

HPC configuration management using Puppet 5

Thursday, 7 December 2017 09:00 (20 minutes)

In this workshop we will install and configure Puppet 5, a configuration management system, to manage our compute cluster.

We will install and configure the Puppet server, PuppetDB database, a Puppet agent and multiple modules from the Puppet Forge. Best practises will be implemented, including using Hiera and saving configurations to Git.

The workshop will be hands-on. Please ensure you have a working installation of Hyper-V, VMware (Workstation or Player) or VirtualBox. Copies of the VMDK/VHDX files will be provided.

HPC content

All nodes in a compute cluster should conform to a common standard in order to be useful. With a configuration management system, we can ensure conformity and eliminate common errors which impede effective computing.

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