

UNITRENDS Issues Resolved in the 9.0 Releases

See the following topics for a description of the issues resolved in each 9.0 release:

- [Issues Resolved in Release 9.0.0-15 \(9/07/2016\)](#)
- [Issues Resolved in Release 9.0.0-13 \(5/12/2016\)](#)
- [Issues Resolved in Release 9.0.0-12 \(4/4/2016\)](#)
- [Issues Resolved in Release 9.0.0-11 \(2/17/2016\)](#)
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- [Issues Resolved in Release 9.0.0-5 \(10/29/2015\)](#)

Issues Resolved in Release 9.0.0-15 (9/07/2016)

Component	Summary
Archive to tape (legacy UI)	Resolved an issue where archive sets spanning multiple tapes could neither be imported nor recovered.
Amazon Cloud	<ul style="list-style-type: none">• Resolved an issue where large archives (2 to 3TB) were causing the S3 connection to disconnect.• Resolved an issue where archives would occasionally fail and produce an “invalid metadata values” internal error message.
Backup	<ul style="list-style-type: none">• Resolved an issue where schedules failed to create jobs slated to occur earlier than the time of day at which the schedule was saved/reloaded. E.g. A schedule saved on Monday at 11:59 AM would fail to create events slated to occur on Tuesday morning.• Resolved an issue where files that were both sparse and deduplicated could not be backed up.
Backup copy	<ul style="list-style-type: none">• Resolved an issue where cloud targets were frequently running out of memory.• Resolved an issue where the process of copying backups over OpenVPN was not fully recovering after connection interruptions.• Resolved an issue with backup copy schedules where Hyper-V and Windows Server assets were not displaying in the schedule after being saved.• Resolved an issue with backups not successfully copying to CentOS5 appliance targets.
Jobs	Resolved an issue where the job queue was periodically freezing.

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Migration to CentOS6	Resolved an issue where the database would enter recovery mode during migration.
Recovery	<ul style="list-style-type: none"> Resolved an issue where a version 10 VMware VM could not be recovered to an ESXi 6.0 host. Resolved an issue where attempts to perform an archive recovery of a selected data set produced an unreadable file list. Resolved an issue where an attempt to recover a Windows virtual asset containing a backup with missing metadata property was causing the virtual asset to enter a halted state, necessitating regeneration of the virtual assets queue. Resolved an issue where synthetic backups could not be recovered.
Recovery-Series 312 Appliances	Resolved an issue where archiving was unusually slow following an update.
ReliableDR	Resolved an issue where ReliableDR was failing to test backups.
Reports	<ul style="list-style-type: none"> Deleted jobs in Backup History Reports are now labeled "Job No Longer Exists." Resolved an issue where sending a test email could clear the Recipients field in the Email tab of the Edit Appliance dialog. Transfer rate is now displayed in the Backup History report and the Backup Copy - Hot Targets report. Resolved an issue where email recipients were not displaying in the Email tab of the Edit Appliance dialog. Resolved an issue where inaccurate Schedule Failure Report emails were being sent. Resolved multiple issues involving incomplete, incorrect, or inconsistent Capacity Reports. Resolved an issue where an appliance was incorrectly reporting that it had exceeded its maximum backup capacity.
Security	Addressed PCI vulnerabilities that were revealed through failed security scans.

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Storage	<ul style="list-style-type: none">Resolved an issue where storage needed to be manually expanded after a database was moved into a new partition.Resolved an issue where CIFS shares using the NTLMv2 security option would not mount.Resolved an issue that was causing LUN re-initializations and hypervisor lockups.
Synthesis	Resolved an issue where Hyper-V full backup synthesis was failing to correctly adjust the size of the VHD disk.
UI	<ul style="list-style-type: none">If a Cold Backup Copy Target is selected, the last page of the Edit Job dialog will now include a Test button. Test results appear in a Notice dialog.Changes made to column order and visibility are now persistent.Resolved an issue where the Edit Job dialog was displaying an incorrect asset name.Resolved an issue where the UI failed to indicate an open support tunnel after the user logged out of and back into the appliance.Resolved an issue where changes made in the Edit Retention dialog were not saving.D2D device size on appliances can now be reset using the current UI.Resolved an issue where the UI was unresponsive.Resolved an issue where navigation groups could not be created in the current UI using an AD account login.
Updates	<ul style="list-style-type: none">Resolved an issue where the user could neither login to the current UI nor the legacy UI.Resolved an issue where updating could render Hyper-V Instant Recovery nonfunctional.
XenServer	Resolved an issue where recovered XenServer VMs could not be successfully rebooted.

