Troubleshooting

Errorlogs –

SQL, Windows Event logs

Wait stats –

Dmo.waitstat

Sos\_shheduler\_yield – cpu pressure

Cxpacket – parallelism

Locking

Lck\_X, lck\_m\_u, lck\_m\_x

Memory

Pagelatch\_x, latch\_x

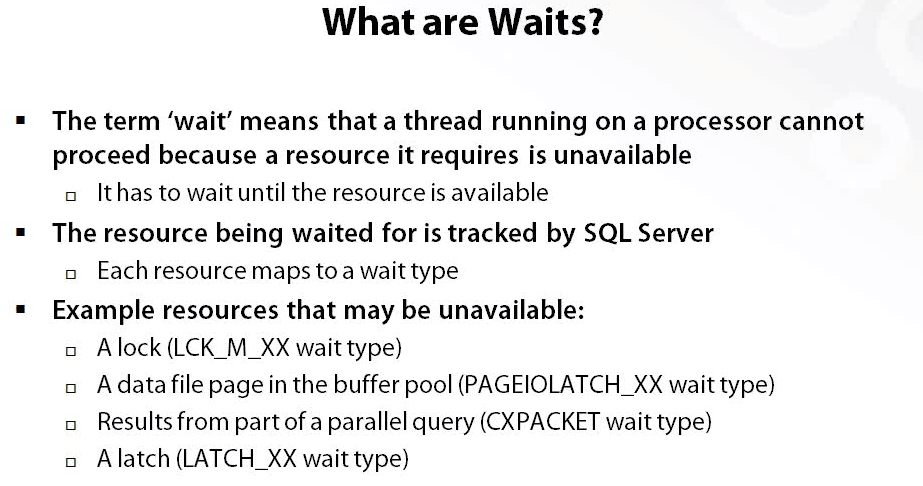
Memory grants resource\_semaphore

I\O

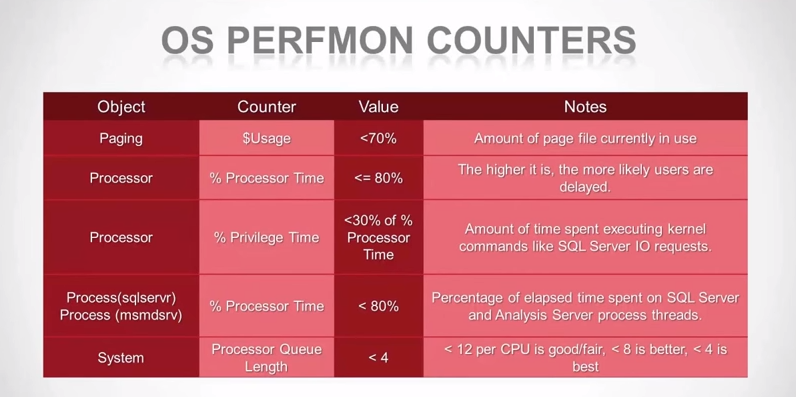
Bufferi\o latch pageiolatch\_x

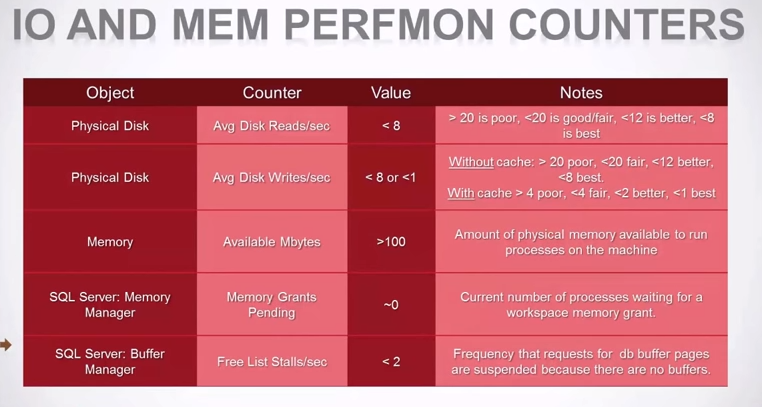
Network pressure

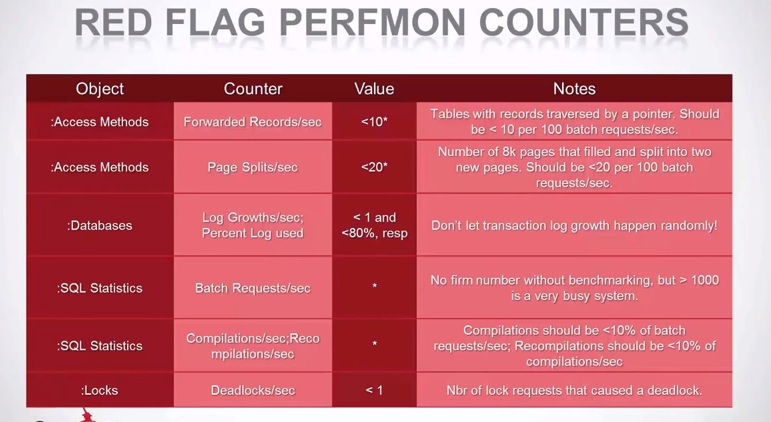
Network i\o async\_network\_io



Perfmon –







Profiler / Xevents –

Performance

