

Quick Start Guide

This guide is intended to get you started with installing WebSphere eXtreme Scale licensed program and running a simple application.

National Language Version: To obtain the Quick Start Guide in other languages, you can print the PDF from the product DVD. The files are in the `dvd_root/quickstart` directory.

Product Overview

IBM® WebSphere® eXtreme Scale is an elastic, scalable in-memory data grid that provides a key-addressable store of values or graphs. You can replicate the data stored in the data grid depending on availability requirements, and you can achieve database integration.

You can integrate WebSphere eXtreme Scale with existing WebSphere Application Server and WebSphere Application Server Network Deployment installations. You can also install the product in a stand-alone environment, supporting both Java™ Platform, Standard Edition and Java Platform, Enterprise Edition application environments.

1 Step 1: Access your software



If you download your product from Passport Advantage®, follow the directions in the download document: <http://www-01.ibm.com/support/docview.wss?uid=swg24034951>

The media pack for this product offering includes:

- IBM WebSphere eXtreme Scale Version 8.6.0.2 for 32 bit or 64 bit

2 Step 2: Evaluate your hardware and system configuration



See the detailed system requirements document: <http://publib.boulder.ibm.com/infocenter/prodguid/v1r0/clarify-reports/report/html/softwareReqsForProductByComponent?deliverableId=1315276626905&duComponent=Server>

3 Step 3: Access your documentation

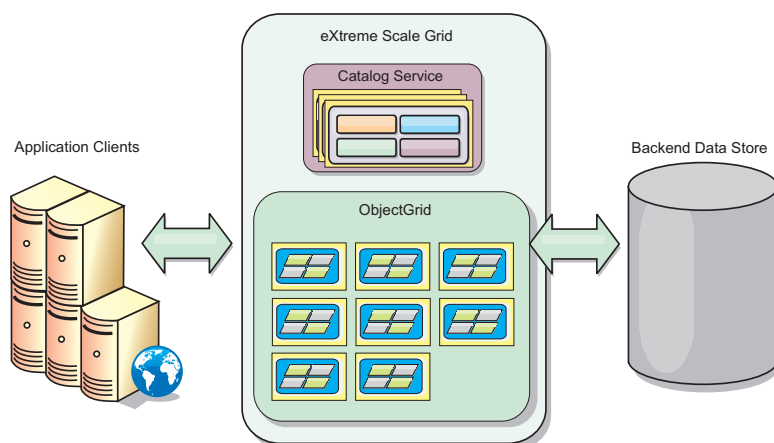


For complete documentation, including installation instructions, see the WebSphere eXtreme Scale product documentation: <http://www.ibm.com/software/webservers/appserv/extremescale/library/>

4 Step 4: Review the eXtreme Scale architecture



The following diagram illustrates a distributed, coherent cache environment of WebSphere eXtreme Scale. Additional topology diagrams are available in the Information Center.



5 Step 5: Install the product



You can install and deploy WebSphere eXtreme Scale Version 8.6.0.2 in Java Platform, Enterprise Edition, or Java Platform, Standard Edition environments. You can also install and deploy WebSphere eXtreme Scale Version 8.6.0.2 in a .NET environment.

To install in a Java environment:

- Download and install IBM Installation Manager: You can install Installation Manager using files available on the product media, using a file obtained from the Passport Advantage site, or using a file from http://www-947.ibm.com/support/entry/portal/Recommended_fix/Software/Rational/IBM_Installation_Manager
- Download and install the appropriate product repositories into the Installation Manager, see http://pic.dhe.ibm.com/infocenter/wxsinfo/v8r6/topic/com.ibm.websphere.extremescale.doc/txs_obtain_IM.html

Product offerings in a stand-alone environment include IBM Runtime Environment for Java Technology Edition Version 7.0 Service Release 2. The runtime environment is located in *install_root/java* directory. For more information, see the information about installing WebSphere eXtreme Scale in the Information Center: <http://pic.dhe.ibm.com/infocenter/wxsinfo/v8r6/index.jsp>

To install in a .NET environment:

- Review the system requirements, see <http://pic.dhe.ibm.com/infocenter/wxsinfo/v8r6/topic/com.ibm.websphere.extremescale.doc/cxsadmhreq.html>
- Install WebSphere eXtreme Scale Version 8.6.0.2, see http://pic.dhe.ibm.com/infocenter/wxsinfo/v8r6/topic/com.ibm.websphere.extremescale.doc/txs_installing_net_xs.html

6 Step 6: Validate the installation by running the sample data grid application



You can validate a stand-alone installation of WebSphere eXtreme Scale Version 8.6.0.2 in a Java Platform environment with the following steps:

1. From the command line, open the getting started directory: `cd install_root/ObjectGrid/gettingstarted`
2. Run the `startcat.sh|bat` script to start a catalog service process.
3. Run the `startcontainer.sh|bat server0` script to start a container server process.
4. Run the client in interactive mode. `runclient.sh|bat`
5. Begin a one-phase commit transaction, run `begin`
6. Insert data into the grid. Enter a command: `i key1 value1`
7. Retrieve the value you just inserted. `> g key1`
8. Update the key1 value. `> u key1 goodbyeWorld`
9. Commit the value. `> commit`
10. Delete the key1 value. `> d key1`

```
SUCCESS: Deleted value with key TestKey [key=key1], partitionId=6
```

You can validate a stand-alone installation of WebSphere eXtreme Scale Version 8.6.0.2 in a .NET environment with the following steps:

1. From the command line, open the getting started directory and run the SimpleClient.exe: `cd net_client_home\gettingstarted\bin\SimpleClient.exe file.`
2. Begin a one-phase commit transaction, run `> begin`
3. Insert data into the data grid. `> a key1 value1`
4. Retrieve the value you just inserted. `> g key1` In this example, `value1` is returned.
5. Update the key1 value. `> p key1 value2`
6. Delete the key1 value. `> d key1`
7. Commit the value. `> commit`

More Information



See the WebSphere eXtreme Scale installation documentation and the readme file on the product DVD. The readme file is in the *dvd_root* directory. The installation documentation is in the *dvd_root/docs* directory.

