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Planning virtual infrastructures for time critical applications with multiple deadline constraints

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***Highlights (for review)**

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\begin{enumerate}
\item Cloud environments provide virtualised, elastic, and controllable
on-demand services for supporting time critical applications.
\item Existing single deadline based approaches are not sufficient for
time critical applications with multiple deadlines.
\item We propose a multiple deadline workflow planning approach
customizing virtual infrastructures for time critical applications in
clouds.
\item We present the detailed implementation of proposed MEPA algorithm.
\item We assess the performance of proposed algorithm by comparing with
existing IC-PCP.
\end{enumerate}
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