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# HPE Common Internet File System (CIFS) Server Release Notes

Version: A.03.02.05 for HP-UX 11i v2

Part Number: 834956-002a  
Published: January 2016  
Edition: 3

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**Acknowledgements**

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# HPE secure development lifecycle

Starting with HP-UX 11i v3 March 2013 update release, HPE secure development lifecycle provides the ability to authenticate HP-UX software. Software delivered through this release is digitally signed using HPE's private key. You can now verify the authenticity of the software, before installing the products, delivered through this release.

To verify the software signatures in signed depot, the following products must be installed on your system:

- B.11.31.1303 or later of SD (Software Distributor)
- A.01.02.00 or later of HP-UX Whitelisting (`WhiteListInf`)

To verify the signatures, run: `/usr/sbin/swsign -v -s <depot_path>`

For more information, see Software distributor documentation at <http://www.hpe.com/info/sd-docs>.

**NOTE:** Ignite-UX software delivered with HP-UX 11i v3 March 2014 release or later supports verification of the software signatures in signed depot or media, during cold installation. For more information, see Ignite-UX documentation at <http://www.hpe.com/info/ignite-ux-docs>.

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# 1 HPE Common Internet File System (CIFS) Server version A.03.02.05 release notes

## Announcement

This document describes about HPE Common Internet File System or referred as CIFS, server version A.03.02.05, its changes, defect fixes, and other related information. Common Internet File System (CIFS) Server A.03.02.05 is supported on HP-UX 11i v2.

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**NOTE:** The latest CIFS-SERVER version for HP-UX 11i v3 is A.03.02.04.

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## Product revision number

New versions of HPE Common Internet File System (CIFS) Server are identified by the product revision number (**A.xx.xx.FF**), and is either a feature or fix release.

Feature releases include new functionality or new Samba source version. The base product revision number (**A.xx.xx**) is increased from the previous version number. A fix suffix number is not used.

Fix releases include only those changes required to correct specific defects. The base product revision number (**A.xx.xx**) is unchanged. Only the fix suffix number (**A.xx.xx.FF**) is increased.

## Additional feature support

Starting from A.03.01.xx, HPE Common Internet File System (CIFS) Server also supports:

- Windows® Server 2008 R2 and Windows® 7 operating systems.
- Inter domain trust relationships with Windows® 2008 and 2008 R2 domains.
- Windows® Vista clients authenticating through Kerberos.
- The Dynamic DNS update option is available in Common Internet File System (CIFS) Server A.02.04.01 and later.

The new Common Internet File System (CIFS) Server A.03.02.00 release supports the following features:

- **Full support for SMB2**  
SMB2 within Samba is implemented with a brand new asynchronous server architecture, allowing Samba to display the performance enhancements SMB2 brings to Microsoft networking technology.
- **Improved Printing Support**  
Print subsystem is rewritten to use automatically generated RPCs and provides greater compatibility with the Windows® SPOOLSS print subsystem architecture, including export of printer data via registry interfaces.
- **Simplified Identity Mapping**  
For this release, ID mapping is rewritten yet again with the goal of making the configuration simpler and more coherent while keeping the needed flexibility and even adding to the flexibility in some respects.
- **Caching of user credentials by Winbind**  
Winbind allows to logon using cached credentials.

## 2 Installation and patch requirements for HPE Common Internet File System (CIFS) Server A.03.02.05

### Operating system requirements

HPE Common Internet File System (CIFS) Server A.03.02.05 can be installed on HPE 9000 or HPE Integrity systems running HP-UX 11i v2.

### HPE Common Internet File System (CIFS) Server installation requirements

HPE Common Internet File System (CIFS) Server requires approximately 210 MB of disk space for installation on an HP-UX 11i v2 system.

Common Internet File System (CIFS) Server source code files requires approximately 36 MB of disk space.

### HP-UX memory and disk requirements

The minimum requirements of 64-bit HP-UX 11i v2 systems is 1 GB RAM and 2 GB disk space.

Hewlett Packard Enterprise recommends the following minimum memory and disk requirements to enable upgrade and maintenance:

— HP-UX 11i v2 64-bit – 1 GB RAM for each CPU – 2 to 8.5 GB of disk space.

### Kerberos product requirements

Kerberos v5 Client version E 1.6.2 or later is required to support HPE Common Internet File System (CIFS) Server integration with Windows® 2003 or later ADS Domain Controller (DC) on HP-UX 11i v2 systems.

You can download the Kerberos v5 Client (KRB5CLIENT) product from the Software Depot website: <http://www.hpe.com/support/softwaredepot>.

