Installation Procedure for z/OS

- Important Information
- Overview
- Actions Required Before Starting the Install
- Installation Steps
- Use the Runtime from the Browser UI

Important Information

The Software AG Installer (download center) has limited support for z/OS at present. However, the installation (and activation) of the z/OS software is downloaded along with all other platforms. Here are some useful points to help you understand the process overall:

- The install image must be downloaded to one of the other supported platforms (Windows or Unix for example).
- There is a special z/OS activation step that has to run in the download platform (off-host).
 - This step guides you through the FTP process to load the z/OS software into the z/OS system.

Overview

Data Archiving for Adabas is a fully portable technology. It runs in all primary Unix systems, Windows and also in z/OS. There is only one code-base rather than one code-base for open systems and another for mainframe. Data Archiving for Adabas uses the openness of z/OS by running within a USS process within z/OS.

Note:

This is not the same as running in a z/Linux partition.

IBM's z/OS has embedded Unix System Services (USS) within it. This is part of the ongoing modernization that has been happening to the operating system in recent years. This means z/OS is able to embrace modern technologies that in the past were considered only for off-host (outside the mainframe).

When running in z/OS, Data Archiving for Adabas uses normal z/OS Adabas databases, not a special "Unix like" Adabas. This is because systems running with USS can also interact with normal z/OS resources at the same time.

Actions Required Before Starting the Install

During the install you must identify the configuration file. Please refer to the section Installation Planning and Preparation for information on how to manage that part of the installation.

Before the installation you must:

- Create Data Set for ADR Load Library
- Create Site-Based Adabas Link Routine (ADALNKR)
- Establish Access to the Browser User Interface
- Some Useful Information about USS (OMVS)

Create Data Set for ADR Load Library

The ADR install requires that you construct a load library with the following specific attributes:

DCB=(BLKSIZE=23200,RECFM=U)

The default name for the dataset is *prefix.SAG.ADRvrl.LOAD* where *prefix* is the RACF (or equivalent) userid of the person doing the installation. The prefix must remain as part of the dataset name (this will be reviewed later), the rest can be changed if you wish.

Create Site-Based Adabas Link Routine (ADALNKR)

Make a site-based ADALNKR with the appropriate SVC number for your site. Make it available in the z/OS dataset mentioned above. LNKGBLS must be linked in with your ADALNKR in this library.

Make sure ADALNKR is fully maintained.

