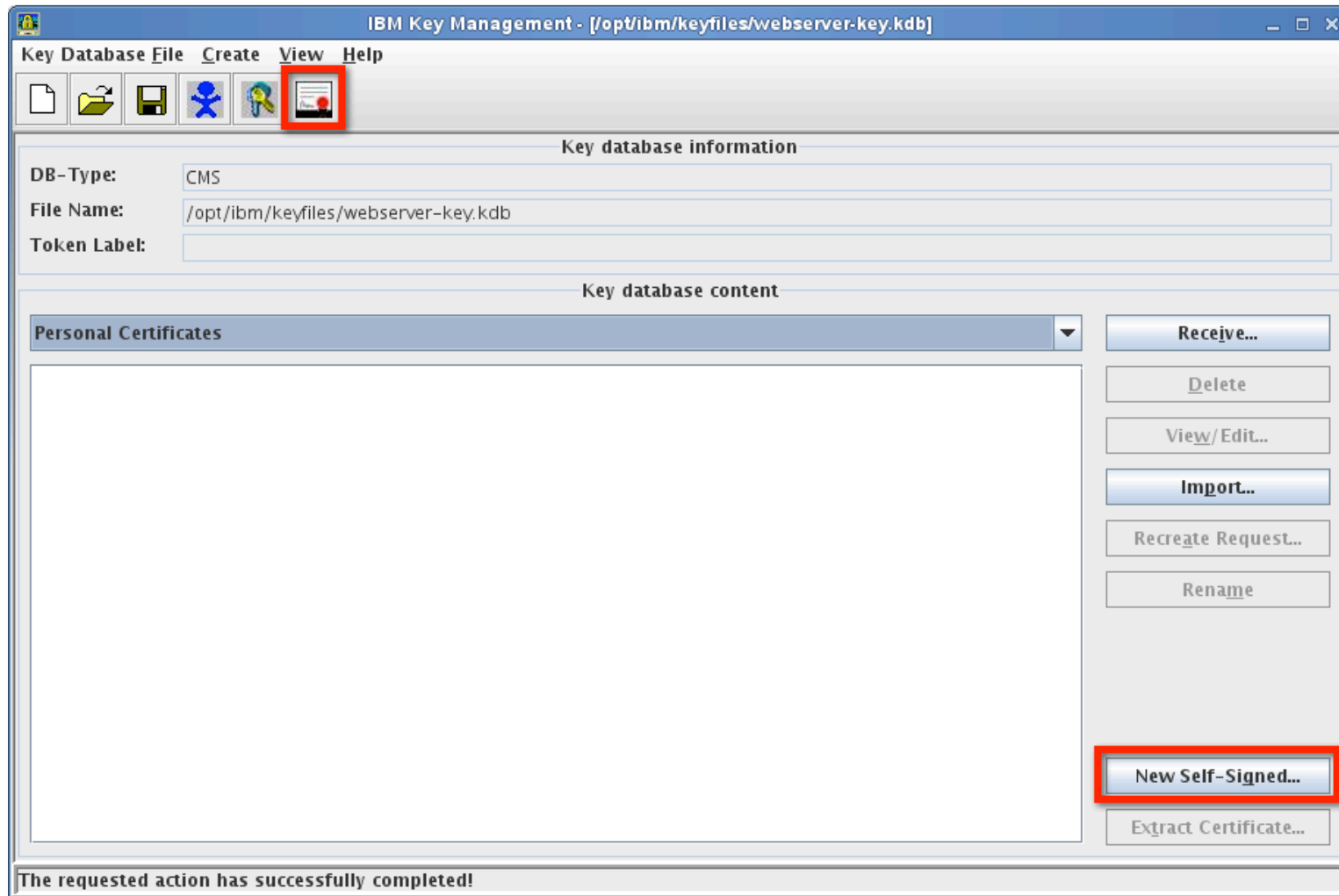
- ☒ IHS
- ☐ SSL für IHS
- ☐ Zertifikate importieren
- ☐ Web Adressen zuordnen
- ☐ Connections starten
- ☐ Zugriffe testen
- ☐ Security und Admins
- ☐ Blogs Homepage



