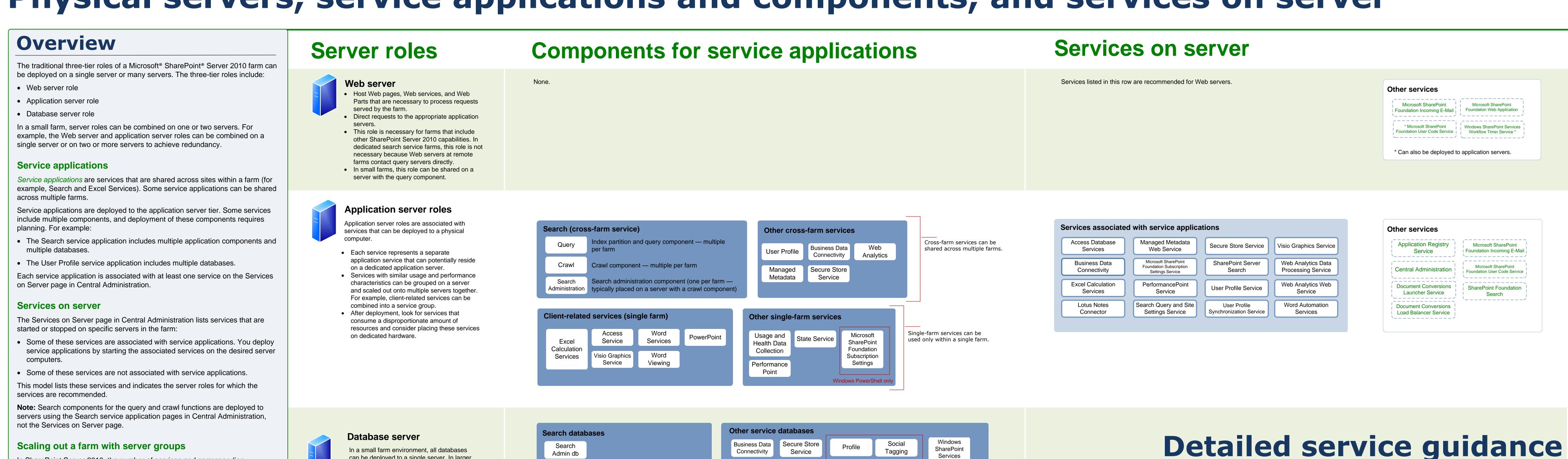
Topologies for SharePoint Server 2010

Physical servers, service applications and components, and services on server



Secure Store

Service

Usage and

Health Data

Connectivity

Managed

Metadata

State Service

fultiple content databases, depending on the

Search databases

olume of content and sizing goals for an

Multiple property

and crawl database

for medium- and

large-sized farms.

Content

Small to medium topology examples

In a small farm environment, all databases

can be deployed to a single server. In larger

deploy these to multiple database servers.

environments, group databases by roles and



Scaling out a farm with server groups

service, such as Excel Services or Search.

on the specific demands for each service.

in Central Administration.

group.

In SharePoint Server 2010, the number of services and corresponding

out a farm is to group services or databases that have similar performance

characteristics onto dedicated servers and then scale out the servers as a

databases is greater than in previous releases. The recommendation for scaling

For example, group all client-related services onto one or two servers and then

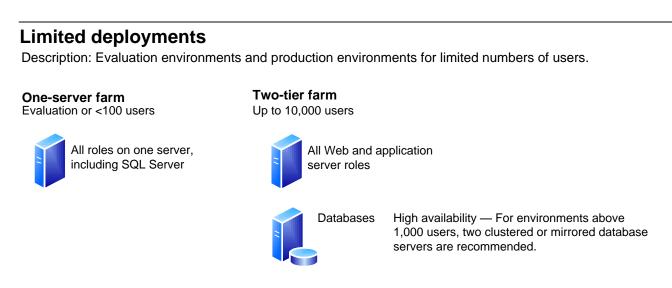
add servers to this group as needed to satisfy user demand for these services. In some cases, you might need to create a dedicated server group for a single

