

CDP key considerations

<i>CDP architecture</i>	<i>Key features</i>	<i>Key considerations</i>
Desktop and laptop	<ul style="list-style-type: none">• Bandwidth throttling• File-level recoveries• Host agent file-system filter driver• May store data to removable media	<ul style="list-style-type: none">• Need sufficient local storage to keep copy of CDP data• May need to set policies so users can do restores• In various stages of integration with backup software
Network-attached servers	<ul style="list-style-type: none">• Captures changes to DAS, NAS and SAN storage• File- or volume-level recoveries• Host agent file-system filter driver• Utilizes existing corporate network	<ul style="list-style-type: none">• Host may require additional storage for CDP data• May need second Ethernet network for CDP traffic• Not intended for write IO-intensive applications• Primarily designed for Microsoft Windows Server• Write IOs to databases stored on raw volumes not journaled
Fibre Channel (FC) SAN-attached CDP appliances	<ul style="list-style-type: none">• Block-based filter driver• Clustered configurations of multiple CDP appliances• Operating system agnostic• Presents virtualized CDP LUNs to host• Well suited for write IO-intensive applications	<ul style="list-style-type: none">• CDP appliance requires FC SAN connection• Host and FC SAN reconfigurations required• Hosts must be connected to FC SAN• No support for file-level recoveries• Only captures writes to FC SAN-attached storage• Requires FC storage dedicated to CDP appliance