› ikeyman starten

› /opt/ibm/HTTPServer/java/jre/bin/ikeyman





IBM Connections Selfsigned



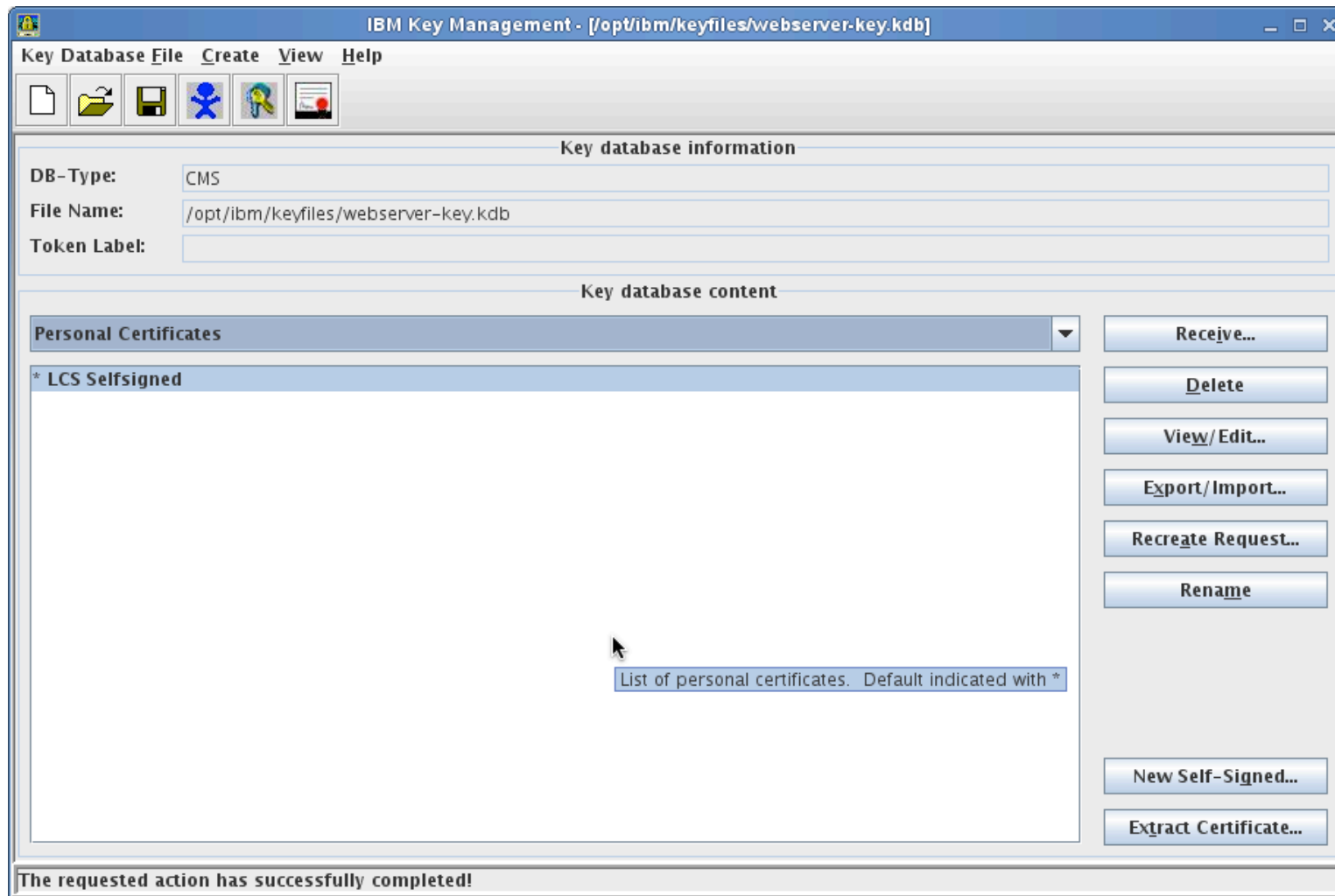
Create New Self-Signed Certificate

Please provide the following:

Key Label		LCS Selfsigned
Version		X509 V3
Key Size		2048
Signature Algorithm		SHA1WithRSA
Common Name (optional)		www.lcs.tld
Organization (optional)		Stoeps inc
Organizational Unit (optional)		
Locality (optional)		Munich
State/Province (optional)		Bavaria
Zipcode (optional)		80802
Country or region (optional)		DE
Validity Period	3650	Days
Subject Alternative Names		
Email Address (optional)		
IP Address (optional)		
DNS Name (optional)		

OK **Reset** **Cancel**

IBM Connections Selfsigned (2)





Web servers

Messages

webserver1node/webserver1 server stopped successfully.

Web servers
Use this page to view a list of the installed Web servers.

Preferences

Generate Plug-in

Propagate Plug-in

New

Delete

Templates...

Start

Stop

Terminate

Select	Name	Web server Type	Node	Host Name	Version	Status
You can administer the following resources:						
<input type="checkbox"/>	webserver1	IBM HTTP Server	webserver1node	www.lcs.tld	Not applicable	

Total 1

IBM Connections

http.conf (2)



Web servers ?

Web servers > webserver1

Use this page to configure a Web server that provides HTTP and HTTPS support to application servers.

Configuration

General Properties

Web server name

webserver1

Type

IBM HTTP Server

* Port

80

* Web server installation location

/opt/ibm/HTTPServer

* Configuration file name

`\${WEB_INSTALL_ROOT}/conf/httpd.conf`

Edit

Apply

OK

Reset

Cancel

Configuration settings

- Web Server Virtual Hosts
- Global Directives

Additional Properties

- Log file
- Configuration File
- Plug-in properties
- Remote Web server management
- Custom properties

+ Ports

IBM Connections

http.conf (3)



Web servers

[Web servers](#) > [webserver1](#) > `${WEB_INSTALL_ROOT}/conf/httpd.conf`

Use this page to view or modify the contents of the Web server configuration file.

Configuration file

```
#
# This is the main IBM HTTP server configuration file. It contains the
# configuration directives that give the server its instructions.
# See <URL:http://publib.boulder.ibm.com/htpasswd/manual70/> for detailed
# information about the Apache directives.
#
# The instructions provided in this configuration file are only hints or
# reminders. Consult the online docs for definitive information.
#
# The configuration directives are grouped into three basic sections:
# 1. Directives that control the operation of the web server process as a
#    whole (the 'global environment').
# 2. Directives that define the parameters of the 'main' or 'default' server,
#    which responds to requests that aren't handled by a virtual host.
#    These directives also provide default values for the settings
#    of all virtual hosts.
# 3. Settings for virtual hosts, which allow Web requests to be sent to
#    different IP addresses or hostnames and have them handled by the
#    same web server process.
#
# Configuration and log file names: If the filenames you specify for many
# of the server's control files begin with "/" (or "drive:/" for Win32), the
# server will use that explicit path. If the filenames do "not" begin
# with "/", the value of ServerRoot is prepended -- so "logs/foo.log"
# with ServerRoot set to "/opt/ibm/HTTPServer" will be interpreted by the
# server as "/opt/ibm/HTTPServer/logs/foo.log".
#
### Section 1: Global Environment
#
# The directives in this section affect the overall operation of IBM HTTP
# Server, such as the number of concurrent requests it can handle or where
# it can find its configuration files.
#
#
# ServerRoot: The top of the directory tree under which the server's
# configuration, error, and log files are kept.
#
# Do NOT add a slash at the end of the directory path.
#
ServerRoot "/opt/ibm/HTTPServer"
#
# The accept serialization lock file MUST BE STORED ON A LOCAL DISK.
#
#LockFile logs/accept.lock
#
# PidFile: The file in which the server should record its process
```

