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| **Alternatives to Docker** | | | | | | |
|  | **LXC** | **Windows Hyper-V** | **rkt** | **Podman** | **runC** | **containerd** |
| **Solution type** | All-in-one | All-in-one | All-in-one | Container engine | Container runtime | Interface/  daemon |
| **Pros** | No daemon. Better for traditional application design. | Higher level of isolation and portability. | Better security. No daemon. Highly interoperable. | More secure.  No daemon. Familiar CLI commands. | Standardized interoperable container runtime. | Easier to manage container lifecycles. |
| **Cons** | Limited portability.  More technical implementation. | Larger infrastructure footprint. Windows only. | Limited set of features.  Project future uncertain. | Container engine only. | Container runtime only. | Container interface only. |
| **Open source** | Yes | No, but compatible with open source | Yes | Yes | Yes | Yes |