Here is some example JCL...

```
//LNKRGBLS JOB CLASS=G,MSGCLASS=X
//* ------ *
//* Assemble LNKGBLS - reentrant
                                                                             _ *
//* _____*
//GBLSWLS EXEC ASMACL,
   PARM.C='ASA,NODECK,OBJECT,XREF(SHORT),TERM',
11
// PARM.L='XREF,LIST(ALL),LET,MAP,NCAL'
//C.SYSLIB DD DISP=SHR,DSN=SAG.ADA822.SRCE
// DD DSN=SYS1.MACHIE, ____
// DD DSN=SYS1.MODGEN, DISP=SHR
//C.SYSPRINT DD SYSOUT=*
//C.SYSTERM DD SYSOUT=*
//C.SYSIN DD *
*
         Global definitions for the Adabas link routine
*
         for Batch/TSO.
         Modify this sample for your site.
         Then assemble and link it and include the
         resulting module with ADALNK8 to create the ADALNKR
*
         for use with ADR in z/OS.
         LGBLSET LOGID=1, DEFAULT ADABAS DBID

SVCNO=252, DEFAULT ADABAS SVC NUMBER

OPSYS=ZOS, Operating system

COR=NO, Activate System Coordinator

TPMON=BAT, Batch/TSO

RENT=YES, Non-reentrant for Batch/TSO

GEN=CSECT, Generate CSECT for load module

DEFAULT GLOBALS MODULE NAME
                                                                                Х
                                                                                Х
                                                                                Х
                                                                                Х
                                                                                Х
                                                                                Х
                                                                                Х
                 GBLNAME=LNKGBLS, DEFAULT GLOBALS MODULE NAME
                                                                                х
```

```
USERX1=NO, Link user exit 1 YES/NO
LX1NAME=UEXITB, User exit 1 module name
                                                              Х
                                                              х
            USERX2=NO, Link user exit 2 YES/NO
                                                              х
            LX2NAME=UEXITA, User exit 2 module name
                                                              Х
            UES=YES
                            Enable UES
*
       END
//L.SYSPRINT DD SYSOUT=*
//L.SYSLMOD DD DISP=SHR,DSN=SAG.ADR111.LOAD
//L.SYSIN DD *
MODE AMODE(31), RMODE(ANY)
                         Default entry name
ENTRY LNKGBLS
                         DEFAULT TABLE NAME
NAME LNKGBLS(R)
//*
//* ------ *
//* LINK ADALNKR with LNKGBLS
//* _____
//LINKA8Y EXEC PGM=IEWL,
// PARM='LET,LIST(ALL),MAP,XREF,REUS=RENT',REGION=4M
//SYSPRINT DD SYSOUT=*
//SYSUT1
           DD DSN=&&SYSUT1, SPACE=(1024,(120,120),,,ROUND),UNIT=VIO
//ADALIB
           DD DISP=SHR, DSN=SAG. ADA822.LOAD
//SYSLMOD DD DISP=SHR,DSN=SAG.ADR111.LOAD
//SYSLIN DD *
 MODE AMODE(31), RMODE(ANY)
                                 /* V8 LINK ROUTINE */
 INCLUDE ADALIB(ADALNKR8)
 INCLUDE SYSLMOD(LNKGBLS)
 INCLUDE ADALIB(LNKUES)
 INCLUDE ADALIB(ASC2EBC)
 INCLUDE ADALIB(EBC2ASC)
 ENTRY ADABAS
 NAME ADALNKR(R)
/*
11
```

Establish Access to the Browser User Interface

Data Archiving for Adabas uses the UI provided by System Management Hub. The UI *cannot* be installed in z/OS. It must therefore be installed in another platform and be available for use before the ADR runtime installation can be started.

The user interface to Data Archiving for Adabas is the same for all operating systems. You use the UI to operate, configure and monitor your archiving environment throughout your network. The most common approach is to install and use the UI on a Windows platform.

Some Useful Information about USS (OMVS)

Activating OMVS (USS: Unix System Services) in z/OS

OMVS is usually available within z/OS by default because many other software components from other vendors (including IBM) use it. If it is not available, you can use the following information to make it available:

• When z/OS is first installed and configured a RACF (or equivalent) basic user called IBMUSER is defined. The IBMUSER is automatically defined with an OMVS segment. It is an OMVS segment that enables a user to use OMVS (USS).

- Therefore, your RACF or equivalent systems such as ACF2, TOP SECRET etc. (please consult the appropriate documentation of these other systems for similar information) administrator needs to add an OMVS segment to all users who are to use OMVS, including the person who will be doing the ADR install.
- An OMVS segment contains the following:
 - O UID.

A numeric UID like in any other Unix system. This UID represents one sharable Unix that one or more userids may be able to use. There may be many more OMVS systems (UID) defined for your system.

• Home directory.

Something like /u/nat/xyz

• A shell program.

This is essentially Unix (the korn shell), often called "ksh" in the Unix community. An example of this may be: /bin/sh

• Maximum size.

This is akin to address-space size. It may be allowed to default. It is not unusual for a Unix OMVS to be 128-512 meg.

• In RACF the command to add such a segment would be...

ALU <userid> OMVS (UID(1234) HOME ('/u/nat/xyz') PROGRAM ('/bin/sh')

This command needs to be entered using a tool that supports mixed case (such as TSO ISPF/PDF/Option 6).

• Next, a Unix group should be assigned to the <userid>. Again, this is a numeric and is referred to as "GID". A normal RACF "connect" command can be used to do this.

A GID can be assigned to a RACF group with...

ALG <group> OMVS(GID(nn))

• The home directory needs to be created in the filesystem (HFS, ZFS etc).

Getting into OMVS via TSO

Once the permissions, home directory etc. are acquired, there are two typical ways to get into OMVS. One is through TSO. Get into TSO and issue the OMVS command and press Enter.



