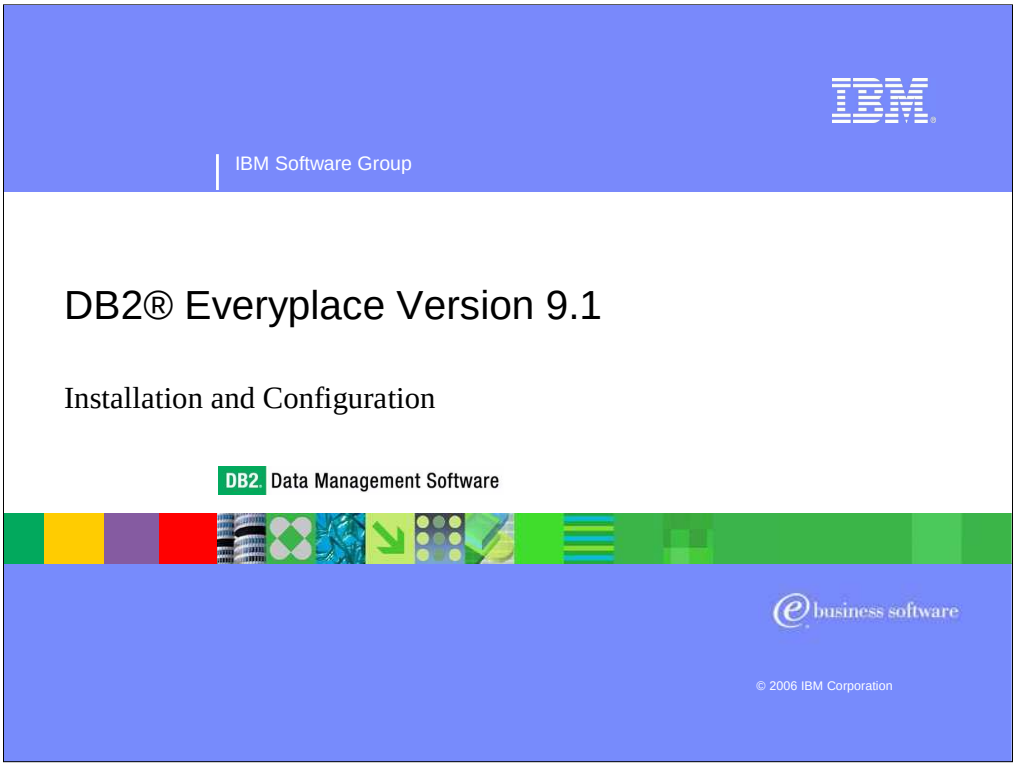


This presentation covers the installation and configuration of DB2 Everyplace Version 9.1.

Overview

The DB2 Everyplace installation is a two-step process

- DB2 Everyplace Installation
- DB2 Everyplace Configuration

The DB2 Everyplace installation process is guided by an Installation wizard that copies the program files to the system and updates the system registry.

The configuration process is guided by a Configuration wizard that performs post-installation configuration tasks, such as creating the DB2 Everyplace Sync Server control database(s), updating the properties files, installing and configuring the embedded Application Server.