In the search field, enter KRB5CLIENT.

### smb.conf parameters

Parameter Name	Description	Default
async smb echo handler	New	No
client use spnego principal	New	No
ctdb locktime warn threshold	New	0
kerberos method	New	secrets only
map untrusted to domain	New	No
debug class	New	No
client ldap sasl wrapping	New	plain
cups connection timeout	New	30
ldap ssl ads	New	No
ldap connection timeout	New	2
log writeable files on exit	New	No
multicast dns register	New	Yes

Parameter Name	Description	Default
ncalrpc dir	New	
send spnego principal	New	No
smb2 max credits	New	128
smb2 max read	New	1048576
smb2 max trans	New	1048576
smb2 max write	New	1048576
state directory	New	/var/opt/samba/locks
cache directory	New	/var/opt/samba/locks
registry shares	New	No
winbind reconnect delay	New	30
winbind expand groups	New	1
winbind rpc only	New	No
access based share enum	New	No
dedicated keytab file	New	
smb encrypt	New	No
clustering	New	No
cluster addresses	New	
ctdbd socket	New	Yes
idmap config * : range	New	10000-80000
idmap config * : backend	New	
ldap deref	New	auto
ldap follow referral	New	auto
nmbd bind explicit broadcast	New	No
username map cache time	New	0
winbind max clients	New	200
create krb5 conf	New	Yes
ctdb timeout	New	0
cups encryp	New	No
client ntlmv2 auth	Changed default	
debug hires timestamp	Changed default	Yes
passdb backend	Changed default	tdbsam
lanman auth	Changed default	No
client lanman auth	Changed default	No
client plaintext auth	Changed default	No
max open files	Changed default	1024

Parameter Name	Description	Default
max stat cache size	Changed default	256
preferred master	Changed default	No
idmap backend	Changed default	tdb
idmap cache time	Changed default	604800
wide links	Changed default	No
ldap ssl	Modified	start tls
allocation roundup size	Modified	1048576
kernel oplocks	Modified	Yes
idmap alloc backend	Removed	
use kerberos keytab	Removed	
read bmpx	Removed	
mangled map	Removed	
kernel share modes	Removed	



### 3 What is new in HPE Common Internet File System (CIFS) Server A.03.02.05

HPE Common Internet File System (CIFS) Server A.03.02.05 is a defect fix release based on Samba 3.6.6. For more information on defects fixed in this release, see [“Defect fixes in HPE Common Internet File System \(CIFS\) Server” \(page 10\)](#).

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**Δ CAUTION:** HPE supports only HPE Common Internet File System (CIFS) Server binaries delivered by Hewlett Packard Enterprise.

You must use `swinstall` utility to formally install versions of Common Internet File System (CIFS) Server.

Do not copy Common Internet File System (CIFS) Server binaries of different revisions between systems into the `/opt/samba/bin` sub-directory.

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**NOTE:**

1. HPE Common Internet File System (CIFS) Server product is no longer tested on Windows® 2000 operating system from version A.03.01.04 onwards.
  2. Starting from version A.03.01.xx, Common Internet File System (CIFS) Server does not provide support for **CFSM**.
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## 4 Defect fixes in HPE Common Internet File System (CIFS) Server

This chapter describes in detail about various defects fixed in each release and the enhancements. The following defects are fixed in various versions of HPE Common Internet File System (CIFS) Server release.

### Defects fixed in A.03.02.05 release

Table 1 (page 10) lists the defects fixed in A.03.02.05 release.

**Table 1 Defects fixed in version A.03.02.05**

Defect ID	Details
QXCR1001268034	<b>Title:</b> SMB status reports <code>sessionid.tdb</code> and <code>connections.tdb</code> files not initialized. <b>Severity:</b> Serious <b>Problem and details:</b> This problem is identified and rectified. <b>Resolution:</b> This issue is fixed in this release.
QXCR1001378625	<b>Title:</b> Cannot delete Microsoft Office files when using <b>SMB 2.0</b> . <b>Severity:</b> Critical <b>Problem and details:</b> This problem is identified and rectified. <b>Resolution:</b> This issue is fixed in this release.
QXCR1001403462	<b>Title:</b> <i>Samba CVE-2015-0240</i> : Unexpected code execution in <code>smbd</code> <b>Severity:</b> Critical <b>Problem and details:</b> <i>Samba</i> : <code>talloc_free</code> on uninitialized stack pointer in <code>netlogon</code> server at times leads to remote-code execution. This problem is identified and rectified. <b>Resolution:</b> This issue is fixed in this release.

