TOPOLOGY DESIGN PRINCIPLES

Overview
The basic design decision is to consider SharePoint as a single farm to enable scalability or improvements in performance. The general design principles include:

- Single server role - The single server role enables you to configure services to use the single server role.
- Single server role - The single server role enables you to configure services to use the single server role.
- Single server role - The single server role enables you to configure services to use the single server role.
- Single server role - The single server role enables you to configure services to use the single server role.
- Single server role - The single server role enables you to configure services to use the single server role.

TOPOLOGY CONCEPTS FOR SHAREPOINT 2013

Small fault-tolerant farms

Search optimized farm

Distributed cache

Office Web Apps Server

Office Web Apps Server

Request management and load balancing

- Each SharePoint server in a fault-tolerant farm is designed to run all services, including SQL Server. However, additional servers can be used to scale the number of items and to improve performance.
- Each SharePoint server in a fault-tolerant farm is designed to run all services, including SQL Server. However, additional servers can be used to scale the number of items and to improve performance.
- Each SharePoint server in a fault-tolerant farm is designed to run all services, including SQL Server. However, additional servers can be used to scale the number of items and to improve performance.
- Each SharePoint server in a fault-tolerant farm is designed to run all services, including SQL Server. However, additional servers can be used to scale the number of items and to improve performance.
- Each SharePoint server in a fault-tolerant farm is designed to run all services, including SQL Server. However, additional servers can be used to scale the number of items and to improve performance.

EXAMPLE TOPOLOGIES

Limited deployments (1-2 servers)

Small multipurpose farms (3-4 servers)

Medium farm architectures (6+ servers)

Medium virtual farm consolidated onto 4 physical hosts

- The services are configured to scale out to multiple servers, enabling better fault tolerance and performance.
- The services are configured to scale out to multiple servers, enabling better fault tolerance and performance.
- The services are configured to scale out to multiple servers, enabling better fault tolerance and performance.
- The services are configured to scale out to multiple servers, enabling better fault tolerance and performance.

SCALE FARMING WITH SERVER GROUPS AND STORAGE GROUPS

Server groups

- Each SharePoint server in a fault-tolerant farm is designed to run all services, including SQL Server. However, additional servers can be used to scale the number of items and to improve performance.
- Each SharePoint server in a fault-tolerant farm is designed to run all services, including SQL Server. However, additional servers can be used to scale the number of items and to improve performance.
- Each SharePoint server in a fault-tolerant farm is designed to run all services, including SQL Server. However, additional servers can be used to scale the number of items and to improve performance.
- Each SharePoint server in a fault-tolerant farm is designed to run all services, including SQL Server. However, additional servers can be used to scale the number of items and to improve performance.
- Each SharePoint server in a fault-tolerant farm is designed to run all services, including SQL Server. However, additional servers can be used to scale the number of items and to improve performance.

Scaling out medium-size farms

- The services are configured to scale out to multiple servers, enabling better fault tolerance and performance.
- The services are configured to scale out to multiple servers, enabling better fault tolerance and performance.
- The services are configured to scale out to multiple servers, enabling better fault tolerance and performance.
- The services are configured to scale out to multiple servers, enabling better fault tolerance and performance.
- The services are configured to scale out to multiple servers, enabling better fault tolerance and performance.

Storage groups

- The services are configured to scale out to multiple servers, enabling better fault tolerance and performance.
- The services are configured to scale out to multiple servers, enabling better fault tolerance and performance.
- The services are configured to scale out to multiple servers, enabling better fault tolerance and performance.
- The services are configured to scale out to multiple servers, enabling better fault tolerance and performance.
- The services are configured to scale out to multiple servers, enabling better fault tolerance and performance.