Getting into OMVS via Telnet

You can get to OMVS like any other Unix system from outside z/OS using telnet. Enter the following at your workstation:

telnet <computer> <port>

This will enable access into the OMVS Unix at the same point as entering "OMVS" in TSO.

Entering Unix Commands

Once in OMVS, you will be able to use all the usual Unix directives:

Directive	Description
cd	Change directory
mkdir	Make directory
chmod	Set protection
chown	Set owner
chgrp	Change group
ls -la	Display directory contents

Installation Steps

This section describes the steps required to install Data Archiving for Adabas for z/OS.

Important:

Please read the Installation Preparation Checklist (below) before starting with the installation.

- Installation Preparation Checklist
- Step 1: Use Software AG Installer to Acquire the Software
- Step 2a: Perform the Off-host Activation (FTP) in Windows or Unix

Installation Preparation Checklist

There are a number of things that need to be done prior to installing. These have been covered in the preceding sections and are summarized here as a checklist to help you ensure the installation is successful:

Installation Preparation Checklist

Step	Description	Notes
1	 Check the system name and hostname of the z/OS machine where the software is being installed: the system name and hostname must be the same the hostname must resolve to the correct IP address 	Use the uname command to acquire the system name: da3f:saguser> uname -a OS/390 DA3F 20.00 03 2098 Use the onslookup command with the system name to acquire the hostname and IP address: da3f:saguser> onslookup DA3F Defaulting to nslookup version 4 Starting nslookup version 4 Server: daedns.ad.sag Address: 10.20.xxx.xxx
		Address: 10.20.xxx.xxx
2	Check the amount of free disk space available in the directory in the USS filesystem where the software is being installed.	Use the df command to see the amount of free space available: da3f:saguser> df -k /opt/softwareag
	Minimum disk space: 300 MB	
3	Check the amount of memory (region size) available to a process running in the USS environment. Note: If you use USS via TSO (OMVS) then the size of your TSO session governs the size of the USS session. Minimum memory: 64 MB	Minimum memory: 64 MB
4	User ID and password for the USS account that will be used to install and run the software. Make sure that the account has read/write and execute permissions to the installation directory in the USS filesystem (from Step 2 above).	User ID: <i>saguser</i> Password: ****** Permissions:
5	Check that the USS account (from Step 4 above) has the correct z/OS security permissions for the dataset where the ADALNKR/LNKGBLS were prepared earlier.	Dataset: SAG.ADRvrl.LOAD Permissions:

Step	Description	Notes
6	Adabas database and file number for the Configuration File.	Database: 10 File number: 120
	This can be a file that will be created or replaced as part of the installation, or it can be an existing file shared by another computer already running Data Archiving for Adabas.	Choose one of: • create • replace
	If the file is being shared by another computer, the hostname of the computer and its Group Services port number will be required (default 53376).	 Share When choosing share you will be prompted for: Hostname: sunpcc10.hq.sag Portnumber: 53376
7	Download location. This is the non-z/OS computer where you either download directly or placed the software distribution image.	Example: C:\SoftwareAG\Temp
	Note: Installations are much faster if you use a local disk on the download computer.	

Step	Description	Notes
8	Details for the FTP upload of the z/OS software because the software must be uploaded to z/OS. The following information is needed:	Hostname: <i>da3f.hq.sag</i> User ID: saguser Password: ******* Directory: /u/saguser/tmp The df command shows the amount of free space available:
	• Hostname of z/OS (from 1 above)	da3f:saguser> df -k /u/saguser/tmp
	• User ID (from 4 above)	
	• Password (from 4 above)	
	 Temporary target upload directory 	
	Software AG recommends the target directory for the upload is different to the location where the software will finally be installed, since the FTP is only a temporary step. Typically, this is a temporary directory in the user's home directory.	
	Check the amount of free disk space available in the target directory.	
	Minimum upload disk space: 30MB	

Step 1: Use Software AG Installer to Acquire the Software

On the Software AG Installer Welcome Screen, click Next to start the installation.

