ADMe Release Notes

Last Update: Build 19.72b 2023-11-06

ADMe Core Update Build-72b 2023-11-06

Item-#	Avamar Test Environment	Test Scenarios	Test Results
1	19.7	Added partial support for migrating Checkpoints	Untested
2	19.7	Corrected bug related with Networker backup size being reported incorrectly within ADMe. When multiple tape volumes were needed to complete a tape backup and Parallel Save-set PSS is in use, the calculated aggregate size of the individual PSS save-sets involved were calculated incorrectly.	Pass

ADMe Core Update Build-72a 2023-06-20

Item-#	Avamar Test Environment	Test Scenarios	Test Results
1	19.7	Corrected bug when ERROR-10A is encountered resulting in the job completion status being reported as Successful when it should have reported it as completed with exceptions. The job log contents did correctly log the error condition. ERROR-10A: Unable to stage data for [client-name-xyz BU-id-1234], selected but either no longer exists or it is older than 1 year	Pass
2	19.7	Modified **autoconfig.sh** script which did not support **plugin 3015** and misinterpreted passing of **ddr-index** option when using **adme -autocfg** call. Both issues are corrected in this build.	Pass
3	19.7	When using, **-archive pax** option, the expected filename used for the archive file could be incorrect when more than one backup matched the filtering criteria, modified the filter.	Pass

ADMe Core Update Build-72 2023-04-06

Item-#	Avamar Test Environment	Test Scenarios	Test Results
1	19.7	Updated ADMe Compatibility Guide	Pass
2	19.7	Updated **adme -autocfg** support scripts to accommodate automated configuration support when using **PPDM** as an export target. Updated ADMe Revised User Guide Appendix-H section pertaining to this process.	Pass

ADMe Core Update Build-71a 2023-03-24

Item-#	Avamar Test Environment	Test Scenarios	Test Results
1	19.7	Support for PPDM added as one of the supported export applications allowing ADMe to support the migration of Avamar backup data to it. Documentation can be found in Appendix-H of the ADMe Revised User Guide.	Pass
2	19.7	Updated the **motd** content in Avamar to include comment: **UNAUTHORIZED use of ADMe is strictly forbidden** ADMe is only to be used for Dell authorized use cases and the Avamar system(s) involved must have a current support contract with Dell.	Pass

ADMe Core Update Build-69a 2023-02-06

Item-#	Avamar Test Environment	Test Scenarios	Test Results
1	19.7	Corrected bug in ADMe when an Env File lock condition is detected i.e. a job being started using an Env-File already in use and locked by another job. The offending job detects the lock condition and logs the Env-Lock message; however its end time year field was incomplete resulting in a Java parsing error due to the illegal date field format preventing it from being displayed within the Web-UI Job Activity tab. From the ADMe CLI menu, the offending job remained in the active state rather than it ending with a failure status despite the job actually ending.	Pass
2	19.7	Updated wthreads2.tab file to ensure it handles the base **avtar.cmd** file properly located in **avs\var** of a staging server. This update will ensure two options required with ADMe are added without disturbing any existing options that may already be present on a non-dedicated staging server. **--reparse-restore-option=linksasfilesfolders** **--deflateofficexml=false**	Pass

ADMe Core Update Build-69 2022-12-12

Item-#	Avamar Test Environment	Test Scenarios	Test Results
1	19.7	Corrected bug in ADMe upgrade process preventing automatically updating the Web-UI file **adme.war** to a version greater than 1.0.66.	Pass

ADMe Core Update Build-68 2022-12-08

Item-#	Avamar Test Environment	Test Scenarios	Test Results

1	19.7	Corrected bug preventing a client group from being established from Web-UI when including the first client's name.	Pass
2	19.7	Corrected spelling/grammar errors in ADMe help display related to -**archive** option.	Pass
3	19.7	ADMe was originally qualified using Korn shell version ksh-93t-9.9.8.x86_64 while later versions of Avamar have mksh-50f-5.1.x86_64. Some anomalies with the behavior of ADMe coding syntax were identified resulting in the misbehavior with some of its CLI interaction when a user prompt followed by user input was needed. ADMe and its supporting scripts found in the admeadmin/tools folder are impacted. Code changes were made to this build that checks for the later korn shell rpm and adjust dynamically affected lines as needed. If you encounter other anomalies, you may need to uninstall the latest Korn shell rpm and install the older version mentioned above which can be obtained at https://www.dell.com/support/kbdoc/en-ca/000195585	
4	19.7	**Web-UI Build-64** Default password was being used when copying the certificate, modified to change password before copying certificate.	Pass
5	19.7	The Client tab of the Web-UI may not display the domain/client tree structure when establishing or modifying a client group. Ensure the latest MCS hotfix is applied to correct the issue and as of this writing is at version **v19.7.0.82-mc-336263**	Pass
6	19.7	**Web-UI Build-68** Web-UI **webapp** folder location has been moved from **/home/admin/admeadmin/tmp** to **/home/admin/admeadmin/webtmp/webapp** due to an incompatibility which resulted in in the original **tmp** folder contents being erased any time the Web-UI service was started. This resulted in lost contents and varying negative impact to any running jobs.	Pass