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Issues Resolved in Release 9.0.0-13 (5/12/2016)

Component	Summary
Archive to tape (Legacy UI)	Resolved an issue where the archive email report was not reporting the correct tapes used in the archive. UNIBP-9169/EAPP-1102
Backup copy	<ul style="list-style-type: none">Resolved an issue where a VMware archive disk was marked as not removable. UNIBP-10115/EAPP-1405Resolved an issue where a backup copy to USB would fail due to empty target profiles. UNIBP-9976/EAPP-1341Resolved an issue where archiving was slow due to competing processes. UNIBP-9782/EAPP-1227
Backup copy to cloud (Google Cloud Storage, Amazon S3, or Rackspace)	<ul style="list-style-type: none">Resolved an issue where backup copy to cloud would not continue to write after a disconnect occurred. UNIBP-9980/EAPP-1317Resolved an issue where backup copy to cloud could not reconnect without clearing the cache. UNIBP-9972/EAPP-1353
Backup copy to a Unitrends appliance	<ul style="list-style-type: none">Resolved an issue where hot backup copies of assets were failing due to timeout issues. UNIBP-10034/EAPP-1283, UNIBP-9235/EAPP-1167Resolved an issue where if the retryCount is set to zero, the backup copy job will fail. UNIBP-5278
Hyper-V	Resolved an issue where a Hyper-V restore fails on a synthetic backup when files get out of order. UNIBP-10486
Migration	Resolved an issue where the check_migrate script did not fail when an IBM ULT3580-HH5 tape device was attached to the appliance. UNIBP-10049
Purging	<ul style="list-style-type: none">Resolved an issue to restart retentionMgr if a crash occurs to prevent unnecessary purging and to make sure it completes at least one pass before purging. UNIBP-10249/EAPP-1407, UNIBP-10063/EAPP-1389Resolved an issue where in certain circumstances the landing zone was calculated incorrectly causing the system to purge more than necessary. UNIBP-10530/EAPP-1492

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Component	Summary
Restore	<ul style="list-style-type: none">Resolved an issue where if a file or folder name containing a comma is passed to an inclusion or exclusion list, files will not be restored when FLR is marked successful. UNIBP-10099/EAPP-1319Resolved an issue where a Xen replicated backup was failing to restore to a Xen server. UNIBP-10128/EAPP-1419Resolved an issue where restoring an individual file from an NDMP backup job would restore the entire backup. UNIBP-10591/EAPP-1505
SQL	Resolved an issue with creating job schedules in cases where the SQL instance UUID contained an underscore. Schedule creation failed with the message <i>Value must be numeric</i> . EAPP-1114/UNIBP-10010
Synthesis	Resolved a memory leak of synthesized hyper-v VMs that resulted in high load. UNIBP-9743/EAPP-1071
UI	<ul style="list-style-type: none">Resolved an issue when sorting the backup history report by size, the incorrect size was shown. UNIBP-9795Resolved an issue where View Details on a job was showing incorrect information if the job was not editable in the current UI. UNIBP-10312
VMware	Resolved an issue where /tmp fills with logs from a defect in VMware's VDDK. UNIBP-9658
Windows Instant Recovery (WIR)	<ul style="list-style-type: none">Resolved an issue where Windows OS would not boot when the boot disk was not the first disk. UNIBP-9985Resolved an issue where the restore would abort due to configuration changes when none were made. UNIBP-9983/EAPP-1312
Xen	Resolved an issue where in certain cases symbolic links created during a backup were not being removed causing intermittent backup failures on Xen VMs. UNIBP-7596/EAPP-1228

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Issues Resolved in Release 9.0.0-12 (4/4/2016)

Component	Summary
Archive to tape (Legacy UI)	<ul style="list-style-type: none">Improved error messaging when trying to restore from tape when a tape is missing from the set. UNIBP-9229/EAPP-856Resolved issue where the archive would fail when a tape encountered in the set had a new or different set ID. UNIBP-8962/EAPP-1102
Backup copy	Resolved an issue where preparing media fails. UNIBP-9262/EAPP-1175
Backup copy to cloud (Google Cloud Storage, Amazon S3, or Rackspace)	<ul style="list-style-type: none">Resolved an issue where cloud jobs were generating large log files causing the Unitrends database to stop. UNIBP-9249/EAPP-1168Resolved an issue where backup copy to cloud stops writing data and the storage cannot be unmounted without a reboot. UNIBP-9010/EAPP-1116Resolved an issue where storage disconnects and could not be reconnected due to a busy error. UNIBP-8998/EAPP-1119
Backup copy to multi-drive eSATA targets	Resolved an issue with preparing drives on multi-drive eSATA targets (such as the Unitrends four-disk archiving unit). UNIBP-9248/EAPP-1182
Backup copy to a Unitrends appliance	Resolved an issue where replication of backups were not progressing due to non-deduplicated backups on the target. UNIBP-9244/EAPP-1160
Hyper-V	Resolved an issue where a Hyper-V restore using FLR fails when selecting a point-in-time from an incremental backup using multiple disks. UNIBP-9378/EAPP-1185
NDMP	Resolved an issue with restoring files from an NDMP backup using DAR. UNIBP-3014
Purging	Resolved an issue if purging was active, the appliance would not report correct free space. UNIBP-8589

