



Intel® Deep Learning Studio

Release Notes for Dell Remote Access 1.0

Revision 1.0, July 2018

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Document Revision History

Revision	Date	Comments
1.0	July 2018	Initial version.



1.0 Known High-Severity Defects

Table 1: High-Severity Defects List

ID	Details/Workaround
CAN-914	<p>Opening Tensorboard session throws 503 Service Unavailable error.</p> <p>Workaround The session was created successfully, however the server was still initializing: simply refresh the page.</p>
CAN-884	<p>ElasticSearch pod can occasionally stop running, which causes results in inability to cancel any experiments.</p> <p>Workaround As an Administrator delete limits section for <code>dls4enterprise-elasticsearch</code> deployment. <code>\$ kubectl edit deployment dls4enterprise-elasticsearch -n dls4e</code>. Navigate to resources/limits section and remove limits section. Save and exit. The elasticsearch deployment automatically updates.</p>
CAN-846	<p>Multi-node trainings occasionally fail and generate huge amount of logs. This can affect platform performance.</p> <p>Workaround Cancel the multi-node with the <i>purge</i> option to restore platform performance.</p>
CAN-794, CAN-800	<p>Occasionally, the *Kubernetes cluster stops responding to any requests. It might affect user creation/deletion, experiment submission, and any other DLS operations.</p> <p>Workaround Retry user creation/deletion.</p>
CAN-804	<p>An error in custom template leads to ghost experiments. A defect occurs only if a user creates their own template based on tf-job one and makes an error in the content of this template.</p>



	<p>Workaround Manually inspect and remove kubernetes objects: <i>Pods</i>, <i>experiment</i>, <i>run</i>, <i>tfjob</i> associated with the given experiment.</p> <pre>\$ kubectl get pods \$ kubectl delete pod _podname_ ...</pre>
CAN-799	<p>Message: "Docker image hasn't been sent to the cluster." error occurs occasionally while submitting experiments.</p> <p>Workaround Try to resubmit the experiment.</p>
CAN-859	<p>No resources are set for pods running multi-node experiments, which might cause such experiments to fail.</p> <p>Workaround Occurs under heavy platform load, specify a sensible number of workers.</p>



1.1 Known Low-Severity Defects

Table 2: Low-Severity Defects List

ID	Details/Workaround
CAN-893	Experiment logs are littered by “Run Patch” messages.
CAN-890	<p>No immediate logs are generated when an experiment fails, but pods are still running.</p> <p>Workaround The logs will be eventually available after some time.</p>
CAN-875	The port number specified by a user in ‘launch ui’ command <i>is not</i> used in case it is already occupied. The dlsctl assigns a random free port.
CAN-867	Metrics are left in Web UI, even if the experiments were purged.
CAN-780	If interactive experiment is started with -f option and provided script <i>is not</i> *.ipynb the script <i>is not</i> loaded into a notebook and kernel <i>is not</i> selected.



2.0 Versions of Released Components

Released version of components, includes:

1. DLS Platform PRE-ALPHA-RC1-20180725112126
2. DLSCTL PRE-ALPHA-RC1-20180725112126
3. Kubernetes* 1.10.3
4. Kubernetes* kubectl 1.10.3
5. MIT Draft* 0.13.0
6. Helm* 2.9.1
7. Docker* 18.0.3
8. Tensorflow* 1.9.0
9. Intel MKL-DNN 0.14
10. IPython 6.4.0
11. Jupyter Notebook* 5.6.0
12. NumPy* 1.14.5
13. Matplotlib* 2.2.2
14. Python* Pandas* 0.23.3
15. Python* Scikit-learn* 0.19.2
16. SciPy* 1.1.0

Note: * indicates third-party reference.



3.0 Supported Browsers

Validated Browsers, includes:

1. Google* Chrome* 62+ for Windows, MacOS and Linux
2. Additional browsers, such as Mozilla* Firefox* and Apple* Safari* may work. However, this *has not* been validated.

Note: * indicates third-party reference.

