iSCSIã•§PCã•®å¼•ã•£è¶Šã•—æº–å‚™

Category : ã,µãƒ¼ãƒ•ç®¡ç•†æ—¥è¨˜
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å•‹äºçµŒç"±ã•§æ–°PCã,'è³¼å…¥ã•—ã•Ÿã€,
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â– Sambaã•®ãƒ•ã,¡ã,¤ãƒ«å…±æœ‰é ˜åŸŸã•«ã,³ãƒ"ãƒ¼ã•™ã,‹
â– DVD-Rã•§ç„¼ã••å‡ºã•™
â– SDã,«ãƒ¼ãƒ‰ã•«ã,³ãƒ"ãƒ¼ã•™ã,‹

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iSCSIã•®åˆ©ç"¨ã•§ã•,ã,‹ã€,

iSCSIã•¯IPã,¹ãƒˆãƒ¬ãƒ¼ã,¸æŠ€è¡"ã•®ä¸€ç¨®ã•§ã€•SCSIãƒ—ãƒ-ãƒˆã,³ãƒ«ã,'TCP/IPä¸Šã•§ä½¿ç"¨ã•™ã,‹è¦•æ ¼ã€,é«˜ä¾¡ã•ªãƒ•ã,¡ã,¤ãƒ•ãƒ•ãƒ£ãƒ•ãƒ«ã•§ã•¯ã•ªã••ã€•ã,®ã,¬ãƒ"ãƒƒãƒˆã,¤ãƒ¼ã,µãƒ•ãƒƒãƒˆç-‰ã€•å»‰ä¾¡ã•§æ•°ã,,å‡ºå›žã•£ã•¦ã•„ã,‹ãƒ•ãƒƒãƒˆãƒ¯ãƒ¼ã,¯æ©Ÿå™¨ã,'ä½¿ç"¨ã•—ã•¦SANï¼ˆStorage Area Networkï¼‰ã,'æ§‹ç¯‰ã•§ã••ã,‹ã€,

ä»Šå›žã•¯ãƒ‡ã,£ã,¹ã,¯ãƒªã,½ãƒ¼ã,¹ã•Œè±Šå¯Œã•ªAegis.mythril.ne.jpä¸Šã•«ã,¤ãƒ¡ãƒ¼ã,¸ãƒ•ã,¡ã,¤ãƒ«ã,'ä½œæˆ•ã€•ã••ã,Œã,'iSCSIã•§PCã•‹ã,‰èª-ã•¿ã•«è¡Œã••ã€,

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ã€€ï¼'ï¼Žiscsitargetã•®ã,µã,¤ãƒˆã•‹ã,‰æœ€æ–°ã•®tarãƒœãƒ¼ãƒ«ã,'å…¥æ‰‹ã€,

ã€€ï¼"ï¼Žã€Œrpmbuild -ta iscsitarget-1.4.20.2.tar.gzã€•ã•§rpmãƒ'ãƒƒã,±ãƒ¼ã,¸ã,'ä½œæˆ•ã€,

ã€€ï¼"ï¼Žä½œæˆ•ã••ã,Œã•Ÿã€Œiscsitargetã€•ã•¨ã€Œkmod-iscsitargetã€•ã,'ã,¤ãƒ³ã,¹ãƒˆãƒ¼ãƒ«ã€
,

ã€€ï¼"ï¼Žã€Œ/etc/iet/ietd.confã€•ã,'ç·¨é›†ã€,ä»¥ä¸‹ã,'è¿½è¨˜ã•—ã•Ÿã• ã•'ã€,
ã€€ã€€ã€€Target iqn.2011-05.jp.ne.mythril.iscsi:storage.backup.disk1
ã€€ã€€ã€€ Lun 0 Path=/path/to/iscsi01.img,Type=fileio
ã€€ã€€ã€€ MaxConnections 1

ã€€ï¼•ï¼Žã,¿ãƒ¼ã,²ãƒƒãƒˆãƒ•ã,¡ã,¤ãƒ«ã,¤ãƒ¡ãƒ¼ã,¸ã,'ä½œæˆ•ã€,å®¹é‡•ã•¯10GBã•«ã•—ã•Ÿã€,ã•"ã,Œã•¯ä»®æƒ³ã,µãƒ¼ãƒ•ã•®HDDã,¤ãƒ¡ãƒ¼ã,¸ä½œæˆ•ã•¨å•Œä¸€æ‰‹é †ã€,
ã€€ã€€ã€€dd if=/dev/zero of=/path/to/iscsi01.img bs=10M count=1024

ã€€ï¼–ï¼Žiscsitargetã,µãƒ¼ãƒ“ã,¹ã,'é–‹å§‹ã€•chkconfigã•§èµ·å‹•æ™‚,ã,ªãƒ³ã,'æŽ›ã•'ã,‹ã€,

ã€€ï¼—ï¼Žä½¿ç"¨ã•™ã,‹TCPãƒ•ãƒ¼ãƒˆã,'iptablesã•§ã,ªãƒ¼ãƒ—ãƒ³ã•«ã•™ã,‹ã€,ä»Šå›žã•¯ãƒ‡ãƒ•ã,©ãƒ«ãƒˆã•®3260/tcpã,'ä½¿ç"¨ã€,

ã€•ï¼'ã€'PCå•´ã•®æº–å‚™

ã€€Let's note CF-W5ã•¯XPæ©Ÿã•ªã•®ã•§ã€•OSæ¨™æº–ã•§ã•¯iSCSIã•«ã•¯å¯¾å¿œã•—ã•¦ã•„ã•ªã•„ã€,Vistaä»¥é™•ã•¯æ¨™æº–ã•§å¯¾å¿œã€,

