

Table 1: The control features in the real-world SAS studied for DLDA

<i>Control Feature</i>	<i>Range</i>	<i>Description</i>
<i>CPU</i>	100%, 105%, . . . , 300%	CPU cap of the underlying virtual machine.
<i>Memory</i>	0.5GB, 0.51GB, . . . , 2GB	Memory provision of the underlying virtual machine.
<i>transmissionCompression</i>	<i>On</i> or <i>Off</i>	Whether the response sent to the end-users are zipped.
<i>cacheMode</i>	<i>Zipped</i> , <i>Unzipped</i> or <i>Off</i>	Whether the caches are zipped, unzipped or turned off.
<i>maxBytesLocalHeap</i>	0MB, 1MB, . . . , 25MB	The size for caching on heap.
<i>maxBytesLocalDisk</i>	0MB, 1MB, . . . , 25MB	The size for caching on disk.
<i>minSpareThreads</i>	10, 11, . . . , 300	Number of threads that are kept alive.
<i>maxThread</i>	10, 11, . . . , 300	Number of threads that are allowed to be run simultaneously.
<i>maxConnections</i>	10, 11, . . . , 300	Number of database connections that are allowed to be run simultaneously.
<i>queryCacheSize</i>	0MB, 1MB, . . . , 25MB	The size for caching query results from the database.