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Best Practices for Cloud Application Architecture

Friday, 23 May 2014 11:00 (1h 30m)

Many user groups trying to bring their applications into the cloud choose VM images as the "packaging format". Depending on the structure of the application and the intended use cases that are to be run on cloud resources, there may be alternative ways of packaging the application, thus keeping images small and avoiding problems that may arise from the need to update individual assets within images. This will ultimately lead to optimizations in application delivery and startup, presenting a better experience to the user.

This session will start with considerations about available IaaS cloud features and how applications can make the best use of them.

Wider impact and conclusions

This tutorial addresses user communities and individual users who want to optimize their use of cloud resources and learn about cloud features they can employ to do so.

Description of work

This 90 minute tutorial will present the following:

- Cloud features and how to use them
- Separating architectural components and mapping them onto cloud features and resources
- Example use case

We will be more than happy to provide direct assistance to user communities covering specific problems or questions about cloud application architecture.

We expect up to 20 participants.

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