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Component	Summary
Restore	<ul style="list-style-type: none">Resolved an issue where a restore of a Xen VM backup imported from an archive to a new appliance was failing. UNIBP-9779/EAP-1217When attempting to restore an exchange full and incremental, an issue where the UI would report incorrect status of the restore was resolved. UNIBP-9603/EAPP-1235
SQL	Resolved an issue where if a SQL differential or t-log backup fails, the auto-promotion of the next backup to a full will fail. UNIBP-9186/EAPP-1065
UI	<ul style="list-style-type: none">Resolved an issue where jobs were being sorted on the Jobs page making it difficult to view. UNIBP-8670Resolved an issue where backup times were not being reported correctly in the new UI. UNIBP-8579Resolved an issue where a new email recipient row was added when opening the Email tab in the Edit Appliance dialog. UNIBP-7456

Issues Resolved in Release 9.0.0-11 (2/17/2016)

Component	Summary
Archive to tape (Legacy UI)	Resolved an issue with recovering from tape archive if using a new tape library. UNIBP-8699/EAPP-1034/UNIBP-7989/EAPP-856.
Backup copy	Resolved an issue where backup copy failed with the error <i>Max capacity reached</i> , even though there was sufficient free space on the target. UNIBP-8418/EAPP-970
Backup copy to cloud (Google Cloud Storage, Amazon S3, or Rackspace)	Addressed an issue with adding a cloud backup copy target to appliances that use some types of NFS storage. Enhanced the error messaging to indicate that the NFS share must be configured as a local directory in the appliance's master.ini file before the target can be added. UNIBP-8866/EAPP-1070

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Component	Summary
Backup copy to multi-drive eSATA targets	Resolved an issue with preparing and mounting drives on multi-drive eSATA targets (such as the Unitrends four-disk archiving unit). UNIBP-8437/EAPP-964
Backup copy to Unitrends Cloud or to a Unitrends appliance	Resolved an issue with the UI reporting no activity during some very large jobs, even though data was still being copied. UNIBP-8581
Jobs	<ul style="list-style-type: none"> • Resolved an issue with very large incremental backups failing in some cases due to a timeout condition. UNIBP-9062/EAPP-1010 • Optimized performance of large incremental and differential backups. UNIBP-615/EAPP-859 <p>The following issues apply to the new UI only:</p> <ul style="list-style-type: none"> • Resolved an issue with viewing Recent System Jobs where a script error displayed if a very large number of system jobs ran in the last seven days. With this fix, the most recent 250 jobs display in cases where over 250 jobs ran in the seven-day period. UNIBP-8964 • Resolved an issue with new jobs not displaying immediately in the Active Jobs tab. UNIBP-2816
Oracle	Resolved an issue with protecting Oracle database instances that are configured to use direct I/O. UNIBP-7092
Purging	Resolved an issue where purging would hang if certain processes timed out while attempting to access NAS storage. This prevented eligible backups from being removed, causing new backups to fail once the appliance became full to capacity. UNIBP-8946/EAPP-1105
Reports	<p>The following issues apply to the new UI only:</p> <ul style="list-style-type: none"> • Resolved an issue with exporting reports to CSV. The export failed due to a Flash Player version issue. UNIBP-8578/EAPP-1000 • Resolved an issue with the VM name not displaying on the Backup Copy-Cold Targets report in cases where the VM name had been changed. UNIBP-6622/EAPP-618 • Resolved an issue with column titles overlapping. UNIBP-9027

