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Challenges in scheduling virtual CPUs

Wednesday, 18 September 2024 15:00 (22 minutes)

In virtualized environments, information about the underlying physical CPU topology is usually hidden from the guest systems.
This talk will discuss challenges in scheduling virtual CPUs and how passing topology insights to the guests can be utilized to allow the guests to cooperate and gain performance benefits.
As an example, the s390 architecture will be used to demonstrate how smart choices in this area can contribute to increased performance.

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