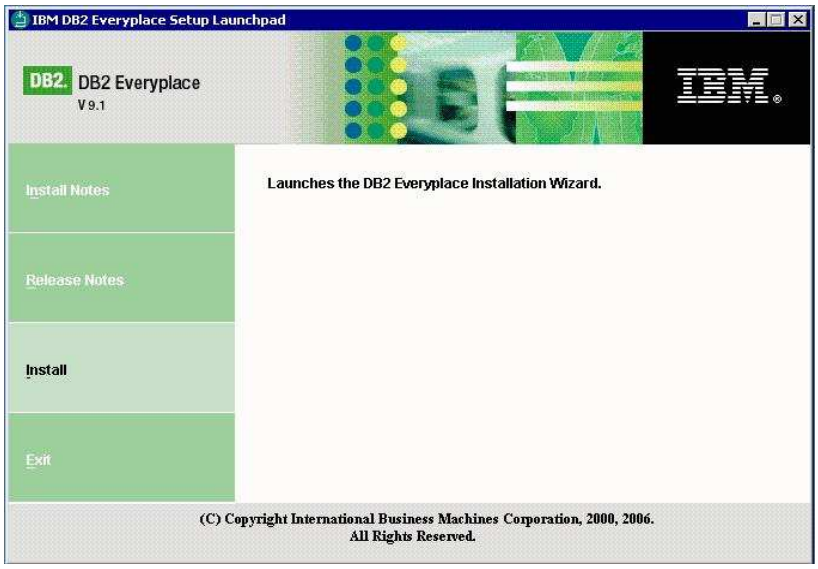
DB2 Everyplace Launch Pad

The starting point for DB2 Everyplace is the Launch Pad.

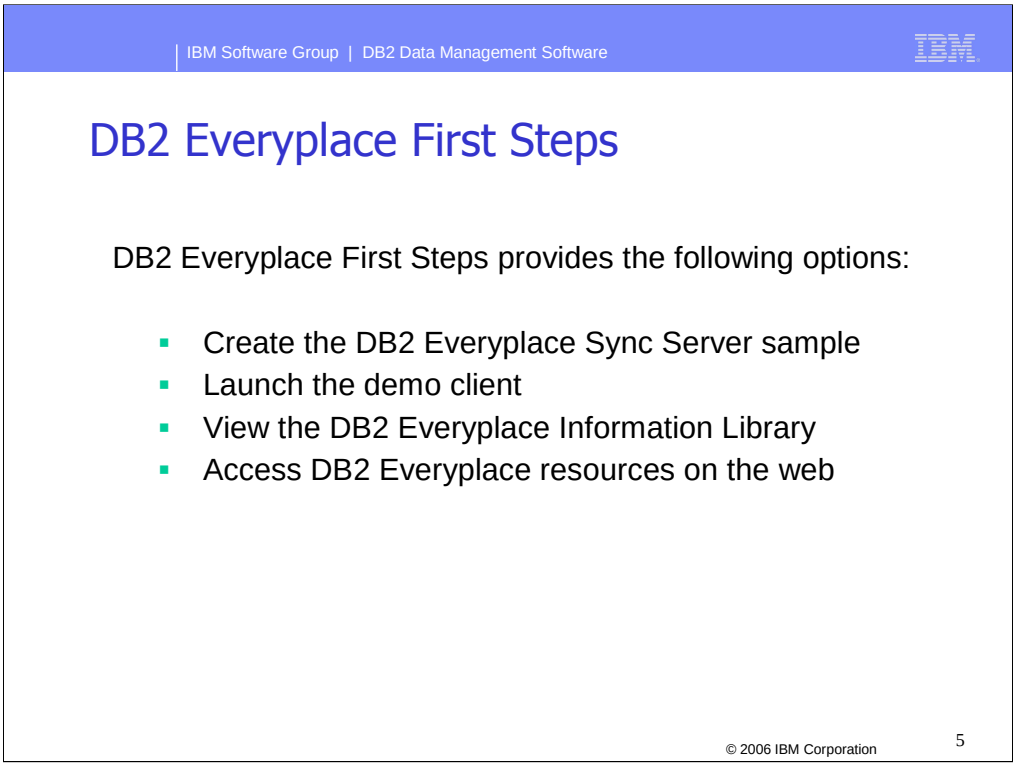
- The Launch Pad provides access to:
  - The Installation Notes on the web
  - The Release Notes on the web
  - The DB2 Everyplace Installation Wizard

The DB2 Everyplace Launch Pad is the starting point for installing the product. The Launch Pad brings together the necessary resources to help kick-start the installation. The Launch Pad provides access to the installation notes and release notes on the web and starts the DB2 Everyplace Installation Wizard.

