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# Video-on-Demand and Linux

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Video on Demand is an extremely demanding application for today's computers and networks. Session setups and teardowns can happen at alarmingly high rates during peak usage. The Linux operating system provides an ideal platform on which to build VOD systems. The robustness and reliability offered by Linux in general - and specifically Linux with high determinism enhancements - provides an outstanding foundation on which to build highly complex applications that can take advantage of the inherent multithreading capabilities of Linux.

Linux being a "leaner" environment means that programs and the operating system often take up less space on hard drives and require less processing power and less RAM. This means more of the system's resources can be devoted to the heavy lifting of VOD processing, providing the best of both worlds - a powerful VOD system with the reliability and cost-effectiveness to enable business success.

Linux also offers the flexibility of allowing features to be omitted from the running kernel that don't relate to the task in hand.

[Full Story](#) [2].

[Linux](#)

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