🕷 Software AG Installer 8		
∮ software [™]	Software AG Installer 8 Copyright © 2009 Software AG, Darmstadt, Germany and/or Software AG USA, Inc., Reston, VA, United States of America, and/or their suppliers. All rights reserved.	
Before installing products, see http://documentation.softwaread You might need to shut down s Installation Guide. Then click A	readmes, release notes, and the Software AG Installation Guide at a.com come running products before installing. For details, see the Softwar dvanced Options or Next.	re AG
Advanced Options let you create logging level for the installer. Advanced Options	e and run installation scripts and images, use a proxy server, and choo	ose a
Contact the Software AG Logisti WARNING: This program is pro distribution of this program or a will be prosecuted to the maxim	ics Service Center for product releases not available on the installer. Ditected by copyright law and international treaties. Unauthorized reprod ny portion of this program might result in severe civil and criminal pen num extent possible under law.	duction or alties and
	Next >	Cancel

Identify yourself to the Installer by logging in with your credentials as shown below. Click Next to proceed to the next step:

🕷 Software AG Installer 8		
∮ software [™]	Software AG Installer 8 Copyright © 2009 Software AG, Darmstadt, Germany and/or Software AG USA, Inc., Reston, VA, United States of America, and/or their suppliers. All rights reserved.	
The user name and password User name: Password:	are case sensitive.	
	< Back Next >	Cancel

The Installer acquires information about a) all the products for which you are licensed and b) are able to be installed using the Installer. You can see this happening (below). It may take a few minutes:



Once the Installer has acquired all licensing information for your site, it shows the default install location. You can alter this if you wish but make sure you understand the implications of changing it for all the products being installed. Click Next to proceed further:

🕷 Software AG Installe	7 8	
∮ software^	Software AG Installer 8 Copyright © 2009 Software AG, Darmstadt, Germany and/or Software AG USA, Inc., Reston, VA, United States of America, and/or their suppliers. All rights reserved.	
Specify the root directory directory. If you have a pri unique Start Menu group	for this installation. The installer will install all products in subdirectories o evious installation and do not want to overwrite shortcuts from that installa name.	of the root ition, enter a
Installation directory:	C:\SoftwareAG	Browse
Start Menu group name:	Software AG	
	< Back Next >	Cancel

You can now choose the products that you wish to install:

🕷 Software AG Installer 8		
Software AG Ins Copyright © 2009 Software and/or Software AG USA, I and/or their suppliers. All	staller 8 AG, Darmstadt, Germany nc., Reston, VA, United States of A rights reserved.	umerīca,
Select products to install.		
G → T Adabas Ġ → T Data Archiving for Adabas	Expand All	Collapse All
Runtime 1.1 → □ User Interface 1.1	Select All	Clear All
Base Component 1.1	Undo	Redo
Adabas System Coordinator Runtime 8.2 Base Component 8.2 Java Development Kit 1.6 System Management Hub 8.1 SP2 Language Packs	Selected Version: Installed Version: Product Size: Total Size: Free Space:	37 MB 240 MB 836 MB
	< Back	Next > Cancel

You can see below which products have been selected. In making these choices, other implied choices of sibling and prerequisite products are also made automatically. Once your selections are made, click Next to proceed:

🕷 Software AG Installer 8			
∮ software∗	Software AG Install Copyright © 2009 Software AG, D and/or Software AG USA, Inc., Re and/or their suppliers. All rights	er 8 armstadt, Germany eston, VA, United States of A reserved.	merīca,
Select products to install.			
E 🔽 Adabas		Expand All	Collapse All
Gata Archiving for Ada - ☐ Runtime 1.1 - ☐ User Interface 1.1	Jas	Select All	Clear All
-	.1	Undo	Redo
Adabas System Coord Runtime 8.2 User Interface 8.2 Base Component V z/OS Runtime 8.2 Java Development Kit Tomcat Kit 8.0 SP3 System Management I Language Packs	inator 3.2 1.6 Hub 8.1 SP2	Selected Version: Installed Version: Product Size: Total Size: Free Space:	1 MB 260 MB 362 MB
		< Back	Next > Cancel

