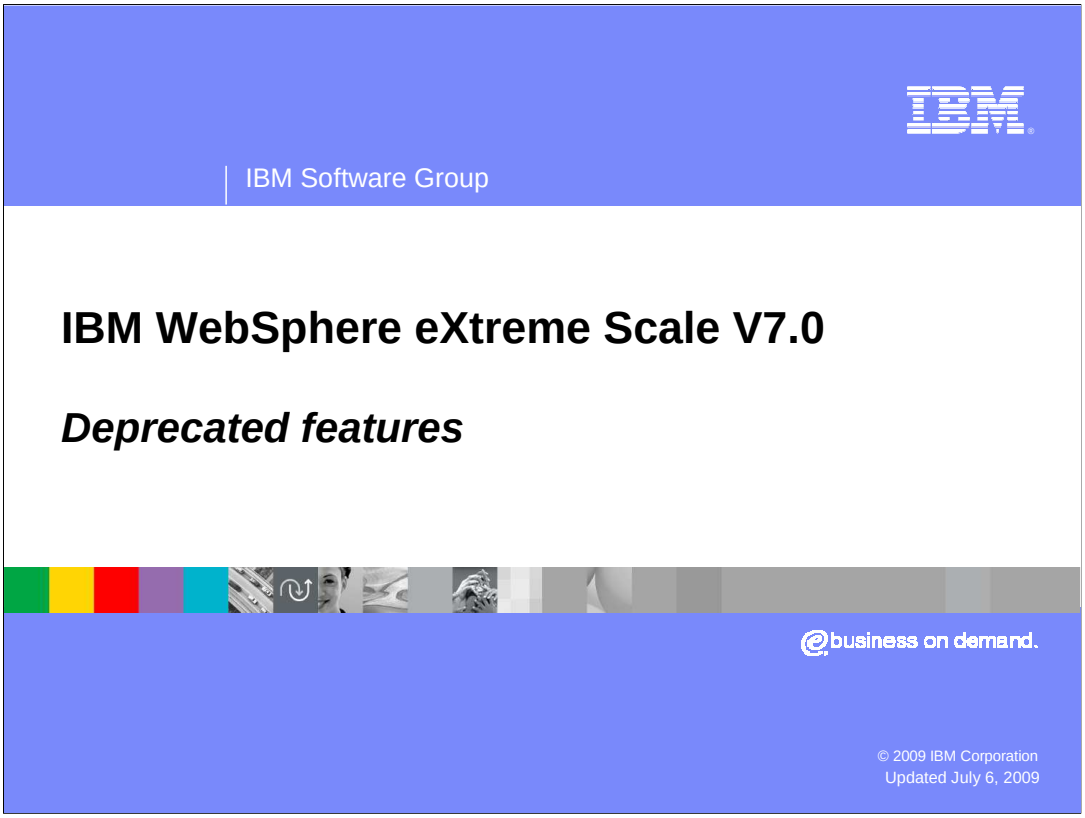


This presentation will cover features available in previous versions of WebSphere® eXtreme Scale that are deprecated in version 7.0. Deprecated features are still supported in the current release, but are considered obsolete and might be removed from a future release of the product.

Deprecated features

- Map keywords
- MapAuthorization
  - Replaced with ObjectGridAuthorization
- Static deployment topology
  - ManagementGateway
    - ObjectGridAdministrator
  - Cluster descriptor XML file

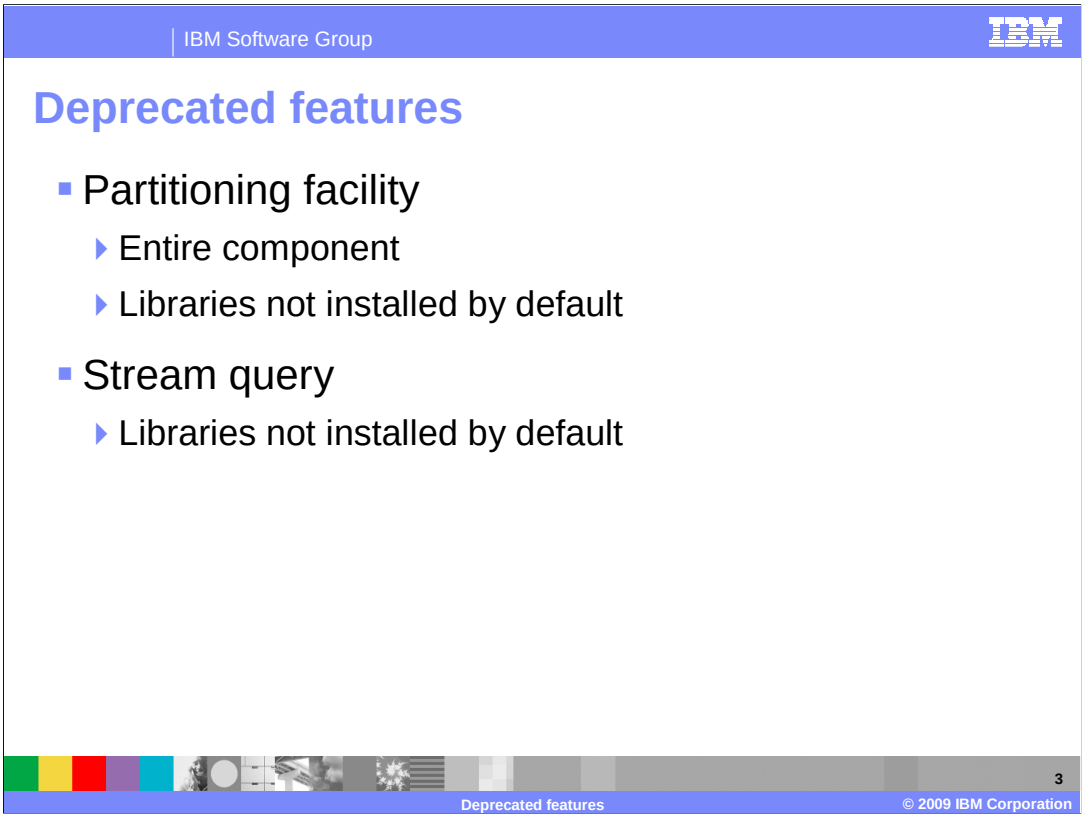
Map keywords are a mechanism provided in version 6.0 that provides a flexible invalidation mechanism based on keywords. This feature is deprecated in version 6.1. You can use index or query functions to accomplish the same task.