ADMe Core Update Build-67

Item-#	Avamar Test Environment	Test Scenarios	Test Results
1	19.7	ADMe credentials modified to comply with updated requirements implemented by MCS in Avamar 19.7.x. Therefore, support of a 19.7 system will require this ADMe version or newer.	Pass
2	19.7	Added to a job log the version of ADMe Web-UI being used.	Pass
3	19.7	Revised online help text pertaining to the use of -**archive** option used to establish .**pax** file archives.	Pass

ADMe Core Update Build-66

Item-#	Avamar Test Environment	Test Scenarios	Test Results

1	19.4	Cumulative update includes all patches released with 19.64a through 19.64i. An updated ADMe-UI (adme.war) file is also co-released at this time version 1.0.64 or higher, addressing security vulnerabilities as documented in Esc 939	Pass

ADMe Core Update Build-64 (superseded by 19.64i)

Item-#	Avamar Test Environment	Test Scenarios	Test Results
1	19.4	Reworked code pertaining to the use of including or excluding folders during the staging phase. This change impacts the use of migration options -**data** and -**xdata** and their corresponding embedded filters located within the client config file **Fld-17** and **Fld-08** respectively. This change modifies the syntax required when using these options and their corresponding embedded filter. Refer to online help from both the Web-UI and CLI menu UI for details on the specific syntax required.	Pass
2	19.4	Improved the error parsing in the event of a staging (recovery) error and its associated avtar log is able to be retrieved automatically by ADMe. The current fixed filtering documented here will be applied to the avtar log content to parse out key error messages to include them in an ADMe job log. However, it is now possible to customize these filters for include and exclude messages to either include or exclude messages of interest via the use of flag files. **error_pattern**="avtar Error|ERROR:|END avtar log|<6149>:|<5314>:|FATAL|Info <7925>|Info <6090>" **error_exclude_pattern**="avtar Error <6833>|avtar Error <5574>|assert error|avtar Error <5499>|Warning <7542>" To customize the filters to be used, establish the following flag files as needed an update its first line to contain content similar to the above fixed filters with your own changes. Each filter is separated using a pipe character. Once the flag files exist, the fixed filters will no longer be used. /home/admin/admeadmin/customize/**avtar_error_pattern.cfg** /home/admin/admeadmin/customize/**avtar_error_exclude_pattern.cfg**	

ADMe Core Update Build-64 (19.64g superseded by 19.64h)

Item-#	Avamar Test Environment	Test Scenarios	Test Results
1	19.4	Reworked previous code related with detecting MCS down condition to make it more reliable performing three separate checks prior to	Pass

Item-#	Avamar Test Environment	Test Scenarios	Test Results
		aborting a recovery or an ADMe job. This check can be bypassed by creating a flag file as follows: ***touch /home/admin/admeadmin/customize/nomcscheck***	
2	19.4	Corrected bugs related with the use of ADMe options -**xdata**, -**data** used for excluding or including specified folders and their corresponding equivalent fields within the ADMe client config file **Fld-8** and **Fld-17** respectively to accomplish the same behavior at the client level within a client group. These options are used for excluding folder(s) or including folder(s) from a backup being staged. There were multiple issues related with the handling of spaces within the path and the documentation on use of appropriate values which differ based on whether MCCLI or AVTAR is being used to perform the recovery. These filters are a function of Avamar not ADMe and they are passed to the recovery command used therefore experimentation may be required to obtain desired results. The suggestion would be to work with a small adhoc backup during this phase.	Pass

ADMe Core Updates Build-64f

Item-#	Avamar Test Environment	Test Scenarios	Test Results
1	19.4	Upgraded the completion status of a recovery which ends with a ***Completed with Exceptions 10020 status*** to a **Failure** status due to an Avamar bug where in some cases recovered MS Office compressed files can result in a corrupted and unusable file. If this condition is encountered, the ADMe job completion status will now end with an error and the associated **avtar** recovery log must be reviewed to identify affected file names. Search for the following message displayed immediately after the line containing the affected filename: **ERROR: <0001> restdata: BackupRead content NOT valid** The following parameter must be deployed using one of the approaches as follows: • Update the **avtar.cmd** file in each **avs\var** folder on the Windows staging server(s) by adding line: **--deflateofficexml=false** • Alternatively add the following option to a ADMe job policy's definition used for Windows FS data to its Migration Criteria line **-avflags 'deflateofficexml=false'**	Pass

		• A resave of the file in question on the original source client followed by a re-backup of it may also result in it recovering correctly	
2	19.4	Updated **wthreads2.bat** file to automatically include the **--deflateofficexml=false** flag to new **avtar.cmd** file when creating additional MCS threads you may create. Be sure to delete any previous version of this file you may have on the staging server replacing it with this updated version which can be found in **/home/adminadmeadmin/tools** folder on Avamar. All **avtar.cmd** files in each **avs/var** folder(s) require the following two entries for ADMe. **--reparse-restore-option=linksasfilesfolders** **--deflateofficexml=false**	Pass

