**Azure Meeting**

11th July 2018

ECA: Alaric Turner (AT), Jason Grant (JG), Tony Hopkins (TH), Kurt Malmstrom (KM), Paul O’Shea (POS), Steve Hall (SH)

Ultima: Nigel Wardle (NW), Chris Kirk (CK)

1. The scaling of system resources can be handled by an automation script. So as an example, we could boost resources in the morning for ECS when they are at their busiest, then scale back late afternoon. You can also automate this with thresholds, so if you hit 80% CPU, you can scale up and when it drops below say 60% it can drop back.
2. It was noted there are two sperate Kentico installations at present and the plan is to keep it that way.
3. Agreed that Kentico would be upgraded to the latest version before moving to Azure.
4. Session state - Should not be a problem at present as they are separate instances. Microsoft recommends that you do think about session state for scaling out.
5. Silverlight – We should look to migrate way, so Silverlight should not be a problem, but this will depend on resource availability and how quickly we wish to move this project. If we cannot migrate away we can to run the two Silverlight Apps (DD and Rules Engine) on premise for the interim.
6. SQL Authentication – Currently we use trusted accounts and groups for ECA Connect, ECS just uses SQL authentication so is not a problem. Azure supports a trusted login to Azure AD, so we could replicate the current authentication model. Public authentication is handled by SQL, so no pass through is required.
7. Watchdog – Could use logic Apps in Azure, which is often the preferred route. If we want to use a code approach then we could use a Web App. Kentico also has a scheduling option we can review.
8. Reporting Services (SSRS) – Currently there is not an Azure PAS solution for this. The current conclusion is that we will have to connect Azure to an on premise SSRS server. Would need to check the latency to ensure that this would work. We could also run this in a small VM in Azure.
9. The current estimate for databases to run in Azure is 10, which is half the existing estate.
10. There is a need to ensure that the design is resilient across two regions.