Apply OK Reset Cancel



➤ vi /opt/ibm/HTTPServer/conf/http.conf

```
LoadModule ibm_ssl_module modules/mod_ibm_ssl.so
<IfModule mod_ibm_ssl.c>
    Listen 192.168.0.2:443
    <VirtualHost www.lcs.tld:443>
        ServerName www.lcs.tld
        SSLEnable
    </VirtualHost>
</IfModule>
SSLDisable
Keyfile "/opt/ibm/keyfiles/webserver-key.kdb"
SSLStashFile "/opt/ibm/keyfiles/webserver-key.sth"
```

```
LoadModule was_ap22_module /opt/ibm/HTTPServer/Plugins/bin/32bits/mod_was_ap22_http.so
WebSpherePluginConfig /opt/ibm/HTTPServer/Plugins/config/webserver1/plugin-cfg.xml
```



ISC

Web servers

Web servers

Use this page to view a list of the installed Web servers.

⊞ Preferences

Generate Plug-in

Propagate Plug-in

New

Delete

Templates...

Start

Stop

Terminate

Select	Name ▾	Web server Type ▾	Node ▾	Host Name ▾	Version ▾	Status ↻
You can administer the following resources:						
<input checked="" type="checkbox"/>	webserver1	IBM HTTP Server	webserver1 node	www.lcs.tld	Not applicable	✖

Total 1

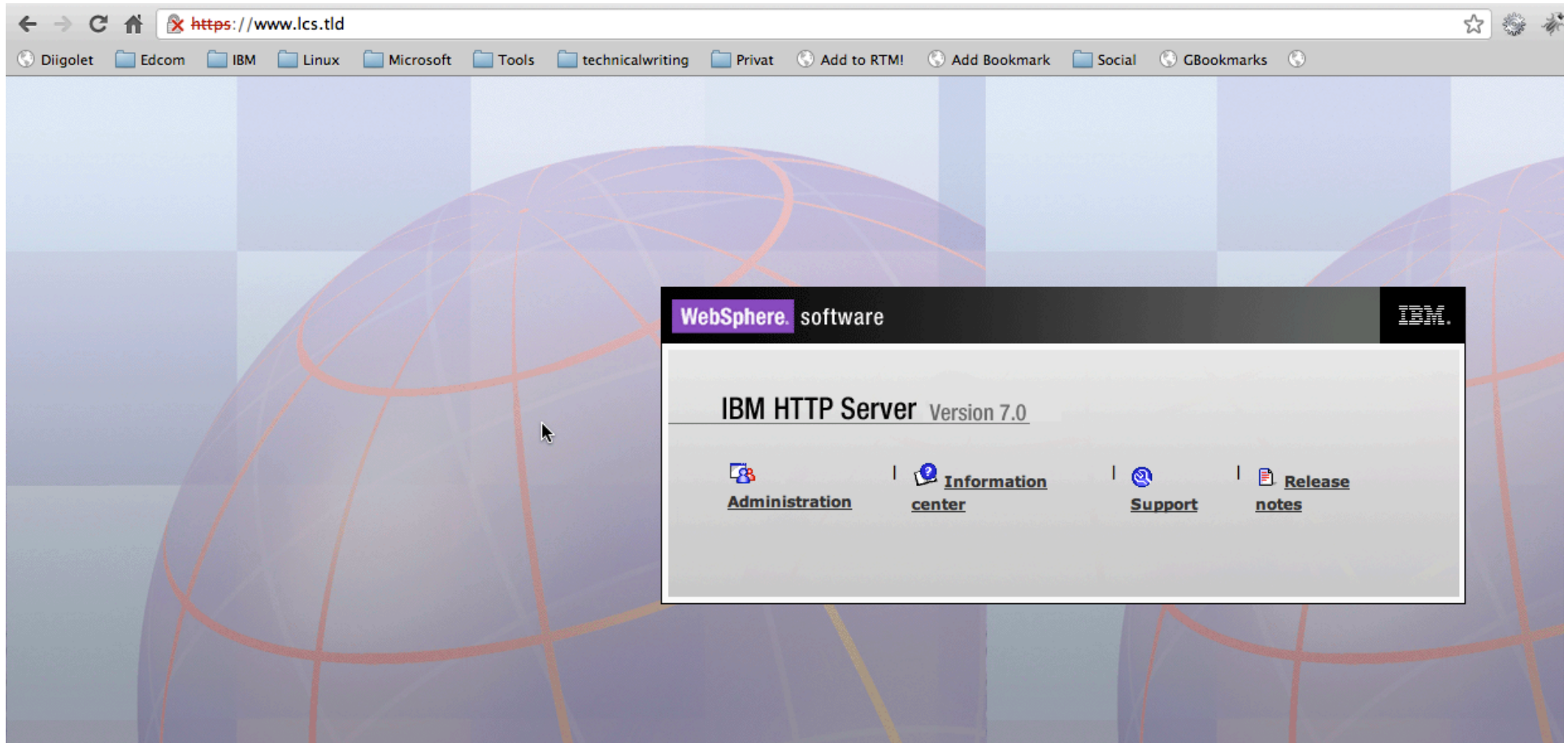


- **/opt/ibm/HTTPServer/bin/apachectl restart**
- **Links in /etc/init.d/ erstellen**
 - In `–s /opt/ibm/HTTPServer/bin/apachectl /etc/init.d/`
 - In `–s /opt/ibm/HTTPServer/bin/adminctl /etc/init.d/`
- **Klassischer Start über /etc/init.d/apachectl start**
- **Runlevel in /etc/inittab suchen**

```
# The default runlevel is defined here  
id:5:initdefault:
```