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Storage	<ul style="list-style-type: none"> For UEB appliances, resolved an issue with adding multiple backup storage disks using the Edit Storage dialog. The change requires you to add one disk at a time. UNIBP-8881/EAPP-1077 For UEB appliances, resolved an issue that occurred after expanding storage where the appliance erroneously detected that no free space was available and displayed a <i>No space left on device</i> message. UNIBP-8438 For UEB appliances, resolved an issue with the <i>Disk space usage threshold exceeded</i> alert persisting after NFS storage was added. UNIBP-8886/EAPP-1082 Resolved an issue that prevented users from adding external NFS storage. UNIBP-8785/UEBNINE-4648
Synthesis	Resolved an issue with synthesis of large backups failing on 32-bit appliances. UNIBP-8401/EAPP-969
UEB on Hyper-V	Improved the UEB installer by requiring you to enter an appliance name and location before proceeding to the next installer step. UNIBP - 8256.
UEB on VMware	<ul style="list-style-type: none"> Resolved an issue with UEB appliances running on ESXi Essentials edition hosts where the appliance could perform only the Unitrends features supported on Free ESXi editions. With this fix, these appliances can now perform Unitrends features that require the vSphere API (such as host-level backups and VMware instant recovery). UNIBP-9008 Resolved an issue with attaching VMDK backup storage that exists on a different datastore than that of the UEB VM's initial disk. UNIBP-8153 Enhanced the UEB installer to automatically detect and resolve various environmental issues encountered during UEB VM deployment. UNIBP-8309/UNIBP-8476
Updates	In the Legacy UI, resolved an issue with the Agent Updates tab taking a very long time to load. UNIBP-8609/EAPP-1002
VMware	<p>The following issues apply to the new UI only:</p> <ul style="list-style-type: none"> Resolved an issue that caused duplicate resource groups and vApps to display in the UI in cases where the ESXi host's UUID had changed. UNIBP-8691

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	<ul style="list-style-type: none"> Resolved an issue where, in some cases, running an on-demand backup from the Edit Backup Job dialog could run a backup of the appliance itself. UNIBP-8867/EAPP-1075 Resolved an issue where virtual host credentials could not be modified in the Edit Virtual Host dialog. UNIBP-8879 Resolved an issue with applying filters to VM jobs. UNIBP-8919/EAPP-1053 For protecting templates, enhanced usability by adding a new template icon to easily distinguish templates from virtual machines in the UI. UNIBP-8969
VMware Instant Recovery (IR)	<ul style="list-style-type: none"> Resolved an issue where the recovered VM could not boot under these conditions: the recovery was from a synthesized backup and the VM disk resided on an NFS datastore. EAPP-1149 Resolved an issue where VMware IR failed with the message <i>incorrect username/password</i> in cases where the virtual host password contained the character \$. (Issue applies to new UI only.) UNIBP-8876/UNIBP-8878
Windows Instant Recovery (WIR)	Resolved an issue with the Create Windows Instant Recovery VFC wizard where values in dropdown lists could disappear if you navigated to the previous step then back to the next step. (Issue applies to new UI only.) UNIBP-8412/UNIBP-8709

Issues Resolved in Release 9.0.0-9 (12/16/2015)

Component	Summary
Backup	<ul style="list-style-type: none"> Resolved an issue with editing jobs where clicking in the Start Time field reset the time to 3:00 AM. UNIBP-8214 Resolved an issue on CentOS 5 appliances that caused some large backup jobs to fail due to exceeding a time out setting. UNIBP-8179
Backup copy to cloud	<ul style="list-style-type: none"> Resolved an issue with backup copy to cloud failing with error <i>Max capacity reached</i>. UNIBP-8341 Resolved an issue with backup copy to cloud failing in some cases due to a system process unmounting the cloud target while the job was running. UNIBP-7935

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Component	Summary
Hyper-V	<ul style="list-style-type: none"> Resolved an issue with recovery failing under these conditions: the backup group contained incremental backups, the backup was of a Hyper-V VM configured with multiple disks where at least one disk was dynamic, and a dynamic disk had become filled to near capacity. UNIBP-7902/EAPP-603 Resolved an issue with the Hyper-V CBT driver failing to track changes in cases where the virtual disk is registered to another VM. (In this case, a full backup was run instead.) With this fix, if CBT detects that the disk is already registered to another VM, it re-registers the disk to the current VM and can then track changes. UNIBP-6707/EAPP-645/UNIBP-3685
Purging	Resolved an issue that caused purging to hang. This prevented eligible backups from being removed, causing new backups to fail once the appliance became full to capacity. UNIBP-8483/EAPP-9922/EAPP-976/EAPP-981/EAPP-985/EAPP-997
UEB on Hyper-V	Resolved an issue where, in some environments, the UEB installer could not create the UEB VM due to a restrictive PowerShell execution policy. UNIBP-7774
UEB on VMware	For UEB on VMware EXE deployments, enhanced usability of the Setup wizard by disabling the Next button in the <i>Specify appliances networking details</i> step until a valid virtual network has been selected. UNIBP-8151
UI	<ul style="list-style-type: none"> Resolved an issue with the Edit Appliance dialog where a new <i>Recipient</i> row was added upon clicking the Email tab. UNIBP-7456 Enhanced usability of the About this Appliance dialog by removing the restricted icon that displayed when you hovered over the read-only fields. UNIBP-7455 Enhanced usability of the Create Instant Recovery dialog by displaying the amount of free space available on the selected Target Storage. UNIBP-6927
VMware	Enhanced usability by preventing users from adding Free ESXi hosts to the appliance as virtual host assets. You now receive a message indicating that host-level backups are not supported for VMs hosted on servers that are running free versions of ESXi. UNIBP-8082, UNIBP-8091, UEBNINE-3375