### Defects fixed in A.03.02.02 release

Table 2 (page 10) lists the defect fixed in A.03.02.02 release.

**Table 2 Defects fixed in version A.03.02.02**

Identifier	Description
QXCR1001329668	<b>Title:</b> Security issues CVE-2013-4124, CVE-2012-6150, and CVE-2013-4408 for 11.23 <b>Severity:</b> Serious <b>Problem and details:</b> This problem is identified and rectified. <b>Resolution:</b> This issue is fixed in this release.
QXCR1001330725	<b>Title:</b> CIFS Server A.03.01.05 has been compiled without MPAS support <b>Severity:</b> Serious <b>Problem and details:</b> This problem is identified and rectified. <b>Resolution:</b> This issue is fixed in this release.

### Defects fixed in A.03.02.01 release

Table 3 (page 11) lists the defects fixed in A.03.02.01 release.

**Table 3 Defects fixed in version A.03.02.01**

Identifier	Description
QXCR1001307037	<p><b>Title:</b> Function <code>read_nttrans_ea_list</code> in <code>nttrans.c</code> is broken.</p> <p><b>Severity:</b> Serious</p> <p><b>Problem and details:</b> This problem is identified and rectified.</p> <p><b>Resolution:</b> This issue is fixed in this release.</p>
QXCR1001265330	<p><b>Title:</b> HPE Common Internet File System (CIFS) Server A.03.01.05 is compiled without MPAS support.</p> <p><b>Severity:</b> Medium</p> <p><b>Problem and details:</b> This problem is identified and rectified.</p> <p><b>Resolution:</b> This issue is fixed in this release.</p>

## Defects fixed in A.03.02.00 release

Table 4 (page 11) lists the defect fixed in A.03.02.00 release.

**Table 4 Defects fixed in version A.03.02.00**

Identifier	Description
QXCR1001245976	<p><b>Title:</b> Porting of new version of HPE Common Internet File System (CIFS) Server A.03.02.00 based open source samba-3.6.6</p> <p><b>Severity:</b> Critical</p> <p><b>Problem and details:</b> This problem is identified and rectified.</p> <p><b>Resolution:</b> This issue is fixed in this release.</p>

## Defects fixed in A.03.01.05 release

Table 5 (page 11) lists the defects fixed in A.03.01.05 release.

**Table 5 Defects fixed in version A.03.01.05**

Identifier	Description
QXCR1001210853	<p><b>Title:</b> Request for investigation into CVE-2012-1182</p> <p><b>Severity:</b> Critical</p> <p><b>Problem and details:</b> HPE Common Internet File System (CIFS) Server may allow execution of unauthorized code. This problem is identified and rectified.</p> <p><b>Resolution:</b> This issue is fixed in this release.</p>
QXCR1001214528	<p><b>Title:</b> Investigating CVE-2012-2111</p> <p><b>Severity:</b> Critical</p> <p><b>Problem and details:</b> Common Internet File System (CIFS) Server may allow unauthorized operation. This problem is identified and rectified.</p> <p><b>Resolution:</b> This issue is fixed in this release.</p>

## Defects fixed in A.03.01.04 release

Table 6 (page 11) lists the defects fixed in A.03.01.04 release.

**Table 6 Defects fixed in version A.03.01.04**

Identifier	Description
QXCR1001169255	<p><b>Title:</b> Is HPE Common Internet File System (CIFS) Server vulnerable to CVE-2011-2522</p>

**Table 6 Defects fixed in version A.03.01.04 (continued)**

Identifier	Description
	<p><b>Severity:</b> Serious</p> <p><b>Problem and details:</b> Under certain conditions, Common Internet File System (CIFS) Server <b>Samba Web Administration Tool (SWAT)</b> may allow unauthorized access. This problem is identified and rectified.</p> <p><b>Resolution:</b> This issue is fixed in this release.</p>
QXCR1001056133	<p><b>Title:</b> <i>Common Internet File System (CIFS) Server A.02.04:</i> Cannot set Read-Only attribute due to no "info_level" check</p> <p><b>Severity:</b> Medium</p> <p><b>Problem and details:</b> Starting with Common Internet File System (CIFS) Server version A.02.04 onwards, the "info level" check is removed. Due to this, the HP-UX file permissions cannot be modified to reflect the Windows® read-only attributes. This problem is identified and rectified.</p> <p><b>Resolution:</b> This issue is fixed in this release.</p>
QXCR1001121562	<p><b>Title:</b> Common Internet File System (CIFS) Server A.02.04.02 has bad default for "winbind nested groups"</p> <p><b>Severity:</b> Medium</p> <p><b>Problem and details:</b> Common Internet File System (CIFS) Server does not support winbind nested groups and this is documented in <i>Common Internet File System (CIFS) Server administrators guide</i>. Starting with Common Internet File System (CIFS) Server version A.02.04.xx onwards, the default value for winbind nested groups is changed from no to yes. The new default value of yes causes error messages similar to the following to be written to the debug logs: [2011/11/24 18:19:41, 0] auth/auth_util.c:create_built_in_users(810) create_built_in_users: Failed to create Users [2011/11/24 18:19:41, 2] auth/auth_util.c:create_local_nt_token(993) create_local_nt_token: Failed to create BUILTIN\Users group! This problem is identified and rectified.</p> <p><b>Resolution:</b> This issue is fixed in this release.</p>