- `chkconfig –set 5 apachectl`
- `chkconfig –set 5 adminctl`

IBM Connections SSL testen





Redirect einrichten

› Verschiedene Möglichkeiten

- › /opt/ibm/HTTPServer/conf/http.conf
 - › LoadModule rewrite_module modules/mod_rewrite.so
 - › RewriteEngine on
 - › RewriteRule ^/\$ /homepage/ [R]
- › /opt/ibm/HTTPServer/htdocs/en_US/index.html
 - › Inhalt löschen und ersetzen mit:

```
<html>|  
<head> |  
<meta http-equiv="refresh" content="0; url=https://connections.lcs.tld/homepage/">  
<title>Weiterleitung zu Lotus Connections Server</title>  
<body>  
</body>  
</html>
```



Installation - Checkliste

Pre-Install

- ☒ WebSphere
- ☒ IHS und WAS Plugins
- ☒ WebSphere UpdateInstaller
- ☒ Fixes für WAS
- ☒ Fixes für IHS
- ☒ Fixes für Plugins
- ☒ DB2
- ☒ DB2 Lizenz
- ☒ TDI
- ☒ TDI Fixpack

Pre-Install Konfiguration

- ☒ Start Dmgr
- ☒ WAS Security

- ☒ DB Wizard
- ☒ Profile Population

LC Installation

- ☒ LC Installer

Post-Install Konfiguration

- ☒ IHS
- ☒ SSL für IHS
- ☐ Zertifikate importieren
- ☐ Web Adressen zuordnen
- ☐ Connections starten
- ☐ Zugriffe testen
- ☐ Security und Admins
- ☐ Blogs Homepage

IBM Connections Truststore



You can administer the following resources:				
<input type="checkbox"/>	CMSKeyStore	CMSKeyStore for web server webserver1.	{cell}:connectionsCell01: (node):webserver1node: (server):webserver1	\${CONFIG_ROOT}/cells/connectionsCell01/nodes/webserver1node/servers/webserver1/plugin-key.kdb
<input type="checkbox"/>	CellDefaultKeyStore	Default key store for connectionsCell01	{cell}:connectionsCell01	\${CONFIG_ROOT}/cells/connectionsCell01/key.p12
<input type="checkbox"/>	CellDefaultTrustStore	Default trust store for connectionsCell01	{cell}:connectionsCell01	\${CONFIG_ROOT}/cells/connectionsCell01/trust.p12
<input type="checkbox"/>	NodeDefaultKeyStore	Default key store for connectionsNode01	{cell}:connectionsCell01: (node):connectionsNode01	\${CONFIG_ROOT}/cells/connectionsCell01/nodes/connectionsNode01/key.p12
<input type="checkbox"/>	NodeDefaultTrustStore	Default trust store for connectionsNode01	{cell}:connectionsCell01: (node):connectionsNode01	\${CONFIG_ROOT}/cells/connectionsCell01/nodes/connectionsNode01/trust.p12
Total 5				

IBM Connections

Truststore (2)



SSL certificate and key management

[SSL certificate and key management](#) > [Key stores and certificates](#) > **CellDefaultTrustStore**

Defines keystore types, including cryptography, RACF(R), CMS, Java(TM), and all truststore types.

General Properties

Name

Description

Management scope

Path

* Password

Type

☐ Remotely managed
Host list

☐ Read only

☐ Initialize at startup

☐ Enable cryptographic operations on hardware device

Additional Properties

- [Signer certificates](#)
- [Personal certificates](#)
- [Personal certificates](#) **Manages signer certificates in key stores.**
- [Custom properties](#)



SSL certificate and key management

[SSL certificate and key management](#) > [Key stores and certificates](#) > [CellDefaultTrustStore](#) > **Signer certificates**

Manages signer certificates in key stores.

⊞ Preferences

Add Delete Extract Retrieve from port

☒ ☐ ☐ ☐

Select	Alias	Issued to	Fingerprint (SHA Digest)	Expiration
You can administer the following resources:				
<input type="checkbox"/>	datapower	OU=Root CA, O="DataPower Technology, Inc.", C=US	A9:BA:A4:B5:BC:26:2F:5D:2A:80:93:CA:BA:F4:31:05:F2:54:14:17	Valid from Jun 11, 2003 to Jun 6, 2023.
<input type="checkbox"/>	default	CN=connections.lcs.tld, OU=connectionsCell01, OU=connectionsCellManager01, O=IBM, C=US	54:2C:C5:CD:33:9B:99:93:53:5F:9E:20:1F:0C:2F:D6:F7:C3:CE:FF	Valid from Aug 17, 2011 to Aug 16, 2012.
<input type="checkbox"/>	root	CN=connections.lcs.tld, OU=Root Certificate, OU=connectionsCell01, OU=connectionsCellManager01, O=IBM, C=US	CE:00:20:7E:E5:FF:48:B9:99:39:84:36:26:77:F3:B9:80:B7:74:7B	Valid from Aug 8, 2011 to Aug 4, 2026.
Total 3				

IBM Connections Truststore (4)



SSL certificate and key management

[SSL certificate and key management](#) > [Key stores and certificates](#) > [CellDefaultTrustStore](#) > [Signer certificates](#) > [Retrieve from port](#)

Makes a test connection to a Secure Sockets Layer (SSL) port and retrieves the signer from the server during the handshake.

General Properties

* Host

* Port

SSL configuration for outbound connection

* Alias

Retrieved signer information

Serial number

Issued to

Issued by

Fingerprint (SHA digest)

Validity period

**Messages**

- ⚠ Changes have been made to your local configuration. You can:
- [Save](#) directly to the master configuration.
 - [Review](#) changes before saving or discarding.
- An option to synchronize the configuration across multiple nodes can be disabled in [Preferences](#).
- ⚠ The server may need to be restarted for these changes to take effect.

