

Question	Answer
Are the docker images (or the registry) available from FEWS support?	As explained in the webinar, the Docker images are currently build on a daily basis and stored in a Docker Repository. Deltares would like to build up experiences first towards this automatic pipeline of Continuous Integration (building) and Continuous Deployment for Delft-FEWS components. When successful, we are definitely considering sharing these Docker images as part of Support & Maintenance agreements. Prior to that we are open for setting-up a pilot project with this pipeline approach with interested client who are considering using Docker for their deployments.
Is there information available about security aspects organisations need to check or modify when moving to the cloud with Delft-FEWS?	The (public) cloud has several security services which can be used to improve your security level. In general one could state that your on premise security requirements can be applied to the cloud version. Try to avoid public ip-addresses is one for instance.
Egress and ingress between VMs can be charged. That means that data traffic between the database and the FSSs can bring costs depending on the setup. Can these costs be estimated easily a priori?	Traffic between components in the cloud is free of charge. There are cost involved for data transfer incase the data leaves the cloud. Each provider has somekind of calculator where you can estimate the cost for this data transfer exiting the cloud
Getting data out of the cloud is quite costly. What is your advice to minimize these costs using the	For the Delft-FEWS Web Services it is recommended to use the JSON format, since it is less verbose than the PI XML format. Another usefull feature to limit the data is using the thinning option. See the public wiki:  <a href="https://publicwiki.deltares.nl/display/FEWSDOC/FEWS+PI+REST+Web+Service#FEWSPIRESTWebService-GETtimeseries">https://publicwiki.deltares.nl/display/FEWSDOC/FEWS+PI+REST+Web+Service#FEWSPIRESTWebService-GETtimeseries</a>
Are the incoming datafeeds checked on the format prior to feeding the data to FEWS? (also called 'scrubbing' as Security measure)	Data feeds are parsed using standard java libraries to make sure they comply to XML or JSON. Our java libraries are scanned against the OWASP top 10 to make sure the data feed imports are secure.