Custom map authorization by the MapAuthorization plug-in is also deprecated as of eXtreme Scale 6.1. This has been replaced by ObjectGridAuthorization. An ObjectGridAuthorization can be used to authorize permissions to ObjectGrid, ObjectMap, and JavaMap accesses.

WebSphere eXtreme Scale V6.1 introduced a dynamic deployment topology. Since the dynamic deployment topology is much easier to configure than the older static topology and is more flexible, the static topology option is deprecated in V7.0.

The Management Gateway process and ObjectGridAdministrator programmatic interface are used for systems management of statically defined servers and are therefore deprecated. Dynamically defined servers inherently include and expose this capability using JMX MBeans.

The cluster descriptor XML file is replaced with a more flexible deployment policy XML file. The static topology required that you specify all servers in a cluster before starting the cluster. A dynamic cluster automatically reconfigures itself as servers enter or leave the cluster.



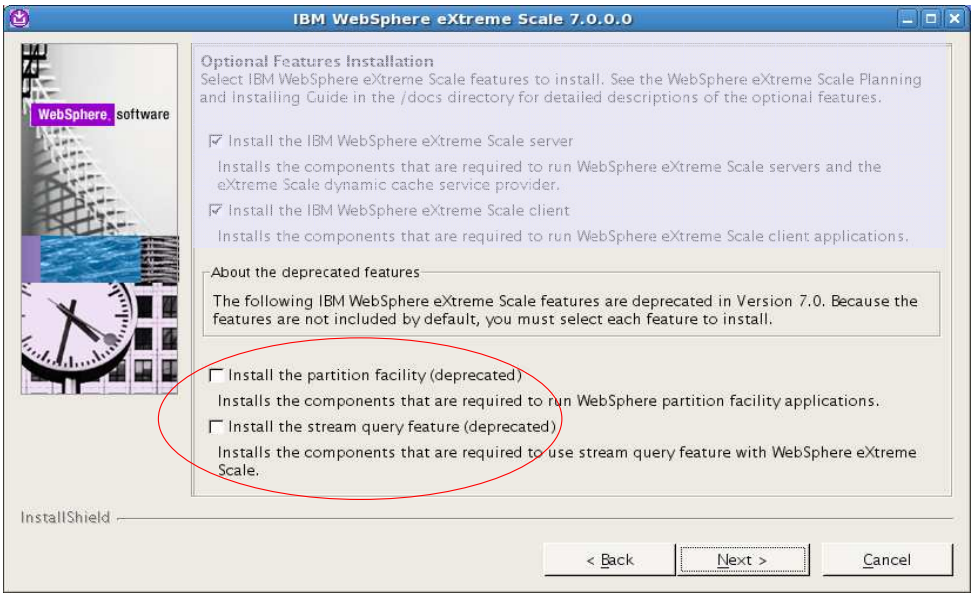
The partitioning facility is a set of programming APIs that allow Java™ Enterprise Edition applications to support asymmetric clustering. The application specifies a set of named partitions to split data access across a set of servers. These partitions must be manually placed by using high availability manager policies. This manual placement can become a burden if a large number of partitions are needed.

WebSphere eXtreme Scale provides similar capabilities but is easier to configure, provides better failover support, and scales better than the partitioning facility.

Stream query provides the ability to perform continuous query over streaming data. This feature is being deprecated with no direct replacement at this time.

