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Building HPC infrastructure on public clouds with PBS Works

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Delivering HPC solutions via cloud-based resources is still a technical challenge. Beside either running HPC workload on on-premise resources or entirely on cloud resources hybrid approaches can be used for providing a flexible and cost-effective way of running HPC workloads. Based on two examples, a turn-key SaaS solution (HyperworkUnlimited Virtual Appliance) and a Cloud Bursting scenario with PBS Control we will discuss what is involved in such setups and how to make it work smoothly.

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