



## Enable Single Namespace for VMware View Deployments

Managing user access to a globally distributed virtual desktop infrastructure supported by multiple data centers presents several unique challenges. One of those challenges is supporting a single namespace (for example, <https://desktop.example.com>) for all users independently from their geographical locations or their respective business units. Providing a single namespace to end users lessens the burden on IT staff by reducing administrative tasks. It also cuts costs for companies' IT help desks by lowering incoming support calls. The F5 solution for VMware View offers a single namespace and streamlined access to clients such as Apple iPad, Microsoft Windows 7, and even zero-client platforms.

### Global Access, Single Domain Name

VMware View virtual desktop clients connect by domain name. A common scenario is to provide a specific domain name to users either based on a user's geographical location (for example, <https://europe.example.com>) or a user's business unit (for example, <https://finance.example.com>). If an end user is not being connected to the most appropriate data center, the user's overall experience might be sub-optimal.

By deploying BIG-IP Global Traffic Manager (GTM), a single namespace (for example, <https://desktop.example.com>) can be provided to all end users. BIG-IP GTM and BIG-IP Local Traffic Manager (LTM) work together to ensure that requests are sent to a user's preferred data center, regardless of the user's current location. Furthermore, BIG-IP Access Policy Manager (APM) validates the login information against the existing authentication and authorization mechanisms such as Active Directory, RADIUS, HTTP, or LDAP.

### F5 and VMware offerings

- BIG-IP® Local Traffic Manager™
- BIG-IP® Global Traffic Manager™
- BIG-IP® Access Policy Manager™
- F5 iApp™ for VMware View
- VMware vSphere
- VMware View

## Learn more

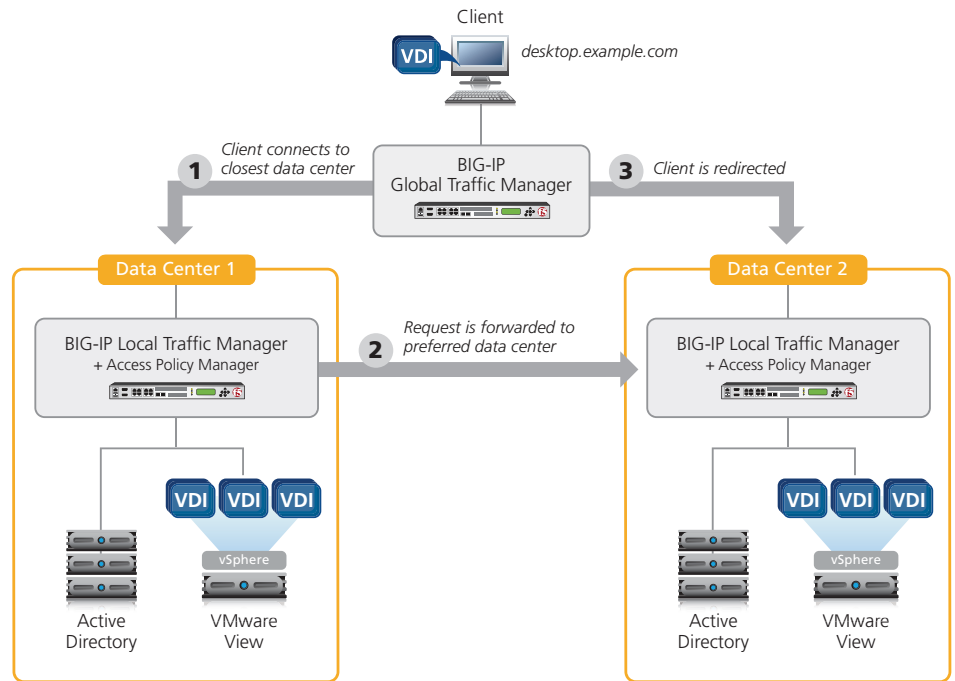
For more information about F5 and VMware, use the search function on [f5.com](http://f5.com) to find these resources.

## Deployment guide

[Deploying the BIG-IP System v11 with VMware View 5.0](#)

## Blog

[A Single Namespace to Rule Them All](#)



Example of a simplified single namespace architecture for VMware View.

## Seamless Global and Local Coordination

As shown in the diagram, the single namespace solution for VMware View is enabled by BIG-IP GTM, BIG-IP LTM, and BIG-IP APM working together seamlessly and transparently to the end user.

BIG-IP GTM sends the initial user request to the geographically closest data center. However, after BIG-IP APM validates the user's credentials and determines the preferred desktop for this user resides in a different data center, BIG-IP LTM communicates with BIG-IP GTM to redirect the user request to the user's preferred data center.

To find out how F5 and VMware joint solutions for virtual desktop infrastructure (VDI) can help your business, contact [VMwarePartnership@f5.com](mailto:VMwarePartnership@f5.com) or visit the [VMware View solutions page](#).