Launch Pad



Shown here is a screen capture of the DB2 Everyplace Launch Pad. The options are available for selection on the left.



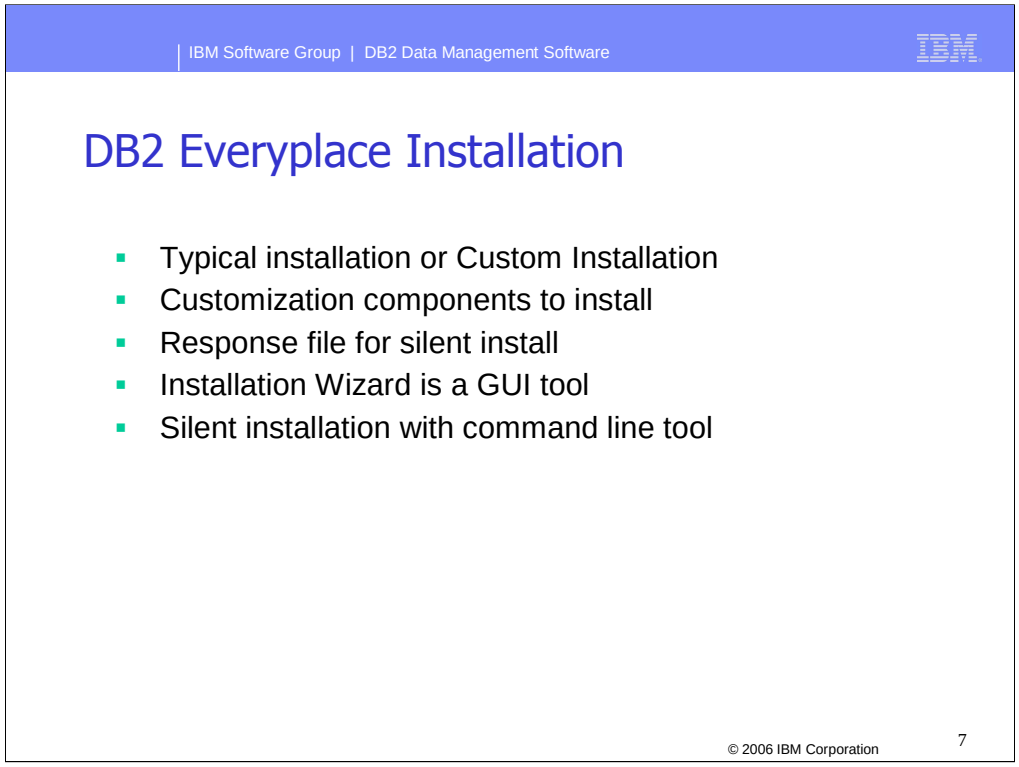
The DB2 Everyplace First Steps brings together the resources you need to fully utilize the features of DB2 Everyplace.

First Steps provides options to:

1. Create the DB2 Everyplace Sync Server sample databases and sample application
2. Launch the demo client to perform a test sync with the DB2 Everyplace Sync Server (only provided on Windows and Linux x86).
3. View the DB2 Everyplace Information Library on the web.
4. Access DB2 Everyplace resources on the web.

