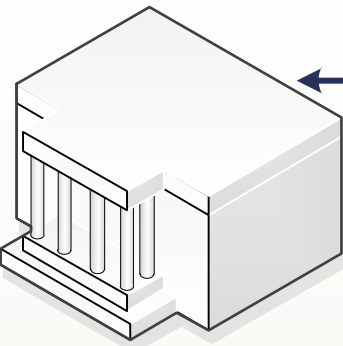# Education Institution Network
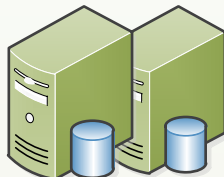
Desire2Learn Network

**Connect to Remote Location via Client
Preferred Method (VPN etc)**

**Once connected to customer network connect to customer
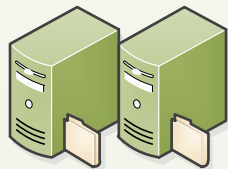application servers via RDP**

Database Cluster

Sufficient User to create/modify
Desire2Learn SQL Database

File Server Cluster

Ability to UNC between
Application Servers port 137
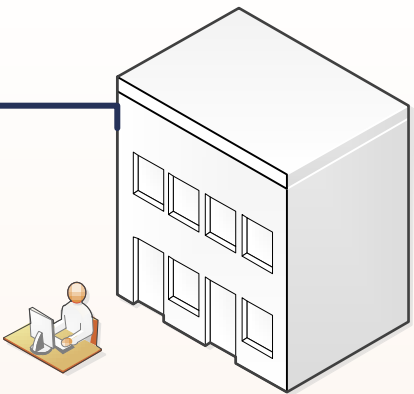
Application & Utility
Servers Cluster

Ability to UNC between Application
Servers port 137
Powershell functionality between
server, port 5985 and 5986 required
for this functionality

Firewall

Connect to Desire2Learn ftp site to download updates
using the ftp protocol and port 21
Connect to Desire2Learn updates site via Http and port 80

Keytool.valence.desire2learn.com
107.20.158.110

Updates.desire2learn.com
216.16.228.41

Keytool Valence serves as a repository of available third party software which can be integrated with
Desire2Learn platform. It also serves as a repository of authentication keys which the third party
software uses to connect to Desire2Learn platform though an API.
Currently Desire2Learn Web Services (D2LWS) handles the task of connectivity with third party software.
Valence has been introduced at LE v9.4.0 and is going to phase out D2LWS in the next couple of releases.
Therefore it is recommended to have a secured connection open to our Keytool Valence website to
automatically authenticate and receive any updates of new support for third party software. (IP:
107.20.158.110, Port: 443)