SSL certificate and key management

[SSL certificate and key management](#) > [Key stores and certificates](#) > [CellDefaultTrustStore](#) > [Signer certificates](#) > **Synchronize changes with Nodes**

The current status of the Nodes being synchronized.

- ℹ ADMS0200I: The configuration synchronization started for cell.
- ℹ ADMS0202I: Automatic synchronization mode is disabled for node: connectionsNode01.
- ℹ ADMS0201I: The configuration synchronization started for node: connectionsNode01.
- ℹ ADMS0205I: The configuration synchronization completed successfully for node: connectionsNode01.
- ℹ ADMS0203I: The automatic synchronization mode is enabled for node: connectionsNode01.
- ℹ ADMS0208I: The configuration synchronization complete for cell.

OK



➤ HTTP neustarten



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Pre-Install Konfiguration

- ☒ Start Dmgr
- ☒ WAS Security

- ☒ DB Wizard
- ☒ Profile Population

LC Installation

- ☒ LC Installer

Post-Install Konfiguration

- ☒ IHS
- ☒ SSL für IHS
- ☒ Zertifikate importieren
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- ☐ Security und Admins
- ☐ Blogs Homepage



➤ Default:

- Websphere DMGR und Node stoppen -> nur mit Benutzer und Passwort
- wsadmin.sh nur mit Login

➤ Komfort:

- `vi /opt/ibm/WebSphere/AppServer/profiles/Dmgr01/properties/
soap.client.props`

➤ Voraussetzung: Physikalischer Zugang und Remote Zugriff eingeschränkt



```
stoeps@connections:~
File Edit View Terminal Tabs Help
stoeps@connections:~ x stoeps@connections:~ x stoeps@connections:~ x
# string (including the encoding tag {...}) with the new password and then
# encode the password with the PropFilePasswordEncoder utility. Refer to
# product documentation for additional information.
#
#####
#-----
# SOAP Client Security Enablement
# - security enabled status ( false[default], true )
#-----
com.ibm.SOAP.securityEnabled=true
#-----
# - authenticationTarget      ( BasicAuth[default], KRB5. These are the only supported selection
#                             on a pure client for JMX SOAP Connector Client. )
#-----
com.ibm.SOAP.authenticationTarget=BasicAuth

com.ibm.SOAP.loginUserId=icsadmin
com.ibm.SOAP.loginPassword=
#-----
32,35 13%
```



Passwort verschlüsseln

- `cd /opt/ibm/WebSphere/AppServer/profiles/Dmgr01/properties`
- `../bin/PropFilePasswordEncoder.sh soap.client.props com.ibm.SOAP.loginPassword`

```
#-----  
com.ibm.SOAP.securityEnabled=true  
  
#-----  
# - authenticationTarget      ( BasicAuth[default], KRB5. These are the only supported selection  
#                             on a pure client for JMX SOAP Connector Client. )  
#-----  
com.ibm.SOAP.authenticationTarget=BasicAuth  
  
com.ibm.SOAP.loginUserId=icsadmin  
com.ibm.SOAP.loginPassword={xor}N2k40yk2aG8=
```

- `analog /opt/ibm/WebSphere/AppServer/profiles/AppSrv0/properties/soap.client.props`



› LotusConnections-config.xml auschecken

```
connections:/opt/ibm/WebSphere/AppServer/profiles/Dmgr01/bin # ./wsadmin.sh -lang jython
```

```
connections:/opt/ibm/WebSphere/AppServer/profiles/Dmgr01/bin # ./wsadmin.sh -lang jython
WASX7209I: Connected to process "dmgr" on node connectionsCellManager01 using SOAP connector; The type of process is: DeploymentManager
WASX7031I: For help, enter: "print Help.help()"
wsadmin>execfile("../config/bin_lc_admin/connectionsConfig.py")
Connections Administration initialized

wsadmin>LCConfigService.checkOutConfig("/tmp/","connectionsCell01")
Connections configuration file successfully checked out
wsadmin>
```

› vi /tmp/LotusConnections-config.xml



Connections Adressen zuordnen

```
<sloc:serviceReference acf_config_file="acf-config.xml" bootstrapHost="was.lcs.tld" bootstrapPort=
ice_name_js_eval="generalrs.label_personcard_activitieslink" person_card_service_url_pattern="/service
Cname%3D{displayName}" serviceName="activities" ssl_enabled="true">
  <sloc:href>
    <sloc:hrefPathPrefix>/activities</sloc:hrefPathPrefix>
    <sloc:static href="http://was.lcs.tld:9082" ssl_href="https://was.lcs.tld:9445"/>
    <sloc:interService href="https://was.lcs.tld:9445"/>
  </sloc:href>
</sloc:serviceReference>

<sloc:serviceReference acf_config_file="acf-config-flash.xml" bootstrapHost="was.lcs.tld" bootstra
d_service_name_js_eval="generalrs.label_personcard_blogslink" person_card_service_url_pattern="/roller
<sloc:href>
  <sloc:hrefPathPrefix>/blogs</sloc:hrefPathPrefix>
  <sloc:static href="http://was.lcs.tld:9083" ssl_href="https://was.lcs.tld:9446"/>
  <sloc:interService href="https://was.lcs.tld:9446"/>
</sloc:href>
"/tmp/LotusConnections-config.xml" [noeol] 279L, 17165C
```




- `:%s!http://was.lcs.tld:908[0-9]!http://www.lcs.tld!`
- `:%s!https://was.lcs.tld:944[0-9]!https://www.lcs.tld!`
- **Wieder einchecken & Nodes synchronisieren**

```
wsadmin>LCConfigService.checkInConfig()
Using configuration arguments :
    workingDirectory: /tmp/
    cellName: connectionsCell01
    nodeName: None
    serverName: None
Loading schema file for validation: /tmp//LotusConnections-config.xsd
Loading schema file for validation: /tmp//service-location.xsd
/tmp//LotusConnections-config.xml is valid
Connections configuration file successfully checked in
wsadmin>synchAllNodes()
Nodes synchronized
wsadmin>
```



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- ☒ Fixes für Plugins
- ☒ DB2
- ☒ DB2 Lizenz
- ☒ TDI
- ☒ TDI Fixpack

Pre-Install Konfiguration

- ☒ Start Dmgr
- ☒ WAS Security

- ☒ DB Wizard
- ☒ Profile Population

LC Installation

- ☒ LC Installer

Post-Install Konfiguration

- ☒ IHS
- ☒ SSL für IHS
- ☒ Zertifikate importieren
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- ☐ Blogs Homepage







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 of the member servers fails, requests will be routed to other members of the cluster. Learn more about this task in a [guided activity](#). A guided activity provides a list of task steps and more general information about the topic.