First Steps

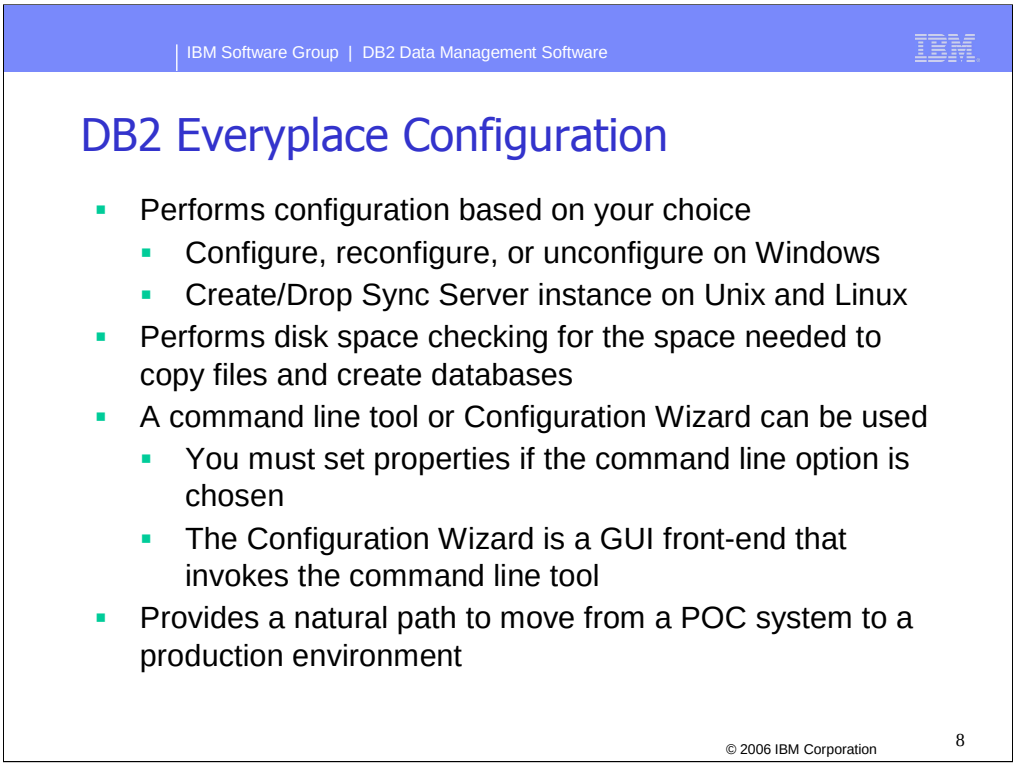
Shown here is an example of the DB2 Everyplace First Steps screen, with the options available on the left.



Installing DB2 Everyplace is a two-step process consisting of installation and configuration.

You can choose a typical installation of default components or a custom installation, where you select which components to install from the list of all available components.

You can also perform a silent install and choose between a command line tool or a GUI-based wizard to help you complete the installation process.

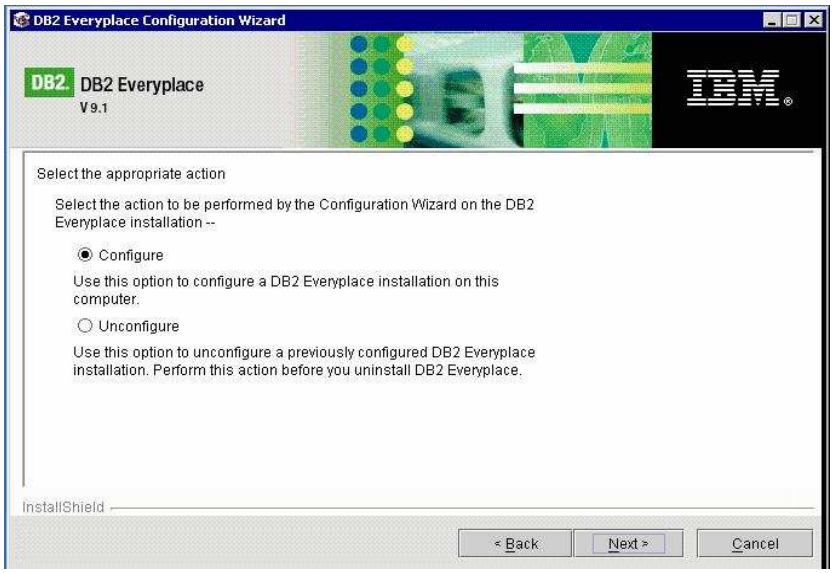


The second part of the installation process consists of the post-installation configuration tasks, which are based on the configuration options you chose during installation.