This model groups service applications and related components (for example,

point. In large environments, the specific groups that evolve for a farm depend

Note: Server groups is a planning concept. This term and concept is not found

databases) into several different logical groupings that can be used as a starting



Small farm topologies

Small multipurpose SharePoint Server 2010 topologic



databases

Medium farm architectures

Search

Admin db

Property db

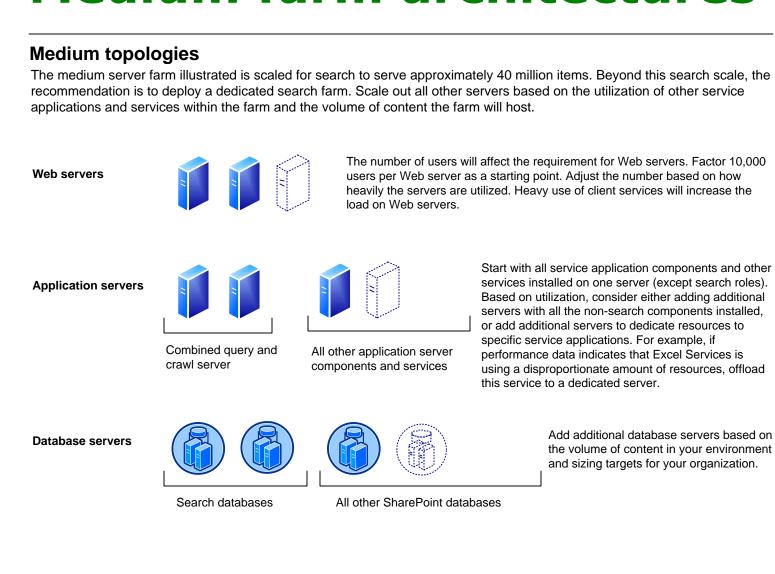
Content databases

Content

Content

