General HPC Architecture on AWS

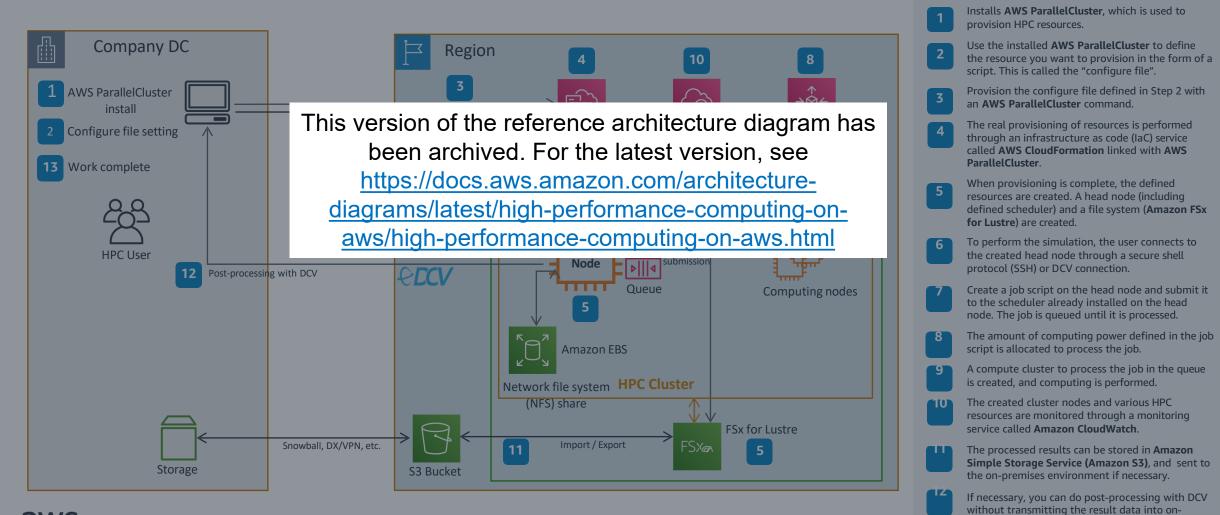
A series of processes that constitute high-performance computing (HPC) on AWS with lift and shift approach

- This architecture can be applied when the on-premises HPC architecture is migrated to the AWS Cloud using the <u>lift and shift</u> method.
- This method is called a traditional architecture, and its advantage is that users who used HPC systems in an on-premises environment can build and use HPC systems in the AWS Cloud environment without much burden.
- It is almost the same as the on-premises environment, except the resource is defined in the form of a script using **AWS ParallelCluster**.
- Use this architecture to intuitively configure your HPC system in the AWS Cloud environment and use it to perform your simulations.

premises.

cluster is deleted.

When there are no more jobs to process, the





AWS Reference Architecture