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Component	Summary
Windows Instant Recovery (WIR)	Resolved an issue with WIR of Windows 2003 machines failing due to the appliance injecting the wrong driver. UNIBP-6681

Issue Resolved in Release 9.0.0-8 (12/08/2015)

Component	Summary
Jobs	Resolved an issue where certain scheduled jobs were not running at the expected times. In some of these cases, the issue caused the appliance to hang and become inoperable. The fix checks for this error condition and, if found, modifies the job schedule's Start Date to be the current date minus one day. After you upgrade to release 9.0.0-8, check your job schedules and modify the Start Dates and Start Times as needed. UNIBP-8299/UNIBP-8217/EAPP-922

Issues Resolved in Release 9.0.0-6 (11/12/2015)

Component	Summary
Backup	Resolved an issue with scheduled backups not running at the times specified in the schedule. UNIBP-7682
Backup copy (all targets)	Resolved an issue with imported backup copies being purged too soon. If space is needed, the appliance purges the oldest backups. Because imported backup copies are often older, these were likely to be purged soon after import. With this change, imported backup copies are not purged for at least 72 hours. UNIBP-7501
Backup copy to Unitrends appliance target	<ul style="list-style-type: none">Resolved an issue where backup copy from older (pre-9.0) sources to 9.0 targets failed. UNIBP-7831/UNIBP-7790Resolved an issue where, in some cases, the backup copy would hang while identifying which blocks to send to the target. With the fix, blocks that have already replicated are identified immediately. UNIBP-4475
Hyper-V	Resolved an issue where instant recovery failed due to not retrieving all required network settings. UNIBP-7780

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Component	Summary
NAS	Resolved an issue with scheduled backup jobs not starting at the NAS mount point. Instead, the job attempted to back up the appliance. UNIBP-7807
Storage	For UEB appliances, resolved an issue with backup storage being inaccessible if the storage was added before setting up the appliance using the Quick Start dialog. UNIBP-7934
System	Resolved an issue where, in some environments, compression of large files resulted in a system error. UNIBP-7302
VMware	<ul style="list-style-type: none">Resolved an issue where, in some cases, new VMs were not added to a schedule that was configured with both the auto-include VMs option and a regular expression filter. UNIBP-3277Resolved an issue where instant recovery failed due to not retrieving all required network settings. UNIBP-7780

Issues Resolved in Release 9.0.0-5 (10/29/2015)

Component	Summary
Agent Push	Resolved an issue where push installations occasionally cause the client server to reboot.
Archiving	<ul style="list-style-type: none">Resolved an issue when restoring from archive, the process requested space be reclaimed to hold the restore even though ample free space already existed.Resolved an issue where, under the right conditions, imported backups from archive could be purged as soon as the import completed.
Hyper-V	<ul style="list-style-type: none">Resolved an issue where a newly deployed UEB on Hyper-V 2012 or 2012 R2 could crash at startup.Resolved an issue where Hyper-V UEB was unable to expand storage.Resolved an issue where Hyper-V instant recover or file level recovery could fail citing the reason as disk corruption.

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Purging	Resolved an issue where purging could become over aggressive resulting in only the latest backup set being retained.
SQL	Resolved an issue where SQL backups were leaving behind temporary files if the backup failed.
Synthetic	Resolved issue where the synthetic process failed to compress synthesized full backups.
VMware	<ul style="list-style-type: none">Resolved an issue where registering an ESXi host after registering its vCenter would report that the host was already registered.Resolved issue where VMware Instant Recovery from an encrypted backup took an inordinate amount of to time to complete.
Windows	Resolved an issue where Windows Instant Recovery would fail if a spanned volume contained multiple extents on the same disk.