## Defects fixed in A.03.01.03 release

Table 7 (page 12) lists the defects fixed in A.03.01.03 release.

**Table 7 Defects fixed in version A.03.01.03**

Identifier	Description
QXCR1001105154	<p><b>Title:</b> <code>samba_setup</code> creates <code>krb5.conf</code> file that does not work to join a Windows® 2008 R2 domain</p> <p><b>Severity:</b> Serious</p> <p><b>Problem and details:</b> When a <code>samba_setup</code> script is executed, it creates a <code>krb5.conf</code> file. This <code>krb5.conf</code> file does not work in the joining process on Windows® 2008 R2 domain. This problem is identified and rectified.</p> <p><b>Resolution:</b> This issue is fixed in this release.</p>
QXCR1001106350	<p><b>Title:</b> keytab made with "<code>net ads keytab create</code>" does not work with Windows® 2008 R2 domain</p> <p><b>Severity:</b> Serious</p> <p><b>Problem and details:</b> The keytab file made with the <code>net ads keytab create</code> command does not work with a Windows® 2008 R2 domain. This problem is identified and rectified.</p> <p><b>Resolution:</b> This issue is fixed in this release.</p>

**Table 7 Defects fixed in version A.03.01.03 (continued)**

Identifier	Description
<p><b>QXCR100115194</b></p>	<p><b>Title:</b> Common Internet File System (CIFS) Server cannot join domain/function without use <code>mmap = no</code></p> <p><b>Severity:</b> Critical</p> <p><b>Problem and details:</b> Common Internet File System (CIFS) Server version A.03.01.xx on HP-UX 11i v2 systems cannot join the domain and the system crashes, because the default value of <code>mmap</code> is set as <code>yes</code>. In the current release, the default value of <code>mmap</code> is set to <code>no</code> and this enables Common Internet File System (CIFS) Server to join the domain. This problem is identified and rectified.</p> <p><b>Resolution:</b> This issue is fixed in this release.</p>
<p><b>QXCR1001136258</b></p>	<p><b>Title:</b> some <code>tdb</code> debug statements are incorrectly set to level 0, and cannot be removed</p> <p><b>Severity:</b> Medium</p> <p><b>Problem and details:</b> Some of the <code>tdb</code> debug statements are set incorrectly to level 0 and cannot be removed from the log file. The <code>tdb</code> debug statements are hard coded to level 5, because of an error in the macro, it sets level 0 as the default debug level. This problem is identified and rectified.</p> <p><b>Resolution:</b> This issue is fixed in this release.</p>
<p><b>QXCR1001136304</b></p>	<p><b>Title:</b> Should not ship Manpages for functionality we do not support</p> <p><b>Severity:</b> Low</p> <p><b>Problem and details:</b> Common Internet File System (CIFS) Server does not support the auditing function. Hence, the Manpages related to auditing function must not be shipped with the product. The following Manpages are removed from the product:</p> <ul style="list-style-type: none"> <li>• <code>vfs_audit.8</code></li> <li>• <code>vfs_extd_audit.8</code></li> <li>• <code>fs_full_audit.8</code></li> <li>• <code>vfs_netatalk.8</code></li> <li>• <code>vfs_shadow_copy.8</code></li> <li>• <code>vfs_shadow_copy2.8</code></li> <li>• <code>winbind_krb5_locator.7</code></li> </ul> <p><b>NOTE:</b> The auditing Manpages, other functionality Manpages that are not supported by HPE Common Internet File System (CIFS) Server are also removed.</p> <p>This problem is identified and rectified.</p> <p><b>Resolution:</b> This issue is fixed in this release.</p>
<p><b>QXCR100115123</b></p>	<p><b>Title:</b> <code>automount nfs</code> shares cause bad <code>dns</code> searches when <code>quotas = yes</code></p> <p><b>Severity:</b> Serious</p> <p><b>Problem and details:</b> If a Common Internet File System (CIFS) Server share is used as a mount point for both <code>nfs</code> and <code>autofs</code>, the DNS lookup incorrectly takes the <code>autofs</code> map file as a hostname. This problem is identified and rectified.</p> <p><b>Resolution:</b> This issue is fixed in this release.</p>
<p><b>QXCR100115887</b></p>	<p><b>Title:</b> A.03.01.01 <code>smb.conf</code> Manpage missing significant parameters</p> <p><b>Severity:</b> Critical</p> <p><b>Problem and details:</b> Significant parameters are missing from Common Internet File System (CIFS) Server A.03.01.xx <code>smb.conf</code> Manpage. This problem is identified and rectified.</p>