Sys.dm\_os\_wait\_stats -- waits that have occurred since last cycle or cleared

Sys.dm\_os\_performatnce\_counters

Sys.dm\_os\_waiting\_tasks -- whats happening now

i\o

sys.dm\_io\_virtual\_file\_stats

sys.dm\_io\_pending\_io\_requests

Transactions

Sys.dm\_tran\_lock

Sys.dm\_db\_index\_operational\_stats

Sys.dm\_db\_index\_usage\_stats

Spid activity & SQL statements

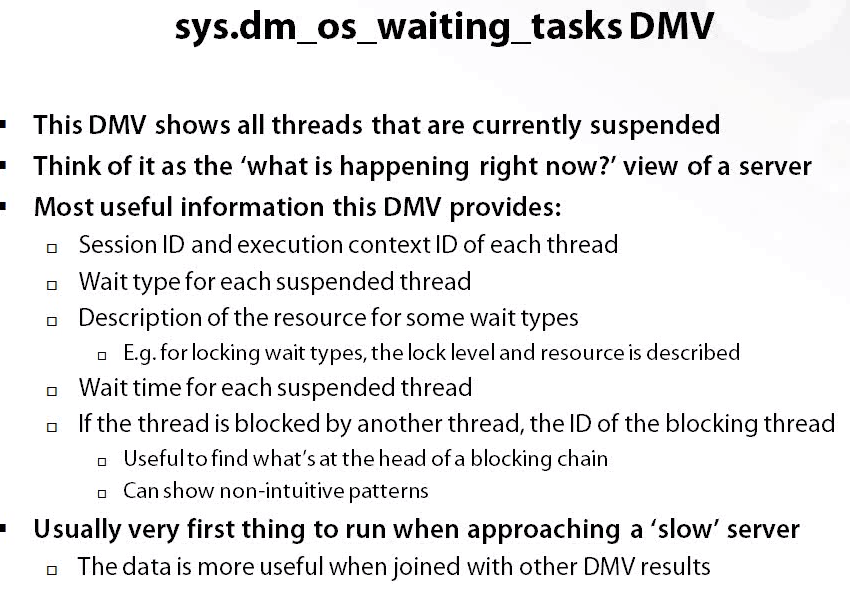
Sys.dm\_os\_exec\_requests

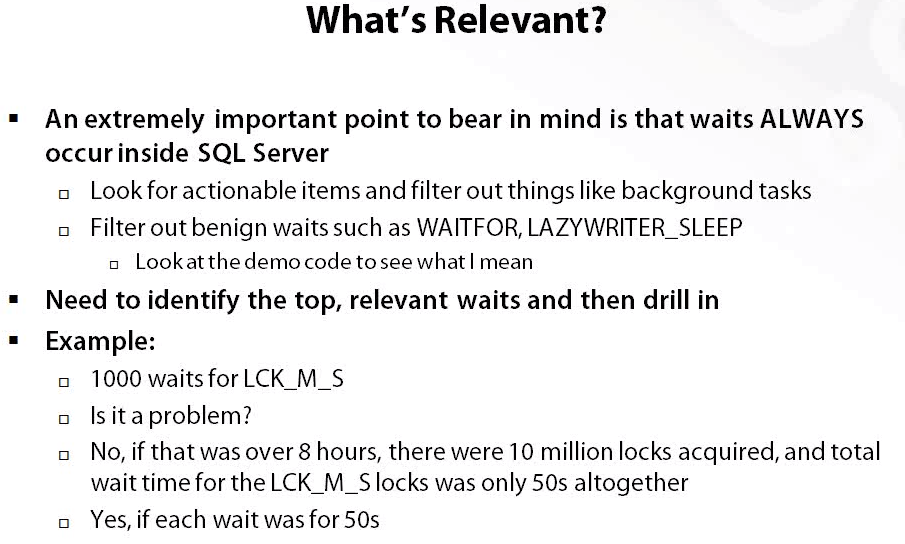
Sys.dm\_exec\_requests

Sys.dm\_exec\_query\_stats

Sys.dm\_{procedure | trigger}\_stats

Sys.dm\_os\_schedulers







<http://sqlsentry.tv>

