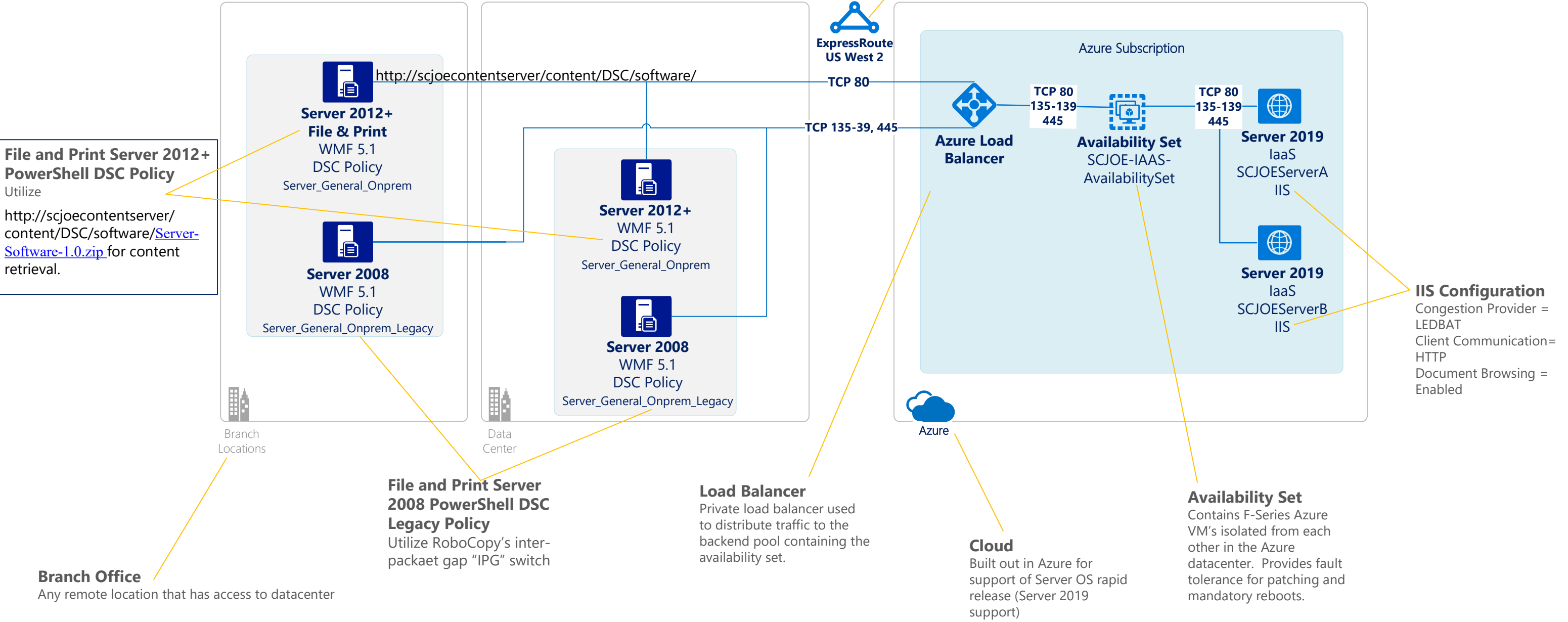


LEDBAT Content Distribution Architecture

Low Extra Delay Background Transport a delay-based congestion control algorithm used to background bulk-transfer applications more efficiently than standard TCP congestion control.

ExpressRoute

Azure ExpressRoute is a private connection between Data Center and Azure. The Express Route is to US West 2, and peered to West 1.



File and Print Server 2012+ PowerShell DSC Policy
Utilize
<http://scjoecontentserver/content/DSC/software/Server-Software-1.0.zip> for content retrieval.

Branch Office
Any remote location that has access to datacenter

File and Print Server 2008 PowerShell DSC Legacy Policy
Utilize RoboCopy's inter-packet gap "IPG" switch

Load Balancer
Private load balancer used to distribute traffic to the backend pool containing the availability set.

Cloud
Built out in Azure for support of Server OS rapid release (Server 2019 support)

Availability Set
Contains F-Series Azure VM's isolated from each other in the Azure datacenter. Provides fault tolerance for patching and mandatory reboots.

IIS Configuration
Congestion Provider = LEDBAT
Client Communication = HTTP
Document Browsing = Enabled