CollaBoard on-prem – Installation und Konfiguration

01.1   Minimal Requirements

- Windows Server 2016 running Application Server (4 processor cores, 16GB Ram)
- Windows Server 2016 running SQL Server 2016 or higher (8 processor cores, 24 GB RAM), SQL Server 2012 can be used as well.
- Fileshare to store project blob files (SSD 500GB)
  - Fileshare can be on the application server. This should not be an issue. To be sure we need to do some tests after the installation to see if there are performance issues or not.
- IIS running on Application Server (or another server)
- .Net Framework 4.7 or higher

Network requirements

The following table lists the minimum network requirements for the connection between the client and the server.

Value	CollaBoard Server to client	Collaboard to database
Bandwidth	50 kilobytes per second (KBps) per user	100 megabytes per second (MBps)
Latency	Less that 50 – 100 milliseconds	Less than 1ms

01.2   Ports

- CollaBoard uses standard port 80 (the same of HTTP traffic)
- Together with 80 we use 443 for HTTPS

01.3   Load Balancer

CollaBoard Standard Version is using Azure Load Balancing. For CollaBoard on-premise a load balancer can be used but this is not a mandatory requirement.

01.4   SQL Server

CollaBoard needs at least on SQL Server instance. Depending on the needs this can
be a standalone instance or AlwaysOn instance.