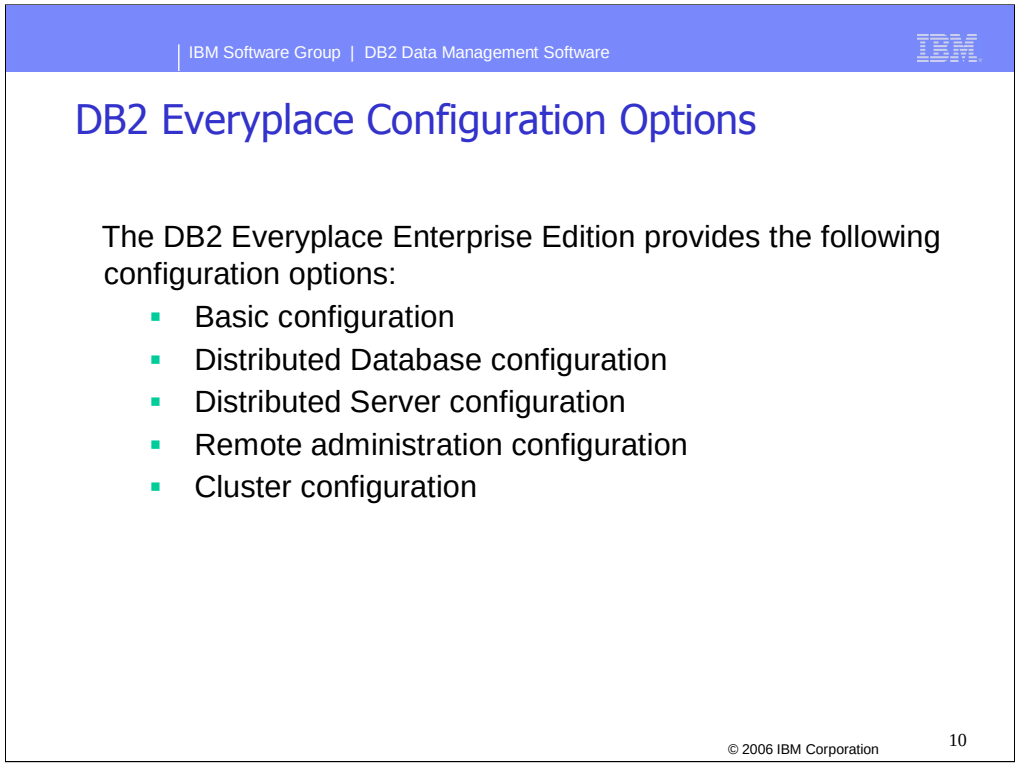
As with the installation step, you can choose between an ANT based command line tool or a ISMP GUI-based Configuration Wizard to perform the configuration tasks. If you choose the command line tool, you must specify the required properties file in the configuration properties file (dsyconfig.properties). In contrast, the Configuration Wizard collects the required information prior to invoking the command line tool.

The configuration tool can be used to configure, reconfigure, or unconfigure an existing DB2 Everyplace installation.

Configuration Pad



Shown here is an example of a Windows® Configuration Pad screen from the DB2 Everyplace Configuration wizard.



DB2 Everyplace Enterprise Edition provides the following five configuration options:

