Contribution ID: **402**　　　　　　　　　　　　　　　　　　　　　　　Type: **Poster**

Migration Routes to Virtual Technologies

Thursday, 13 October 2016 16:30 (15 minutes)

Traditional T2 grid sites still process large amounts of data flowing from the LHC and elsewhere. More flexible technologies, such as virtualisation and containerisation, are rapidly changing the landscape, but the right migration paths to these sunlit uplands are not well defined yet. We report on the innovations and pressures that are driving these changes and we discuss their pros and cons. We specifically examine a recently developed migration route to virtual technology that is currently available to sites called VAC. We installed and tested VAC on a production class cluster and we ran it with a set of VOs for a period of months. We report our test findings and conclude that VAC is suitable for large scale deployment.

Tertiary Keyword (Optional)

Cloud technologies

Secondary Keyword (Optional)

Computing models

Primary Keyword (Mandatory)

Virtualization

Primary author: JONES, Stephen (Liverpool University)

Co-authors: BLAND, John (University of Liverpool); FAY, Robert (University of Liverpool)

Presenter: JONES, Stephen (Liverpool University)

Session Classification: Posters B / Break

Track Classification: Track 3: Distributed Computing