

# Investigate Test Frameworks and Best Practices for HPCC Systems Cloud Native

The proposal period for 2022 internships is now closed  
 The proposal period for 2023 internships will open in November 2022

This is new project, more information coming soon. If you are interested in this project contact [Lorraine Chapman](#).

Find out about the [HPCC Systems Summer Internship Program](#).

**Project Description**

This project involves...

In the process of doing this work, it is expected that you will be able to identify and recommend:

- Best practices for things like disk uses and topography
- VM types, giving reasons for those recommendations
- Opinionated Terraform modules to use

If you are interested in this project, please contact [Add email link to mentor](#).

**Completion of this project involves:**

- <4+ high level tasks to be completed>

**By the mid term review we would expect you to have:**

- <What must be completed to pass the evaluation and continue on to complete the project>

Mentor	Add Mentor Name Add link to Email Address  <b>Backup Mentor:</b> Add Backup Mentor Name Add link to Email Address
Skills needed	<ul style="list-style-type: none"> <li>• &lt;See below some ideas add ones appropriate to the project.&gt;</li> <li>• Ability to build and test the HPCC system (guidance will be provided).</li> <li>• Ability to write test code. Knowledge of ECL is not a requirement since it should be possible to re-use existing code with minimal changes for this purpose. Links are provided below to our ECL training documentation and online courses should you wish to become familiar with the ECL language.</li> </ul>
Deliverables	<p><b>Midterm</b></p> <ul style="list-style-type: none"> <li>• &lt;Deliverable(s) to be achieved&gt;</li> </ul> <p><b>End of project</b></p> <ul style="list-style-type: none"> <li>• &lt;Deliverables expected by the end of the internship&gt;</li> </ul>
Other resources	<ul style="list-style-type: none"> <li>• <a href="#">HPCC Systems website</a></li> <li>• JIRA issue for this project:</li> <li>• Blog: &lt;Where relevant or other online resource&gt;</li> <li>• Existing examples: &lt;github links etc&gt;</li> <li>• Learning <a href="#">ECL documentation</a> and <a href="#">on-line training courses</a>.</li> </ul>