



Load Balancing Microsoft AD FS

Solution Brief

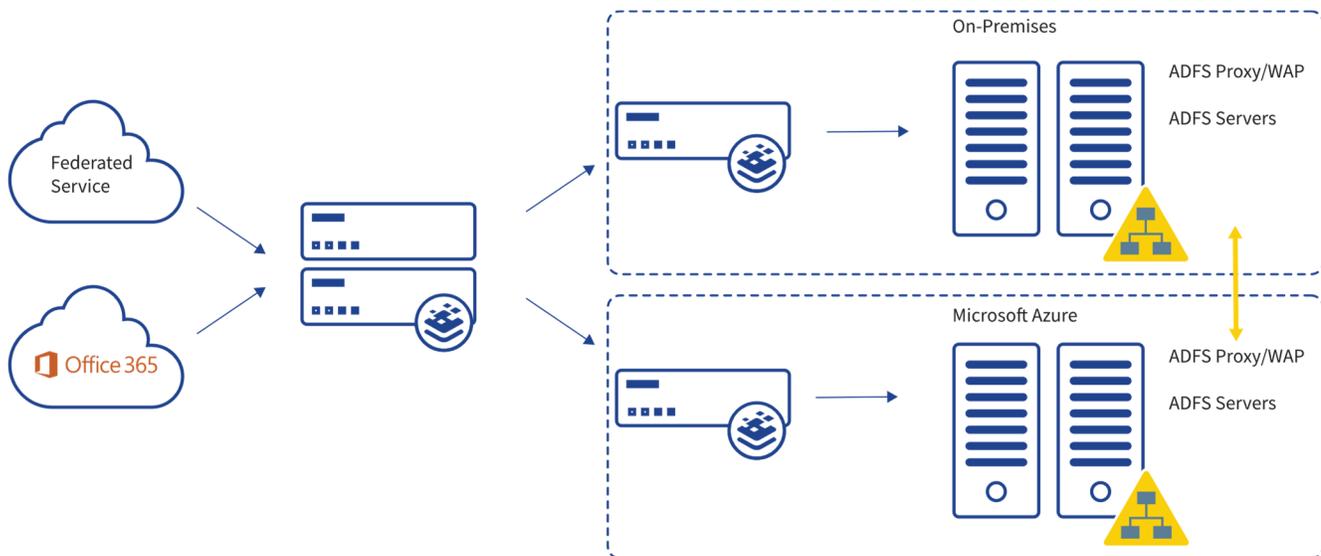


Resilient multi-site AD FS delivery across multiple clouds and locations

The Microsoft Active Directory Federation Services (AD FS) provide simplified application access across security domains. In essence this means that a user can login to a service such as Office 365 using their corporate credentials which are managed by Windows Active Directory. This approach makes life easier for both the user and IT administration as there is only one set of credentials to be managed and remembered.

On-premise AD FS resilience Enable AD FS across multiple sites Balance AD FS Proxy/WAP and Servers

The challenge with AD FS is that it can create a single point of failure which could lead to users not being able to access federated services. To avoid this scenario, it is recommended to deploy AD FS across multiple servers to provide resilience in the event of server failure and also in multiple sites to mitigate against a site outage.



Kemp LoadMaster™ delivers both the server and site resilience™ required to ensure that users have uninterrupted access to federated services in the event of an outage. The failover and recovery is totally automatic and transparent to the user community and requires no intervention from IT administration.



Features and Benefits

FEATURE	BENEFIT
Load Balancing of AD FS Proxy/WAP roles	Delivers resilience in the event of the failure of an AD FS Proxy or WAP server
Load Balancing of AD FS servers	Enables deployment of multiple AD FS servers to increase service reliability
Supports AD FS on all Windows Platforms	Can be deployed for AD FS services running on Windows 2008 and Windows 2012. AD FS on Windows 2012 R2 (sometimes referred to as AD FS 3.0) also supported
SNI enabled health checks and service identification	Supports use of multiple SSL secured services for improved health checking
Transparent operation	No need for user or administrator intervention in the event of a service failure or in the subsequent recovery
Scalable	LoadMaster GEO load balancing can support AD FS instances across multiple sites to accommodate growth and deliver additional resilience
Flexible deployment options	LoadMaster can be deployed as a virtual appliance greatly simplifying the creation of additional AD FS instances in public clouds such as Microsoft Azure