**Table 7 Defects fixed in version A.03.01.03 (continued)**

Identifier	Description
	<b>Resolution:</b> This issue is fixed in this release.
QXCR1001157707	<p><b>Title:</b> <code>smb.conf</code> examples are unclear in <i>Common Internet File System (CIFS) server administrator guide</i></p> <p><b>Severity:</b> Serious</p> <p><b>Problem and details:</b> In <i>Common Internet File System (CIFS) server administrator guide</i>, the <code>smb.conf</code> examples are not listed correctly. <i>Common Internet File System (CIFS) server administrator guide</i> versions A.02.04.04 and A.03.01.03 are updated with the correct <code>smb.conf</code> examples. This problem is identified and rectified.</p> <p><b>Resolution:</b> This issue is fixed in this release.</p>

## Defects fixed in A.03.01.02 release

Table 8 (page 14) lists the defects fixed in A.03.01.02 release.

**Table 8 Defects fixed in version A.03.01.02**

Identifier	Description
QXCR1001127608	<p><b>Title:</b> IC364 <code>CIFS-Server.CIFS-RUN</code> preinstall script outputs debug message</p> <p><b>Severity:</b> Serious</p> <p><b>Problem and details:</b> When the configure script is executed for the <code>CIFS.Server.CIFS-RUN</code> fileset, HPE Common Internet File System (CIFS) Server displays a warning message regarding <code>krb5client.KRB5-SHLIB-A</code>. This problem is identified and rectified.</p> <p><b>Resolution:</b> This issue is fixed in this release.</p>
QXCR1001132817	<p><b>Title:</b> Cannot install A.03.01.01 over A.03.01a without modifying options in <code>swinstall</code></p> <p><b>Severity:</b> Serious</p> <p><b>Problem and details:</b> The <code>CIFS-Server.CIFS-RUN</code> preinstall script displays a debug message. This problem is identified and rectified.</p> <p><b>Resolution:</b> This issue is fixed in this release.</p>

## Defects fixed in A.03.01.01 release

Table 9 (page 14) lists the defects fixed in A.03.01.01 release.

**Table 9 Defects fixed in version A.03.01.01**

Identifier	Description
QXCR1001073357	<p><b>Title:</b> Investigate whether HPE Common Internet File System (CIFS) Server is vulnerable to CVE-2010-3069</p> <p><b>Severity:</b> Serious</p> <p><b>Problem and details:</b> Common Internet File System (CIFS) Server may get affected by a buffer overrun vulnerability. This problem is identified and rectified.</p> <p><b>Resolution:</b> This issue is fixed in this release.</p>
QXCR1001115204	<p><b>Title:</b> Is Common Internet File System (CIFS) Server vulnerable to CVE 2011-0719</p> <p><b>Severity:</b> Serious</p>

**Table 9 Defects fixed in version A.03.01.01 (continued)**

Identifier	Description
	<p><b>Problem and details:</b> Common Internet File System (CIFS) Server may get affected by a denial of service caused by memory corruption. This problem is identified and rectified.</p> <p><b>Resolution:</b> This issue is fixed in this release.</p>

# 5 Known problems, issues, limitations, and workaround

This chapter explains in detail about various problems, issues, limitations, and their workarounds for HPE Common Internet File System (CIFS) Server version A.03.02.05 across many releases.

- **Issue**

**QXCR1001322105**

**Title:** `use mmap = yes` causes A.03.02 Common Internet File System (CIFS) Server to abort on start of PA-RISC 11.31.

**Severity:** Serious

**Details:** `mmap` option `use mmap = yes` in `smb.conf` file, causes A.03.02.xx Common Internet File System (CIFS) Server on 11.31 PA-RISC machines, to be aborted upon starting.

