

The transcontinuum cyberinfrastructure

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This presentation gives a short overview of the the transcontinuum concept that influences the current European roadmap design for HPC and HPDA future cyberinfrastructure.

This concept captures the need to provide application developers an end-to-end abstraction of the infrastructures (HPC centers, Cloud, Fog, sensors) needed to combine HPC computations, data life cycle management, AI everywhere, IoT etc. in complex workflows.

The content of this presentation is a synthesis of the EXDCI-2 European project (<https://exdci.eu/about-exdci>) roadmapping and international collaboration (<https://www.exascale.org/bdec/>) efforts.

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