☐ Preferences

New Delete **Start** Stop Ripplestart ImmediateStop

Select	Name	Status
You can administer the following resources:		
<input checked="" type="checkbox"/>	Cluster1	✖
<input checked="" type="checkbox"/>	Cluster2	✖
<input checked="" type="checkbox"/>	InfraCluster	✖
Total 3		



Enterprise Applications

Use this page to manage installed applications. A single application can be deployed onto multiple servers.

⊞ Preferences

Start Stop Install Uninstall Update Rollout Update Remove File Export Export DDL Export File

⊞ ⊞ ⊞ ⊞

Select	Name	Application Status
You can administer the following resources:		
<input type="checkbox"/>	Activities	➡
<input type="checkbox"/>	Blogs	➡
<input type="checkbox"/>	Communities	➡
<input type="checkbox"/>	DefaultApplication	✖
<input type="checkbox"/>	Dogear	➡
<input type="checkbox"/>	Files	➡
<input type="checkbox"/>	Forums	➡
<input type="checkbox"/>	Help	➡
<input type="checkbox"/>	Homepage	➡
<input type="checkbox"/>	Mobile	➡
<input type="checkbox"/>	Moderation	➡
<input type="checkbox"/>	News	➡
<input type="checkbox"/>	Profiles	➡
<input type="checkbox"/>	Search	➡
<input type="checkbox"/>	Wikis	➡

Total 15



Installation - Checkliste

Pre-Install

- ☒ WebSphere
- ☒ IHS und WAS Plugins
- ☒ WebSphere UpdateInstaller
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- ☒ Fixes für Plugins
- ☒ DB2
- ☒ DB2 Lizenz
- ☒ TDI
- ☒ TDI Fixpack

Pre-Install Konfiguration

- ☒ Start Dmgr
- ☒ WAS Security

- ☒ DB Wizard
- ☒ Profile Population

LC Installation

- ☒ LC Installer

Post-Install Konfiguration

- ☒ IHS
- ☒ SSL für IHS
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- ☐ Blogs Homepage



Integrated Solutions Console Welcome wasadmin

View: All tasks

Welcome

Guided Activities

Servers

Applications

Services

Resources

Security

Environment

System administration

Users and Groups

Monitoring and Tuning

Troubleshooting

Service integration

Buses

Web services

WS-Notification

UDDI

Cell=connectionsCell01, Profile=Dmgr01

Buses

[Buses](#) > [ConnectionsBus](#) > Messaging engines

A messaging engine is a component, running inside a server, that manages messaging resources for a bus. Buses are connected to a messaging engine when they access a service integration bus.

Preferences

Start

Stop



Select	Name	Description	Status
You can administer the following resources:			
<input type="checkbox"/>	Cluster1.000-ConnectionsBus		○
<input type="checkbox"/>	Cluster2.000-ConnectionsBus		○
<input type="checkbox"/>	InfraCluster.000-ConnectionsBus		○

Total 3



› Versuchen auf alle Module zuzugreifen

› <https://www.lcs.tld/>

- › activities
- › communities
- › dogear
- › files
- › forum
- › homepage
- › mobile
- › profiles
- › search
- › wikis

› Sollte der Webserver nicht antworten

› WAS Server Ports testen



Installation - Checkliste

Pre-Install

- ☒ WebSphere
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- ☒ WebSphere UpdateInstaller
- ☒ Fixes für WAS
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- ☒ Profile Population

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- ☒ IHS
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Enterprise Applications

Use this page to manage installed applications. A single application can be deployed onto multiple servers.

⊞ Preferences

Start Stop Install Uninstall Update Rollout Update Remove File Export Export DDL Export File

Select	Name	Application Status
You can administer the following resources:		
<input type="checkbox"/>	Activities	➡
<input type="checkbox"/>	Blogs	➡
<input type="checkbox"/>	Communities	➡
<input type="checkbox"/>	Default Application	✖
<input type="checkbox"/>	Dodge	➡
<input type="checkbox"/>	Files	➡
<input type="checkbox"/>	Forums	➡
<input type="checkbox"/>	Help	➡
<input type="checkbox"/>	Homepage	➡
<input type="checkbox"/>	Mobile	➡
<input type="checkbox"/>	Moderation	➡
<input type="checkbox"/>	News	➡
<input type="checkbox"/>	Profiles	➡
<input type="checkbox"/>	Search	➡
<input type="checkbox"/>	Wikis	➡

Total 15

Blogs Admin hinzufügen (2)



Enterprise Applications

Enterprise Applications > Blogs

Use this page to configure an enterprise application. Click the links to access pages for further configuring of the application or its modules.