## Workaround

Set `use mmap = no` in `smb.conf` file, but this may reduce performance.

- **Issue**

If you run the command `smbstatus`, the following error is displayed:

```
# smbstatus -d0
sessionid.tdb not initialised
This is normal behaviour if an SMB client has never connected
to your server.
connections.tdb not initialised
```

## Workaround

No workaround exists.

- **Issue**

If you run `winbind` on a system with multiple trusted domains and then attempt to do `setacluser:DOMAINNAME\\username:rw /tmp/fishlips`, it displays the following error message:

```
unknown user-id "DOMAINNAME\\username"
This is a timing issue that can happen when the system is under load. This is
because idmap lookup winbind process gets spawned before the parent process
is finished registering all the trusted domains.
```

## Workaround

Open a duplicate window and run `id domain\\username`.

- **Issue**

**QXCR1001254022**

**Title:** `tdb_mmap` failed for size `xxxxxxx` (Not enough space) on 11.31

**Severity:** Serious

**Details:** During normal operation of Common Internet File System (CIFS) Server A.03.02.00 and A.03.01.05 on HP-UX 11i v3, the following message is seen in logs in various sizes and in different `tdb` files on HP-UX 11i v3 systems.



tdb\_mmap failed for size xxxxxx (Not enough space)

There is no impact on product behavior and performance.

## Workaround

Use `mmap = no`, but this may reduce performance.

- **Issue**

An existing **POSIX** machine account must already exist before you add the corresponding Samba machine account and `sambaSamAccount` information required for Common Internet File System (CIFS) Server machine account authentication. You can use the `useradd` command to add **POSIX** machine account with \$ at the end to the `/etc/passwd` file for Common Internet File System (CIFS) Server to recognize it as a machine account. If **POSIX** machine account does not exist, running the `pwck` command displays the following error message:

```
1 Bad character(s) in logname
```

## Workaround

No workaround exists.

- **Issue**

When you upgrade from A.03.01a to A.03.01.01 or later versions, the `swinstall` command fails with the following message:

```
A later revision (one with a higher revision number) of
fileset
```

```
| fileset "CIFS-Development.CIFS-PRG,r=A.03.01.01" has already
| been installed.
| Either remove this fileset or change the "allow_downdate"
| option to "true".
| * Reading source for file information.
| * Executing preDSA command.
| NOTE: Could not install the bundle "B8725AA,r=A.03.01.01" because
| none of its filesets could be installed.
```

## Workaround

To install a later version, override the previous version by checking the following options in the options tab of the `swinstall` command:

```
[ ] Reinstall filesets even if same revision exists
[ ] Reinstall files even if same one already there
[ ] Allow installation of lower version than current
```

- **Issue**

### **QXCR1001258828**

**Title:** `wbinfo` fails in a trusted domain having large number of users and groups

**Severity:** Low

**Details:** `wbinfo` command fails sometimes when a large number of users or groups (~32k users or groups) are in a trusted domain.

## Workaround

No known workaround exists.

- ### Issue

If the `libnss_wins` NSS library is used, then the `sh_load()` error message is returned.

## Workaround

The `libnss_wins` NSS library is not tested. Therefore, it must not be used. The library will be removed in the future versions of the product.

- ### Issue

A non-root user running `smbstatus` might receive the following errors when Common Internet File System (CIFS) Server is not started and `tdb` files are not initialized:

```
could not open file /var/opt/samba/locks/sessionid.tdb: No such files or directory
```

```
Error: Failed to initialize locking database
```

## Workaround

The current version of `smbstatus` does not allow a normal user to initialize `tdb` files. A normal user must perform `smbstatus` after Common Internet File System (CIFS) Server is started by root, or `tdb` files are initialized.

- ### Issue

Changing the password stored in the `smbpasswd` file from a Windows® XP™ machine without the sign-and-seal patch fails and corrupts the password of the user.

## Workaround

The administrator must reset the password.

- ### Issue

When you use terminal server clients to access to shares on a Common Internet File System (CIFS) Server, all of the clients from that terminal server connect over a single virtual connection and are serviced by a single **SMBD** process on Common Internet File System (CIFS) Server. These actions might lead to a number of issues, including too many files open by a process, too many locks, and performance degradation for the clients, since the clients share a single **SMBD** process.