Basic configuration

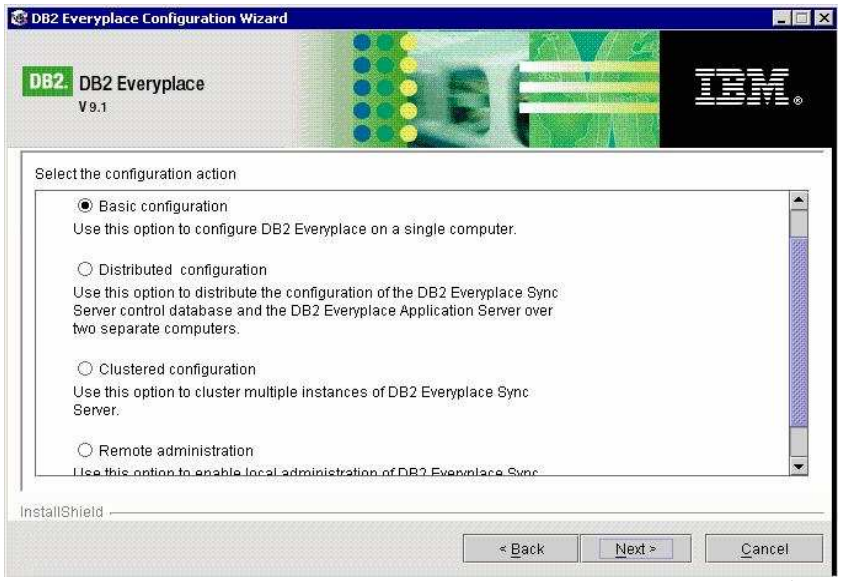
Distributed Database configuration

Distributed Server configuration

Remote administration configuration

Cluster configuration

Configuration Pad



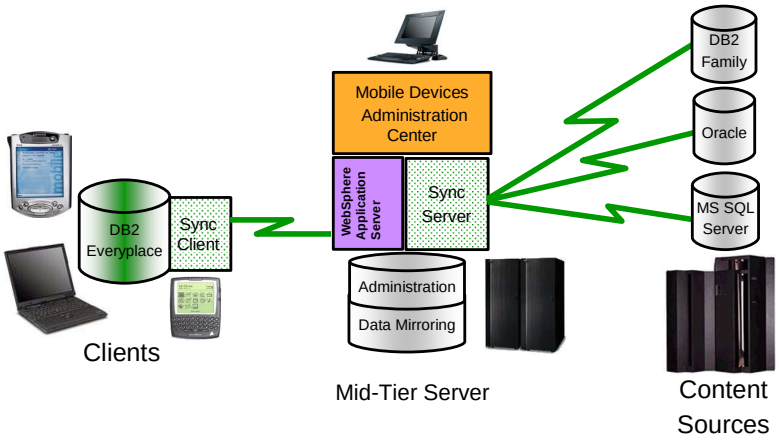
Shown here is an example of a Unix® or Linux® configuration pad screen from the DB2 Everyplace Configuration wizard.

Basic Configuration

- Single system install
- All components on the same machine
- Easy, good for first testing machine
  - Task name: basic-config
  - Task to undo the actions: basic-deconfig

This is a description of the basic configuration, which is a single system configuration with all components installed on one system.

Single-Server Architecture



Depicted here is a graphic representation of a basic configuration, referred to as single-server architecture.

Distributed Database Configuration

- Multiple box installation
- Database server of distributed environment
- Control database(s) of Sync Server created on the server
- Control database used on distributed server machine
  - Task name: distributed-database-config
  - Task to undo the actions: distributed-database-deconfig

The Distributed Database Configuration is defined as a configuration with components and control databases installed across multiple systems.