Configuration **Runtime**

General Properties

* Name
Blogs

Application reference validation
Issue warnings

Detail Properties

- [Target specific application status](#)
- [Startup behavior](#)
- [Application binaries](#)
- [Class loading and update detection](#)
- [Request dispatcher properties](#)
- [Security role to user/group mapping](#)
- [View Deployment Descriptor](#)
- [Last participant support extension](#)

References

- [Resource references](#)
- [EJB references](#)
- [Shared library references](#)
- [Shared library relationships](#)

Modules

- [Manage Modules](#)

Web Module Properties

- [Session management](#)
- [Context Root For Web Modules](#)
- [JSP and JSF options](#)
- [Virtual hosts](#)

Enterprise Java Bean Properties

- [Default messaging provider references](#)
- [Stateful session bean failover settings](#)
- [Application profiles](#)
- [Message Driven Bean listener bindings](#)
- [EJB JNDI names](#)

Database Profiles

- [SQLJ profiles and pureQuery bind files](#)

Apply OK Reset Cancel

Für alle Module Admins konfigurieren



Enterprise Applications

Enterprise Applications > Blogs > Security role to user/group mapping

Security role to user/group mapping

Each role that is defined in the application or module must map to a user or group from the domain user registry. accessIds: The accessIds are required only when using cross realm communication in a multi domain scenario. For all other scenarios the accessId will be determined during the application start based on the user or group name. The accessIds represent the user and group information that is used for Java Platform, Enterprise Edition authorization when using the WebSphere default authorization engine. The format for the accessIds is user:realm/uniqueUserID, group:realm/uniqueGroupID. Entering wrong information in these fields will cause authorization to fail. AllAuthenticatedInTrustedRealms: This indicates that any valid user in the trusted realms be given the access. AllAuthenticated: This indicates that any valid user in the current realm be given the access.

Map Users... Map Groups... Map Special Subjects

Select	Role	Special subjects	Mapped users	Mapped groups
<input type="checkbox"/>	person	All Authenticated in Application's Realm		
<input type="checkbox"/>	everyone	Everyone		
<input type="checkbox"/>	metrics-reader	Everyone		
<input checked="" type="checkbox"/>	admin	None		
<input type="checkbox"/>	global-moderator	None	icsadmin	
<input type="checkbox"/>	search-admin	None	icsadmin	
<input type="checkbox"/>	widget-admin	None	icsadmin	
<input type="checkbox"/>	reader	Everyone		

OK Cancel



Enterprise Applications

[Enterprise Applications](#) > [Blogs](#) > [Security role to user/group mapping](#) > Map users/groups

Use this page to search for users or groups and add them to the selected roles.

- admin

Search and Select Users

Select a user realm, specify the number of results to display, enter a search string (use * for wildcard) and click Search. Select users from the Available list and add them to the Mapped to role list.

User realm
defaultWIMFileBasedRealm

Display a maximum of
20 results

Search string
admin

Search

Available:

- wasadmin
- lcsadmin
- fadmin
- ldapadmin

Selected:

OK Cancel



Enterprise Applications

[Enterprise Applications](#) > [Blogs](#) > [Security role to user/group mapping](#) > Map users/groups

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User realm
defaultWIMFileBasedRealm

Display a maximum of
20 results

Search string
admin

Search

Available:

- wasadmin

Selected:

- icsadmin
- fadmin
- ldapadmin

OK Cancel



Installation - Checkliste

Pre-Install

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- ☒ Start Dmgr
- ☒ WAS Security

- ☒ DB Wizard
- ☒ Profile Population

LC Installation

- ☒ LC Installer

Post-Install Konfiguration

- ☒ IHS
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➤ <https://connections.lcs.tld/blogs>

➤ Login mit Admin Account

Welcome to Blogs!

Follow these steps to finalize your Blogs installation:

- **Create a blog**

Before you can start blogging, you need to create at least one blog. Just so you know, you can create as many as you want. Each user can have multiple blogs and each blog can have multiple authors.

Create your first blog via the [New Blog Creation Page](#)

- **Designate a frontpage blog**

You must specify a blog to serve as the frontpage of your site. You can do this by going to the **Administration->Configuration** page. In the field labeled "Handle of the blog to serve as the frontpage" enter a one word name for your blog to be used in the URL for the blog.

Designate a frontpage blog on the [Administration Page](#)

Blogs Homepage (2)



Start a Blog

***Name:** Blogs ?

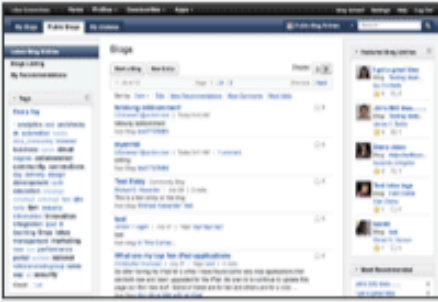
***Blog address:** https://www.lcs.tld/blogs/home ?

Tags: blogs, home, startseite, bloggen ?

Description: Startseite für Blogs Modul Connections ?

Timezone: (GMT+01:00) Amsterdam, Berlin, Bern, Rome, Stockholm, Vienna

Theme: Blogs Homepage ?



Save **Cancel**

Blogs Homepage (3)

[My Blogs](#)[Public Blogs](#)[My Updates](#)[Administration](#)

New blog [Blog1] has been successfully created.

Configuration

Change configuration settings for the entire site. Changes are made as soon as you save; no server restart.

Site Settings

Site name (for Blogs Homepage and feed):

Blog title (shown in site banner):

Site description (for Blogs Homepage and feed):

Handle of blog to serve as Blogs Homepage:

Enable active content filtering:

☒

Automatic save when editing (minutes):

Blog Rendering Settings

Max number of entries to allow per page:

Number of entries to provide in newsfeeds:

IBM Connections

[Blogs](#) | [\[Set as Primary Blog\]](#)



Installation - Checkliste

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- ☒ Blogs Homepage



To Do

edcom



➤ HTTP für Files und Wiki Download konfigurieren

- http://www-10.lotus.com/ldd/lcwiki.nsf/dx/Configuring_Files_and_Wikis_downloading_for_production_deployments_i_c301

➤ Autostart der Dienste und Applikationen testen

- NodeAgent + Application Server

➤ JVM HeapSize prüfen

➤ Cronjob für sync_all_dns

➤ Security

➤ Sametime etc.