## Workaround

For the Windows® NT™, you can set a registry parameter, `MultipleUsersOnConnection`, to 1, which forces each terminal server client to negotiate its own connection, so that each client receives a separate **SMBD** process. For the Windows® 2000 terminal services, Microsoft provides a `hotfix`, Q818528. You can apply this `hotfix`, and then set the following values:

Subkey:  
HKEY\_LOCAL\_MACHINE\SYSTEM\CurrentControlSet\Services\MRxSmb\Parameters  
Type:REG\_DWORD  
Entry: MultiUserEnabled  
Value: 1

---

**NOTE:** Do not install the Q818528 hotfix on a system running Windows® 2003. This hotfix only applies to Windows® 2000.

---

For more information, see the Microsoft Q818528 article: <http://support.microsoft.com/>.

- **Issue**

The The file may have been changed error message appears when you save an Excel file to Samba. The error message also provides choices to either save a copy or overwrite changes.

### Workaround

When prompted, select `overwrite changes` otherwise the file must be saved under a different name.

To avoid this error, change the registry as described in the Microsoft knowledge base article at: <http://support.microsoft.com/default.aspx?kbid=324491>.

The Samba community also addressed the issue and has further characterized it on Bugzilla<sup>SM</sup> webpage at: [https://bugzilla.samba.org/show\\_bug.cgi?id=1094](https://bugzilla.samba.org/show_bug.cgi?id=1094).

- **Issue**

Because of increased Windows® security requirements, profile storing might fail if adequate authority is not configured for roaming profiles.

### Workaround

No workaround exists.

- **Issue**

Some Windows® 2000/2003 Domain trusts might not be recognized by Common Internet File System (CIFS) Server, including a few `intra/inter-forest` trusts.

### Workaround

When required to accommodate `intra/inter-forest` trusts that Common Internet File System (CIFS) member servers might be exposed to in a forest, shortcut trusts can be explicitly created. Common Internet File System (CIFS) Server PDCs support external trusts, which can be sufficient for Samba and Windows® inter-domain trust relationships. For more information about Windows® 2000/2003 trusts, see *MS TechNet* documentation at <http://technet.microsoft.com>.

- **Issue**

An existing **POSIX** machine account must already exist before you add the corresponding Samba machine account and the `sambaSamAccount` information required for Common Internet File System (CIFS) Server machine account authentication. You can use the `useradd` command to add **POSIX** machine account with `$` at the end to the `/etc/passwd` file for Common Internet File

System (CIFS) Server to recognize it as a machine account. If **POSIX** machine account does not exist, running the `pwck` command displays the following error message:

```
1 Bad character(s) in logname
```

## Workaround

No workaround exists.

- **Issue**

Use `useradd` command to add **POSIX** machine account with a `$` at the end to the `/etc/passwd` file for Common Internet File System (CIFS) Server to recognize it as a machine account. The `pwck` command might display the following error message:

```
Login directory not found
```

The above error indicates that the home directory does not exist.

## Workaround

Use the `-m` option with `useradd` when adding a **POSIX** machine account. If the home directory does not exist for the new account, it is created.

- **Issue**

The delete operation on a large number of files from a directory takes a long time to complete.

## Workaround

Close Windows® Explorer after the delete process is started. Beginning with A.02.03.01, another workaround is to set the `change_notify_timeout` `smb.conf` parameter to 0. When set to 0, change notification messages are not sent and long delays do not occur. Clients must initiate updates to view changes (by pressing F5) that might have occurred on the file share. Beginning with A.02.03.01, the `change_notify_timeout` parameter moves from a global to share level parameter. The `change_notify_timeout` parameter is not available starting from A.02.04.

# 6 Support and other resources

## Accessing Hewlett Packard Enterprise Support

- For live assistance, go to the Contact Hewlett Packard Enterprise Worldwide website:  
[www.hpe.com/assistance](http://www.hpe.com/assistance)
- To access documentation and support services, go to the Hewlett Packard Enterprise Support Center website:  
[www.hpe.com/support/hpesc](http://www.hpe.com/support/hpesc)

### Information to collect

- Technical support registration number (if applicable)
- Product name, model or version, and serial number
- Operating system name and version
- Firmware version
- Error messages
- Product-specific reports and logs
- Add-on products or components
- Third-party products or components

