|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Group** | **Competency** | **Remember** | **Understand** | **Apply** | **Analyze** | **Evaluate** | **Create** |
| High performance computing | HPC fundamental | * remember HPC glossary (e.g. node, partition, cluster) * remember |  |  |  |  |  |
|  | System architectures |  |  |  |  |  |  |
|  | Job scheduling |  |  |  |  |  |  |
|  | Parallel file system |  |  |  |  |  |  |
|  | Parallel programming |  |  |  |  |  | * write a parallel complex program |
|  | Performance profiling and optimization |  |  |  |  |  |  |
| Computing | Working in Linux environment | * Remember frequently used Linux command |  |  |  |  |  |
|  | Software management | * Remember frequently used package management tools and commands |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Domain knowledge |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Law and compliance | Agreements |  |  |  |  |  |  |
|  | Intellectual Property (IP) and License |  |  |  |  |  |  |
|  | PDPA (i.e. GDPR) |  |  |  |  |  |  |