Administration

edcom



- **viele Dinge darf nur der Ersteller / Besitzer ändern oder löschen**
- **für Admins kein GUI**
- **wsadmin.sh bzw. wsadmin.bat im dmgr_bin Verzeichnis**
 - case sensitiv!
 - Konfiguration und Einstellungen ändern
 - Administrieren (z.B. Communities)
- **Ablaufende Skripte möglich**



➤ Auf dem Desktop Textdatei anlegen mit den Befehlen für

- Start der Jython Scripte
- Check-Out der Konfigurationsdateien
- Weiteren Befehlen

➤ Die benötigten Befehle per Copy & Paste in die wsadmin Befehlszeile kopieren

```
execfile("connectionsConfig.py")
execfile("activitiesAdmin.py")
execfile("blogsAdmin.py")
execfile("dogearAdmin.py")
execfile("communitiesAdmin.py")
execfile("filesAdmin.py")
execfile("forumsAdmin.py")
execfile("homepageAdmin.py")
execfile("newsAdmin.py")
execfile("profilesAdmin.py")
execfile("searchAdmin.py")
execfile("wikisAdmin.py")

LCConfigService.checkOutConfig("D:/WebSphere/lcc", "Connections3Cell01")
LCConfigService.checkOutNotificationConfig("D:/WebSphere/lcc", "Connections3Cell01")
ActivitiesConfigService.checkOutConfig("D:/WebSphere/lcc", "Connections3Cell01")
DogearCellConfig.checkOutConfig("D:/WebSphere/lcc", "Connections3Cell01")
CommunitiesConfigService.checkOutConfig("D:/WebSphere/lcc", "Connections3Cell01")
FilesConfigService.checkOutConfig("D:/WebSphere/lcc", "Connections3Cell01")
ForumsConfigService.checkOutConfig("D:/WebSphere/lcc", "Connections3Cell01")
HomepageCellConfig.checkOutConfig("D:/WebSphere/lcc", "Connections3Cell01")
NewsCellConfig.checkOutConfig("D:/WebSphere/lcc", "Connections3Cell01")
ProfilesConfigService.checkOutConfig("D:/WebSphere/lcc", "Connections3Cell01")
SearchCellConfig.checkOutConfig("D:/WebSphere/lcc", "Connections3Cell01")
WikisConfigService.checkOutConfig("D:/WebSphere/lcc", "Connections3Cell01")
```



➤ ... durch Nodeagent

Integrated Solutions Console Welcome ofoerg

Cell=vm-connect01Cell01, Profile=Dmgr01

Application servers

Application servers > LCCluster1_server1 > MonitoringPolicy

Use this page to configure policy settings for performance monitoring of the application server.

Configuration

General Properties

- * Maximum startup attempts: 3 attempts
- Ping interval: 60 seconds
- * Ping timeout: 300 seconds
- ☒ Automatic restart
- * Node restart state: **RUNNING** (dropdown menu open showing: STOPPED, **RUNNING**, PREVIOUS)

Apply OK Reset Cancel



Anhang

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» IBM

- » System Requirements
 - » <https://www-304.ibm.com/support/docview.wss?uid=swg27021342>
- » Connections Wiki
 - » <http://www-10.lotus.com/ldd/lcwiki.nsf>
- » Connections Forum
 - » <http://www-10.lotus.com/ldd/lcforum.nsf>
- » Performance Tuning
 - » http://www-10.lotus.com/ldd/lcwiki.nsf/dx/IBM_Lotus_Connections_3.0_Performance_Tuning_Guide
- » Worksheet für die Installation
 - » http://www-10.lotus.com/ldd/lcwiki.nsf/dx/Worksheet_for_installing_IBM_Connections_ic301

» Connections Installationen (öffentlich)

- » <http://www.bleedyellow.com>
- » <http://www.ibm.com/developerworks>
- » <http://www.euluc.com>



» Blogs

- » <http://portal2portal.blogspot.com>
- » <http://www.lbenitez.com>
- » <http://macguidera.blogspot.com>
- » <http://www.idonotes.com>
- » <http://www.curiousmitch.com>
- » <http://blog.collaborationmatters.com>
- » <http://www.ibmconnectionsblog.com>



» Danke für die Fotos

- » <http://www.1a-photoshop.de>
- » <http://www.klocwork.com>



Installation - Checkliste

Pre-Install

- ☐ WebSphere
- ☐ IHS und WAS Plugins
- ☐ WebSphere UpdateInstaller
- ☐ Fixes für WAS
- ☐ Fixes für IHS
- ☐ Fixes für Plugins
- ☐ DB2
- ☐ DB2 Lizenz
- ☐ TDI
- ☐ TDI Fixpack

Pre-Install Konfiguration

- ☐ Start Dmgr
- ☐ WAS Security

- ☐ DB Wizard
- ☐ Profile Population

LC Installation

- ☐ LC Installer

Post-Install Konfiguration

- ☐ IHS
- ☐ SSL für IHS
- ☐ Zertifikate importieren
- ☐ Web Adressen zuordnen
- ☐ Connections starten
- ☐ Zugriffe testen
- ☐ Security und Admins
- ☐ Blogs Homepage



- Verkürzt den Zugriff auf die Verzeichnisse, z.B. beim Consolenzugriff
- `export appsrv=/opt/ibm/WebSphere/AppServer/profiles/AppSrv01`
- `export dmgr=/opt/ibm/WebSphere/AppServer/profiles/Dmgr01`
- `export dmgrbin=/opt/ibm/WebSphere/AppServer/profiles/Dmgr01/bin`
- `export appsrvbin=/opt/ibm/WebSphere/AppServer/profiles/AppSrv01/bin`

- Beispiel:
 - `cd $dmgrbin`



Vielen Dank für Ihre
Aufmerksamkeit!

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