## Accessing updates

- Some software products provide a mechanism for accessing software updates through the product interface. Review your product documentation to identify the recommended software update method.
  - To download product updates, go to either of the following:
    - Hewlett Packard Enterprise Support Center **Get connected with updates** page:  
[www.hpe.com/support/e-updates](http://www.hpe.com/support/e-updates)
    - Software Depot website:  
[www.hpe.com/support/softwaredepot](http://www.hpe.com/support/softwaredepot)
  - To view and update your entitlements, and to link your contracts, Care Packs, and warranties with your profile, go to the Hewlett Packard Enterprise Support Center **More Information on Access to Support Materials** page:  
[www.hpe.com/support/AccessToSupportMaterials](http://www.hpe.com/support/AccessToSupportMaterials)
- 
- ① **IMPORTANT:** Access to some updates might require product entitlement when accessed through the Hewlett Packard Enterprise Support Center. You must have an HP Passport set up with relevant entitlements.
- 

## Websites

Website	Link
Hewlett Packard Enterprise Information Library	<a href="http://www.hpe.com/info/enterprise/docs">www.hpe.com/info/enterprise/docs</a>
Hewlett Packard Enterprise Support Center	<a href="http://www.hpe.com/support/hpesc">www.hpe.com/support/hpesc</a>

Website	Link
Contact Hewlett Packard Enterprise Worldwide	<a href="http://www.hpe.com/assistance">www.hpe.com/assistance</a>
Subscription Service/Support Alerts	<a href="http://www.hpe.com/support/e-updates">www.hpe.com/support/e-updates</a>
Software Depot	<a href="http://www.hpe.com/support/softwaredepot">www.hpe.com/support/softwaredepot</a>
Customer Self Repair	<a href="http://www.hpe.com/support/selfrepair">www.hpe.com/support/selfrepair</a>
Insight Remote Support	<a href="http://www.hpe.com/info/insightremotesupport/docs">www.hpe.com/info/insightremotesupport/docs</a>
Serviceguard Solutions for HP-UX	<a href="http://www.hpe.com/info/hpux-serviceguard-docs">www.hpe.com/info/hpux-serviceguard-docs</a>
Single Point of Connectivity Knowledge (SPOCK) Storage compatibility matrix	<a href="http://www.hpe.com/storage/spock">www.hpe.com/storage/spock</a>
Storage white papers and analyst reports	<a href="http://www.hpe.com/storage/whitepapers">www.hpe.com/storage/whitepapers</a>

## Customer self repair

Hewlett Packard Enterprise customer self repair (CSR) programs allow you to repair your product. If a CSR part needs to be replaced, it will be shipped directly to you so that you can install it at your convenience. Some parts do not qualify for CSR. Your Hewlett Packard Enterprise authorized service provider will determine whether a repair can be accomplished by CSR.

For more information about CSR, contact your local service provider or go to the CSR website:

[www.hpe.com/support/selfrepair](http://www.hpe.com/support/selfrepair)

## Remote support

Remote support is available with supported devices as part of your warranty, Care Pack Service, or contractual support agreement. It provides intelligent event diagnosis, and automatic, secure submission of hardware event notifications to Hewlett Packard Enterprise, which will initiate a fast and accurate resolution based on your product's service level. Hewlett Packard Enterprise strongly recommends that you register your device for remote support.

For more information and device support details, go to the following website:

[www.hpe.com/info/insightremotesupport/docs](http://www.hpe.com/info/insightremotesupport/docs)

## 7 Related documentation

For more information about HPE Common Internet File System (CIFS) Client and Server software, see the following documents:

- Common Internet File System (CIFS) server administrators guide, is available at: <http://hpe.com/info/hpux-CIFS-docs>
- Release Notes for this version and for previous versions of Common Internet File System (CIFS) Server are available at: <http://hpe.com/info/hpux-CIFS-docs>.

### Software and documentation availability in native languages

The product is supported only in English locale (`LANG=C`). Behavior of the product is unpredictable when `LANG` value is set to any other language code other than C. Documentation support for this product is also available only in English locale.

### Reporting defects

You can report defects related to HPE Common Internet File System (CIFS) Server product. Contact your local Hewlett Packard Enterprise representative to file a defect on your behalf.

## 8 Documentation feedback

Hewlett Packard Enterprise is committed to providing documentation that meets your needs. To help us improve the documentation, send any errors, suggestions, or comments to Documentation Feedback ([docsfeedback@hpe.com](mailto:docsfeedback@hpe.com)). When submitting your feedback, include the document title, part number, edition, and publication date located on the front cover of the document. For online help content, include the product name, product version, help edition, and publication date located on the legal notices page.

### More on HPE Common Internet File System (CIFS) Server documentation

For more information on documentation and other manuals of HPE Common Internet File System (CIFS) Server, see [HP-UX Common Internet File System \(CIFS\) Client/Server Software](#).

### Support policies for HP-UX

For more information about support policy of HP-UX, see [HP-UX Support Policy](#).