Read the terms and conditions. When you have finished confirm you have done so by checking the box. Click Next to continue:

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A product you have selected has deselect the product whose terr	s a license agreement. You must either consent to these terms or click Back and ns you do not consent to.	
You must consent to this licens LEGAL NOTICES (ALLv201001)	e to continue the install.	
This notice is valid for all produ software, documentation, user i "Product").	rts, product lines and associated products of Software AG comprising manuals and other related materials in tangible or electronic form (the	
IMPORTANT: PLEASE READ BE	FORE INSTALLING THE PRODUCT	
You are not allowed to install or	use the Product without a corresponding license agreement.	
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If you have not entered into a Commercial License Agreement you must execute the license agreement with Software AG which is provided for you in "Part C: Software AG Evaluation License Agreement for Trial Versions of Software AG Products" ONLY.		
View third-party license agreem	ents in Internet browser terms of the license agreements shown above	
	< Back Next > Cancel	

A list of the products selected for install is provided. Click Next to perform the installation:



The installation may take some time.

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\$ software [™]	Software AG Installer 8 Copyright © 2009 Software AG, Darmstadt, Germany and/or Software AG USA, Inc., Reston, VA, United States of America, and/or their suppliers. All rights reserved.	
Please wait while installer dowr	nloads and installs the selected products.	
410660 KB of 410660 KB remain	ning (0% complete)	
		Cancel

Once the installation of all the products is completed you will see the following confirmation screen:



Step 2a: Perform the Off-host Activation (FTP) in Windows or Unix

z/OS activation can be performed from either Unix or Windows, this example is from Windows. First click the activation in the Start menu:



Activation Platform and Products

The first screen in the activation requires that you select the platform that you are activating and the products too. The following show z/OS:

S Adabas System Coordinator - Activation	
Products	
Platforms:	
O Windows 32-Bit	
◎ z/OS	
Products	
Available products for z/OS	
V ADK 1.1.1.3	
OK	

Activation: Adabas System Coordinator

- 1. Ports: System Coordinator uses ports for communication between components. Normally Group Services Port, Dynamic port range (start) and Dynamic port range (end) are left with the default settings shown below. If you decide to change these ports you must keep a careful note of the port numbers chosen for this computer for use later.
- 2. Configuration file location: it is very important that the configuration file (and Adabas file) is shared by all computers that are to collaborate. You must identify where the configuration file already resides in another computer; or if this is the first installation you must be sure that this is the computer where the configuration file is to be created by the activation. If the configuration file does already exist in another computer you must identify it with hostname and group services port used in that computer (if group services port was not allowed to default). Finally, the database and file for the file is needed too of course.

- 3. Dataset for ADALNKR: you must identify the z/OS dataset where you prepared the ADALNKR earlier, as previously described.
- 4. JCL for dynamic activation submission: you must edit the model JCL so that it is valid for your site, but do not modify the <COMMAND_PLACEHOLDER> because this is dynamically replaced at runtime.