ã€€ï¼"ï¼ŽMicrosoftã,µã,¤ãƒˆã•‹ã,‰iSCSI Software Initiatorã,'ãƒ€ã,¦ãƒ³ãƒ-ãƒ¼ãƒ‰ã•—ã€•ã,¤ãƒ³ã,¹ãƒˆãƒ¼ãƒ«ã€,

ã€€ï¼"ï¼ŽiSCSI Inititatorã,'èµ·å‹•ã€•ã€ŒDiscoveryã€•ã,¿ãƒ–ã•§ã,¿ãƒ¼ã,²ãƒƒãƒˆãƒ•ã,¡ã,¤ãƒ«ã•®ã•,ã,‹ã,µãƒ¼ãƒ•ã•®IPã,¢ãƒ‰ãƒ¬ã,¹ã•¨TCPãƒ•ãƒ¼ãƒˆã,'æŒ‡å®šã•™ã,‹ã€,

ã€€ï¼"ï¼ŽTargetsã,¿ãƒ–ã•§ã,¿ãƒ¼ã,²ãƒƒãƒˆé ˆåŸŸã•Œç•¾ã,Œã€•ã,ªãƒ¼ãƒˆãƒ-ã,°ã,ªãƒ³è¨-å®šã•«ã•™ã,Œã•°OKã€,

ã€€ã•"ã,Œã•§XPä¸Šã•§ã•¯ã€Œæœªãƒ•ã,©ãƒ¼ãƒžãƒƒãƒˆã•®HDDã€•æ‰±ã•„ã•§è¦‹ã•ˆã,‹ã,ˆã•†ã•«ã•ªã,‹ã•®ã•§ã€•ã,ã•¨ã•¯ã•ã,©ãƒ¼ãƒžãƒƒãƒˆã•—ã•¦é•©å½"ã•ªãƒ‰ãƒ©ã,¤ãƒ–ãƒ¬ã,¿ãƒ¼ã•§ãƒžã,¦ãƒ³ãƒˆã•™ã,Œã•°ã,ˆã•„ã€,ä»Šå›žã•¯Xãƒ‰ãƒ©ã,¤ãƒ–ã•«ã•—ã•Ÿã€,

ã€€iSCSIã•¯å…±æœ‰ã,µãƒ¼ãƒ•ã•¨ã•—ã•¦ã•§ã•¯ã•ªã••ã€•SCSIãƒ‡ã,£ã,¹ã,¯ã•¨å•Œã•˜ã•§PCã•«ç›´ç µ•ã••ã,Œã•ŸHDDã•¨ã•—ã•¦è¦‹ã•ˆã,‹ã€,ã••ã•®ã•Ÿã,•ã€•ãƒ•ãƒƒãƒˆãƒ¯ãƒ¼ã,¯ä¸Šã•«ã•,ã,Šã•ªã•Œã,‰PCä¸Šã•‹ã,‰ã•¯å†…è"µHDD/å¤–ä»˜ã•'HDDã•®ã,ˆã•†ã•«æ‰±ã•ˆã€•é•žå¸¸ã•«é•¢ç™½ã•„ã€,ã•"ã•"ã•«å¼•ã•£è¶Šã•—ãƒ•ã,¡ã,¤ãƒ«ã,'æ ¼ç´•ã•—ã€•æ–°PCï¼ˆWindows7æ©Ÿï¼‰ã•‹ã,‰iSCSIæŽ¥ç¶šã,'ã•™ã,Œã•°å¼•ã•£è¶Šã•—å®Œäº†ã•§ã•,ã,‹ã€,

ã€€ã,¿ãƒ¼ã,²ãƒƒãƒˆã•¯ã,¤ãƒ¡ãƒ¼ã,¸ãƒ•ã,¡ã,¤ãƒ«ã•§ã•ªã••ã€•ãƒ'ãƒ¼ãƒ†ã,£ã,·ãƒ§ãƒ³ã•§ã„è‰¯ã•„ã••ã•†ã• ã•Œã€•ãƒ•ãƒ³ãƒ‰ãƒªãƒ³ã,°ã•¯æ˜Žã,‰ã•‹ã•«ã,¤ãƒ¡ãƒ¼ã,¸ãƒ•ã,¡ã,¤ãƒ«ã•®æ–¹ã•Œæ¥½ã€,CF-W5ã•®IEEE802.11gæŽ¥ç¶šã•§ã„ç‰¹ã•«æŽ¥ç¶šé€Ÿåº¦ã•«ä¸•æº€ã•¯ã•ªã•„ã•Œã€•æ–°PCã•¯IEEE802.11næŽ¥ç¶šã•ªã•®ã•§ã€•å¼•ã•£è¶Šã•—å¾Œã•¯ãƒ'ãƒ•ã,©ãƒ¼ãƒžãƒ³ã,¹å•'ä¸Šã„è¦‹è¾¼ã•ã,‹ã€,

ã€€ã•¾ã•Ÿã€•ã,ªãƒ¼ãƒ•ãƒ¼ãƒ˜ãƒƒãƒ‰ã•¨é€šä¿¡é€Ÿåº¦ã•‹ã,‰ãƒ'ãƒ•ã,©ãƒ¼ãƒžãƒ³ã,¹ã•¯ã••ã,Œã•ªã,Šã•ªã„ã•®ã•®ã€•WiMAXï¼‹OpenVPNã•§ã•®ãƒªãƒ¢ãƒ¼ãƒˆæŽ¥ç¶šä¸-ã•«ã„iSCSIãƒ‡ã,£ã,¹ã,¯ã,'åˆ©ç"¨å•¯è½ã€,