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# Using the new mount API with containers

*Tuesday 10 September 2019 17:00 (30 minutes)*

The Linux kernel has recently acquired a new API for creating mounts. This allows a greater range of parameter and parameter values to be specified, including, in the future, container-relevant information such as the namespaces that a mount should use.

Future developments of this API also need to work out how to deal with upcalling from the kernel to gain parameters not directly supplied, such as DNS records, automount configurations or configuration overrides, whilst preventing namespacing violations through the upcall.

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