# System Requirements - CDP Standard Edition for Linux

The following section lists the system requirements for Linux servers using CDP 4.0 Standard Edition.

Hardware | Linux Distributions | Virtualization | Web Browsers

Hardware

| Hardware | Requirements |
|---|---|
| Linux Kernels | 2.6 |
| Physical Memory | Minimum 1 GB (2 GB+ Recommended) |
| Free Disk Space | Minimum 5 GB (10 GB+ Recommended)<br><br>**Note**<br>Replication and file restore reports are stored in the installation directory. Storage space required depends on how long reporting history is retained and how frequently policies and file restores are run.<br><br>15%+ free space on protected drives is recommended to maintain point-in-time snapshots during replication. |
| Primary Storage Types | Directly Attached Storage<br>Including:<br>IDE, SATA, SCSI, SAS, ISCSI, Fibre Channel,<br>Dynamic Disks (Software RAID), Hardware RAID,<br>Solid State Drives (SSD) |
| File Systems | ReiserFS 3, Ext2, Ext3, Ext4 |
| Virtualization | Citrix XenServer, Xen Source Hypervisor, VMWare, Linux KVM, Parallels Virtuozzo |

| | |
|---|---|
| Disk Safe Locations | Directly Attached Storage, Network Attached Storage<br>Including:<br>IDE, SATA, SCSI, SAS, ISCSI, Fibre Channel,<br>Dynamic Disks (Software RAID), Hardware RAID,<br>Solid State Drives (SSD),<br>USB Drives, FireWire,<br>CIFS, NFS*<br><br>Tips<br>Place your Disk Safe on reliable disk storage.<br>Linux NFS implementations are notorious for bugs. If using NFS on Linux, R1Soft recommends that you use the latest available NFS versions and the latest stable Linux kernels, and that you never export NFS file systems to where you store Disk Safes with the "async" option.<br>We are unable to support FUSE (Filesystem in Userspace) file systems |
| Disk Safe Storage | Minimum 1x Primary Storage* (Recommended 2-4x Primary Storage)<br>*with compression enabled |

Linux Distributions

If a new edition is issued, we support this new release within 90 days. This way, you do not have to update as the OS is released.

The following distributions are supported for 32-bit (x86) and 64-bit (x64):

- RedHat Enterprise
- CentOS
- Ubuntu
- Fedora
- Debian
- Novell SUSE Enterprise Server

- Open SUSE
- Mandriva
- Cloud Linux

Virtualization

| Technology | Physical Server Install | Guest (Virtual Machine) Install |
|---|---|---|
| Citrix XenServer 5,6 | No | Install into guest VMs (domU). |
| Xen Source Hypervisor | No | Install into guest VMs (domU) |
| VMWare ESXi | No | Install into guest VMs |
| VMWare Server | No | Install into guest VMs |
| VMWare Workstation | No | Install into guest VMs |
| Parallels Virtuozzo | Yes<br>Protects all Parallels Virtuozzo Containers with one install | No<br>Cannot be installed into individual Parallels Virtuozzo Containers |
| KVM | No | Install into guest VMs |

Web Browsers

These web browsers can be used to access the web-based interface of the application.

| Browser | Versions |
|---|---|
| Chrome | 11.x |
| Firefox | 5.x, 6.x |
| Internet Explorer | 8, 9 |