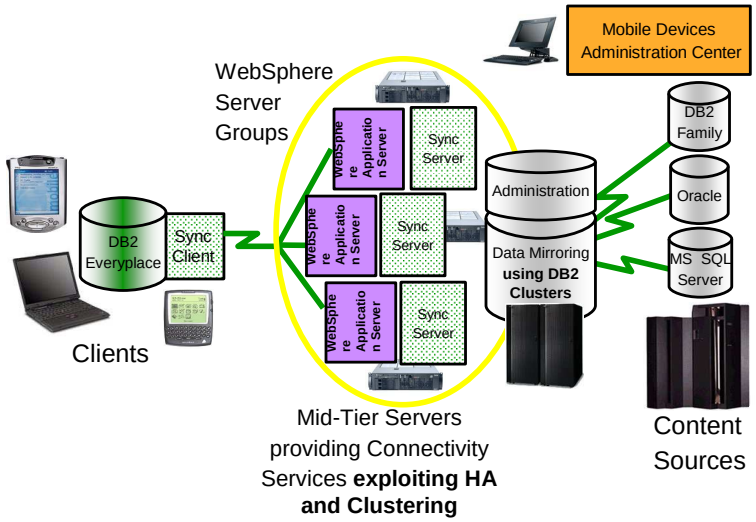
Distributed Server Configuration

- Multiple box installation
- Sync Server of distributed environment
- All components except control database(s)
- Control database(s) cataloged from database server
  - Task name: distributed-server-config
  - Task to undo the actions: distributed-server-deconfig

In a distributed environment, all of the DB2 databases (source and mirror) need to be cataloged on the distributed server machine (instance).

A Distributed Server Configuration exists when components are installed across multiple systems and control databases are cataloged from the database server.

Multiple Server Architecture



Depicted here is a graphic representation of a Distributed Server Configuration, also referred to as multiple server architecture.

Remote Administration Configuration

- Multiple box installation
- Configure local DB2 Everyplace for remote administration of DB2 Everyplace Sync Server
- Catalog the remote control database(s)
- Update the properties files used by DB2 Everyplace Mobile Devices Administration Center
  - Task name: remote-admin-config
  - Task to undo the actions: remote-admin-deconfig

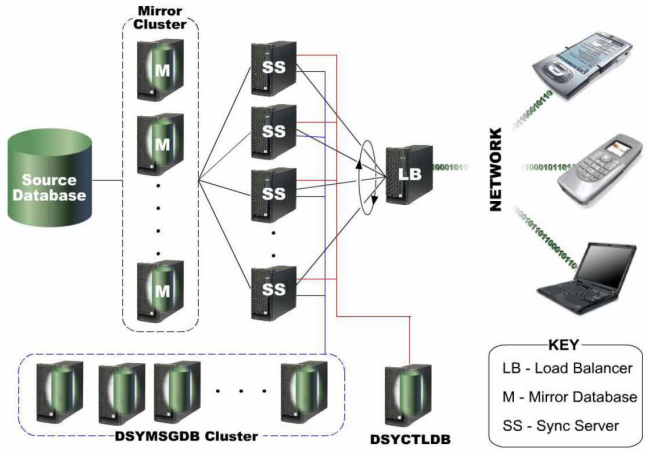
Provided here is a basic description of the steps necessary to configure remote administration of your DB2 Everyplace environment.

Cluster Configuration

- Configure the DB2 Everyplace installation in a clustered environment
- Either create the DB2 Everyplace Sync Server control database(s) locally or catalog them from a remote server
- Updates the properties files to be used by the DB2 Everyplace Sync Server and Mobile Devices Administration Center
  - Task name: cluster-config
  - Task to undo the actions: cluster-deconfig

The Cluster Configuration provides improved performance and availability over the other Configuration options. In a Cluster Configuration, control databases can be created locally or cataloged remotely.

Cluster Architecture



Shown here is an example of a typical cluster configuration utilizing Load Balancer, a cluster of mirrored databases, and multiple sync servers.

DB2 Everyplace Uninstall Pad

- Uninstall DB2 Everyplace from your system
- Remove any DB2 Everyplace components and instances that have been created

DB2 Everyplace can be uninstalled remotely using the uninstall pad.

Summary

- The installation of DB2 Everyplace is a two-part process consisting of either a typical or a custom install and configuration
- DB2 Everyplace can be configured using one of 5 options:
  - Basic configuration
  - Distributed Database configuration
  - Distributed Server configuration
  - Remote administration configuration
  - Cluster configuration

In summary, this presentation covered the installation options available for DB2 Everyplace. Configuration options and topologies were also discussed.

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