Products COR 8.2.1.3 ADR 1.1.1.3 FTP Parameters Activate COR Group Services Port: 53376 Dynamic Port Range (start); 53377 Dynamic Port Range (end): 53399 Configuration File Location Computer Hostname: mcukayho1.eur.ad.sag Group Services Port: 53376 Adabas database: 1 file: 500 Dataset where prepared ADALINKR (etc) resides: RDU.AYH.ADR JCL Review/adjust the JCL template used to automatically submit the activation: NOTE: Do not edit the <command_placeholder> as this is used to run the installation scripts. //COR JOB CLASS=K, MSGCLASS=X //COR EXEC FOM=BEXBATCH, REGION=0M, // PARM='pgm <command_placeholder>' //STDOUT DD PATH='/tmp/cor.output', // PATHOPTS=(OCREAT, OTRUNC, OWRONLY), // PATHMODE= (SIRWXU, SIRWXG, SIRWXO) //STDERR DD PATH='/tmp/cor.output', /// DATHUADTS=.LOCDERT_ATOTIONC_OMPONITY Restore Default JCL Restore Default JCL</command_placeholder></command_placeholder>	🧿 Adabas System (Coordinator - Activation	
COR Group Services Port: 53376 Dynamic Port Range (start): 53377 Dynamic Port Range (end): 53399 Configuration File Location Computer Hostname: mcukayh01.eur.ad.sag Group Services Port: 53376 Adabas database: 1 file: 500 Dataset where prepared ADALNKR (etc) resides: RDU.AYH.ADR JCL Review/adjust the JCL template used to automatically submit the activation: NOTE: Do not edit the <command_placeholder> as this is used to run the installation scripts. //COR JOB CLASS=K, MSGCLASS=X //COR EXEC PGM=BPXBATCH, REGION=0M, // PARM='pgm <command_placeholder>' //STDOUT DD PATH='/tmp/cor.output', // PATHOPTS=(OCREAT, OTRUNC, OWRONLY), // PATHOPTS=(OCREAT, OTRUNC, OWRONLY), // PATHODE= (SIRWXU, SIRWXG, SIRWXO) //SIDERR DD PATH='/tmp/cor.output', // Restore Default JCL</command_placeholder></command_placeholder>	Products COR 8.2.	ADR 1.1.1.3 FTP Parameters Activate	
NOTE: Do not edit the <command_placeholder> as this is used to run the installation scripts. //COR JOB CLASS=K,MSGCLASS=X //COR EXEC PGM=BPXBATCH,REGION=OM, // PARM='pgm <command_placeholder>' //STDOUT DD PATH='/tmp/cor.output', // PATHOPTS=(OCREAT,OTRUNC,OWRONLY), // PATHMODE=(SIRWXU,SIRWXG,SIRWXO) //STDERR DD PATH='/tmp/cor.output', // DATHOPTS=/OCREAT_OTDUNC_OWRONLY) Restore Default JCL</command_placeholder></command_placeholder>	COR Group Services Port Dynamic Port Range Dynamic Port Range Configuration File Computer Hostnam Group Services Por Adabas database: Dataset where prep RDU.AYH.ADR JCL	53376 (start): 53377 (end): 53399 Location le: mcukayh01.eur.ad.sag t: 53376 1 file: 500 ared ADALNKR (etc) resides:	
Restore Default JCL	NOTE: Do not edit //COR JOB C //COR EXEC // PARM='pg //STDOUT DE // PATHOPTS // PATHMODE //STDERR DE	<pre>the <command_placeholder> as this is used to run the installation scripts. LASS=K,MSGCLASS=X PGM=BPXBATCH,REGION=OM, m <command_placeholder>' PATH='/tmp/cor.output', =(OCREAT,OTRUNC,OWRONLY), =(SIRWXU,SIRWXG,SIRWXO) PATH='/tmp/cor.output',</command_placeholder></command_placeholder></pre>	*
	1// DATHODIS	Restore Default JCL	

Activation: Data Archiving for Adabas

Dynamic submission JCL must be adjusted to run correctly at your site, but do not modify the <COMMAND_PLACEHOLDER> because this is dynamically replaced at runtime:

oducts	COR 8.2.1.3 ADR 1.1.1.3 FTP Parameter	rs Activate	
ADR			
Licensi	ng		
@ Ho	ense Elle adr11.xml	Browse	
(e) DC			
OIW	ant to use as Community Edition		
JCL			
Review	/adjust the JCL template used to automatical	ly submit the activation:	
NOTE:	Do not edit the <command_placeholder:< td=""><td>> as this is used to run the installation scripts.</td><td></td></command_placeholder:<>	> as this is used to run the installation scripts.	
//AD	K JUB CLASS=K, MSGCLASS=X	OM	
//AD	APM='nom <command placehold<="" td=""/> <td>VED.</td> <td></td>	VED.	
//ST	DOUT DD PATH='/tmp/adr.outr	nit'.	
// P	ATHOPTS= (OCREAT. OTRUNC. OWR	NLY).	
// P	ATHMODE=(SIRWXU, SIRWXG, SIRW	IXO)	
//ST	DERR DD PATH='/tmp/adr.outp	out',	
LLD	ATHORTS- (OCREAT OTRUNC ONDO		*
	R	estore Default JCL	

Activation: FTP Preparation

The activation involves an FTP into the z/OS system and then dynamically submitting the activation. To do this your z/OS FTP information is required.