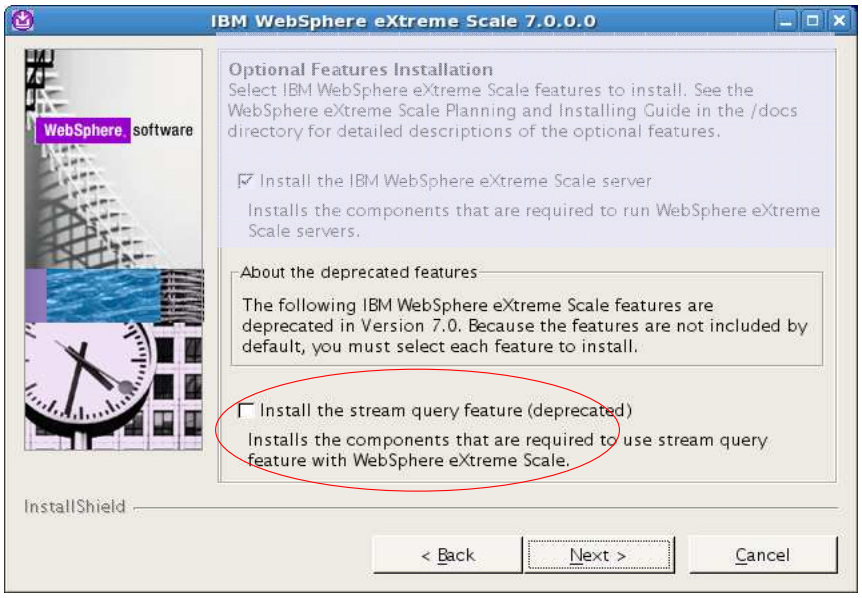
The partitioning facility and stream query are both deprecated in V7.0.

WebSphere Application Server installation

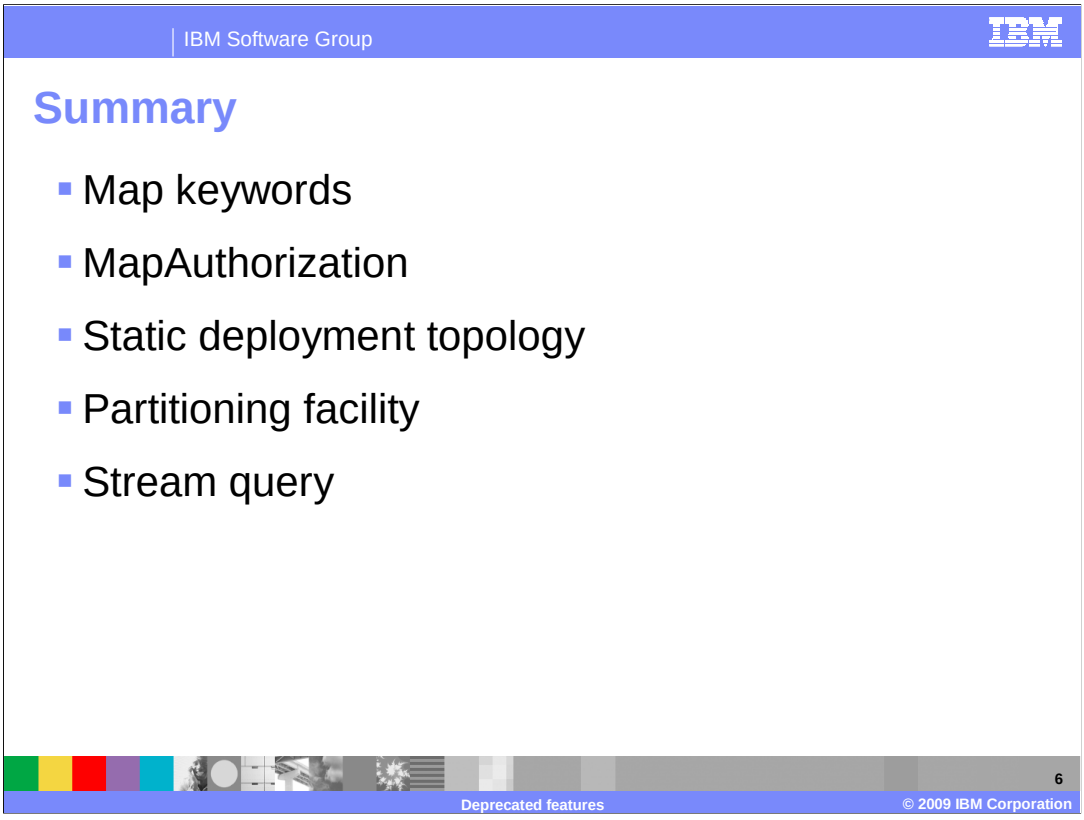


WebSphere eXtreme Scale does not install the partitioning facility or stream query by default. If you need these features, you must select them during product installation.

Stand-alone installation



Since the partitioning facility is a Java Enterprise Edition feature, it is not an available option for a stand-alone eXtreme Scale installation.



Map keywords and the MapAuthorization interface have been deprecated since WebSphere eXtreme Scale V6.1. Version 7.0 also deprecates static deployment topology, partitioning facility, and stream query. The partitioning facility and stream query are now optional components that must be explicitly selected during installation.

These features are still supported in the current release, but are considered obsolete and might be removed from a future release of the product.

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