Content

Content



Large farm examples

Tagging

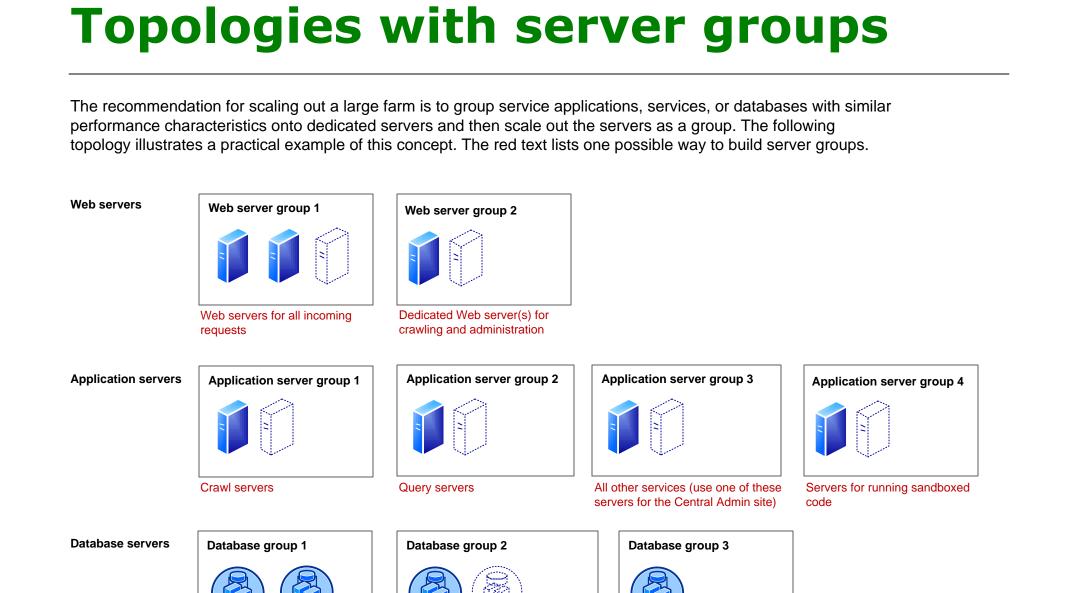
Synchronization

SharePoint

Services

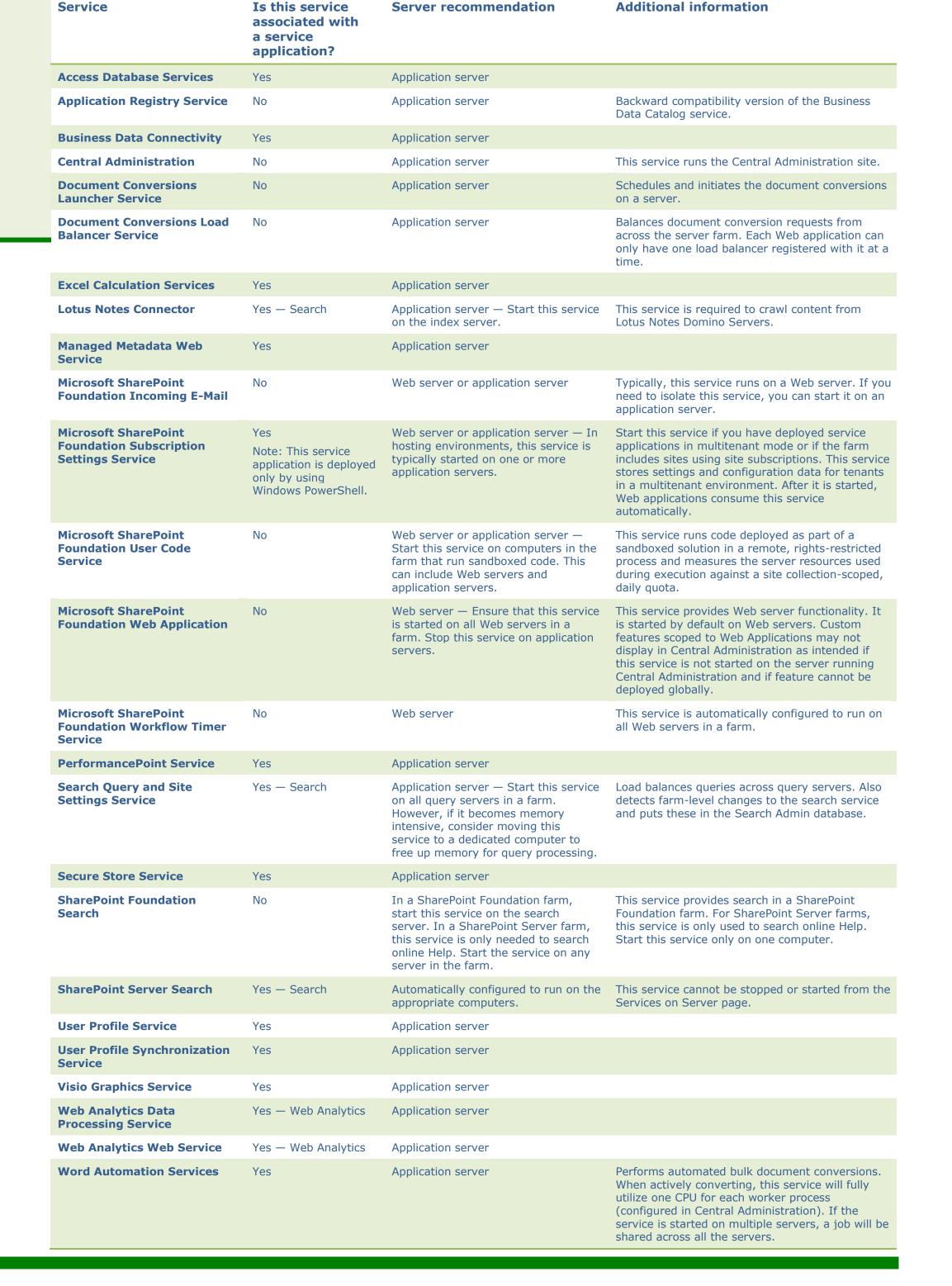
Subscription

Settings



All other SharePoint databases

Content databases



This table lists the services that appear on the Services on Server page in Central Administration and provides additional topology guidance,

on Server page.

it applies. Note that Search service application components are deployed to servers by using the Search Administration page, not the Services