- 1. Hostname: the name of the z/OS system where the activation is to take place.
- 2. Port: the z/OS FTP port, usually 21.
- 3. User: your z/OS userid for RACF, ACFR2 or Top Secret etc.
- 4. Password: your z/OS password.

5. FTP target directory: the area where you wish to initially load the copied install files into z/OS.

Note:

This is an intermediate destination, not the final installation location.

- 6. JCL temporary dataset: a temporary z/OS dataset is required to dynamically construct the activation JCL. This must be a file that your z/OS userid has modify permissions.
- 7. Installation directory: the final location where the software will be located and run.

There is a *test* button to do some basic checking of the information you supply below but this cannot check everything. Only when you finally execute the activation will you find out if it is successful or not.

CHILL IN LA HAR IN THE	ADR 1.1.1.3 FT	TP Parameter	S Activate			
	ADIC LI LI LI D		Activate			
FIP Setungs	1.001			10		
Port:	dast.nq.sag					
lser:	21					
Password:	ukayn					
TP Target Directory:	DA2E hulesendel					
CL Temporary Dataset:		икі је јика уп ја пир	aar-anp		-	
nstallation Directory:	/DA3E/u/saguk/	ukrie/ukavb/s	sanl		-	
	Tect FT	D Sattings				
	lestin	accuriga				

Activation: Execution

Once all options have been selected the next thing to do is to select the activate tab so the activation log screen appears. Start the activation by clicking the Activate button below.

🗐 Adaba	s System Coo	rdinator - Act	ivation				X
Products	COR 8.2.1.3	ADR 1.1.1.3	FTP Parameters	Activate			
Progres	s Information						
			r		٦.		
			L	Activate]		

The activation log screen shows progress during execution which may contain important information if a problem occurs (such as permissions failure). Here is a successful activation execution completion:

oducts COR 8.2.1.3 ADR 1.1.1.3 FTP Parameters	Activate
Progress Information	
IEF376I JOB/COR /STOP 20110 !! END OF JES SPOOL FILE !! Starting Adabas System Coordinator /DA3F/u/saguk/ukrje/ukayh/sag/cor/ PID Done. !! END OF JES SPOOL FILE !! 1READY OCOPY INDD(COROUT) OUTDD(JESOUT) READY END !! END OF JES SPOOL FILE !! Opening FTP connection to:da3f.hq. FTP connection successful.	21.1037 CPU OMIN 00.14SEC SRB OM Launch Control v821/bin/corlc: /DA3F/u/saguk/ukrje/uk TEXT
Running JCL commands	
Activation complete.	
* [III]	•
	Activate

Use the Runtime from the Browser UI

After installing the ADR runtime for the first time you must activate the ADR runtime within the UI browser. The browser (and prerequisite System Management Hub) must have been previously installed.

b to use the Runtime from the Browser UI:

1. Log on to SMH on a computer where the UI has been installed and expand the tree node for the UI computer.

System Management - System Management Hub	Windo	ws Internet Explorer	provided	by	Software AG UK			
🚱 🗢 🔊 http://rjelinux.eur.ad.sag:49981/Pluggable	ut/servlet	/StartCISPage7PAGE 🖌	8 4	4	8 Google		1	P -
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2. Select the main **Data Archiving for Adabas** node. If the UI computer does not also have the runtime installed there, the first time you enter it you will be asked to identify the location of the configuration file that has just been created in z/OS (or elsewhere if it was created during the install of the runtime in a different computer altogether)...then click Add.



- 3. Right-click on the main **Data Archiving for Adabas** node in the tree and select Refresh so that the selected perspective comes into force.
- 4. Within the tree select the **Services by ...** node. You should see the archive service for the runtime in the computer you have just installed. This should show a green traffic light which indicates that the service is active.



The installation is now complete. You can begin using Data Archiving for Adabas. See the section Getting Started for further information.