ADMe Core Updates Build-64e

Item-#	Avamar Test Environment	Test Scenarios	Test Results
1	19.4	Improved check process when confirming of MCS is down. Check now verifies based on mcserver.jar being active.	Pass
2	19.4	Updated to provide a means to remove the presence of an erroneous environment lock file accessed from CLI UI Menu **adme -> E=Env-File Mgr -> D=Display status**	Pass

ADMe Core Updates Build-64d

Item-#	Avamar Test Environment	Test Scenarios	Test Results
1	19.4	When using -**archive** option to create .**pax** files, a previous bug fix to ensure the plugin-ID value was inserted as part of the file name was not behaving properly for all plugin types. Revised the previous fix to help ensure its detected as expected. For example, the highlight area indicates this represents a Linux FS backup. admearchive_ 1001 _2022-03-03-33.pax	Pass
2	19.4	Added to the interactive Selection option in main menu, the ability to support passing a series of backup label numbers for selection to improve one's ability to determine in advance, their aggregate size.	Pass
3	19.4	Corrected bug when displaying Environment files current status using the CLI menu option E->d, a false active state could result due to the path to its related lock file being incorrect.	Pass
4	19.4	Provide a means for removing an erroneous Environment lock file. This is accomplished from the CLI Menu UI. **E=Env-file-> D=Display-Status** -> when *an environment file is active its associated lock file will be displayed along with instructions on how to*	Pass

		remove it if it has been left behind erroneously due to an unrelated job failure.	

ADMe Core Updates Build-64c

Item-#	Avamar Test Environment	Test Scenarios	Test Results
1	19.4	When using a Linux staging server, the rm call to remove the staged data was not determining the correct path when more than one top level staging folder was specified in the client group staging path field. Updated the logic to handle any number of top-level user defined staging path folders.	Pass
2	19.4	Intermittently the related Networker metadata was not being captured resulting in the expected metadata not being reported in the Web-UI or the ADMe job policy log. This update expands the default timeframe to look for the metadata automatically and if it still cannot be found, a warning message will be logged along with the **mminfo** syntax used. An alternate method for expanding the time range intended for debugging purposes only, create the file name shown and edit it to contain a one digit number 1 - 9 used to expand the search range by the number of hours specified. **/home/admin/admeadmin/customize/*NWKEXPORTROUNDUP.txt***	Pass
3	19.4	Modified the behavior of the -**avamigrate TAGGED** syntax to expand the target client account it will use by including the source Avamar hostname as shown here. **/ADME/*<source-avamar-hostname>*/*<source-client-name>*-ADME** The revised target account enhances end user recovery experience of ADS migrated backups by segregating the tagged client names under its original source Avamar domain name versus a common domain of just /ADME.	Pass

ADMe Core Updates Build-64b

Item-#	Avamar Test Environment	Test Scenarios	Test Results
1	19.4	When using -**archive** option (pax files) the source client PID# was supposed to be present within the pax file name, but it wasn't being inserted as intended. Corrected	Pass
2	19.4	Added a debug flag file to enable a trace for diagnosing errors encountered when ADMe is determining the associated Networker metadata pertaining to an export to tape. To enable	Pass

| | | the trace flag, perform a touch of file name **/home/admin/admeadmin/customize/***NWKMETADATA.txt* | |

ADMe Core Updates Build-64a

Item-#	Avamar Test Environment	Test Scenarios	Test Results
1	19.4	Updated Networker Policy Setup document to include detail of how to set the retention on tape.	Pass
2	19.4	Corrected issue related where the upgrade history record incorrectly shows the previous version from a formal tar file build only	Pass
3	19.4	Added migration option -**labelx** used to specify a custom label value applicable when using ADMe for an ADS migration to a target Avamar.	Pass
4	19.4	Provided a warning message when using the -**purge** option logged in job log and the user has established the flag file for testing purposes **/home/admin/admeadmin/customize/NOPURGE** which allows the purge logic to execute but the physically removal of the BU from Avamar will be skipped.	Pass
5	19.4	Modified the -**purge** behavior to support using -**stageonly** followed by an independent call to perform a subsequently **export** of the previously staged backup. The purge process now retains knowledge of the BU's staged to be reused when the export phase is called later.	Pass
6	19.4	Corrected bug when using -**exchvssavtar** option which could result in other migration criteria options being ignored.	Pass
7	19.4	Corrected bug seen when establishing a new environment file from the Web-UI indicating the process has failed but the file was created correctly.	Pass
8	19.4	Added a check to confirm whether root FS is 100% full to improve on a previous check added to confirm whether MCS service is active or not which cannot function if the root FS is full. When MCS crashes, it often will create a very large dump file on the root FS.	Pass

ADMe Core Updates Build-64

Item-#	Test Environment	Test Scenarios	Test Results
1	19.4	Contains accumulative patches since build 19.63	Pass

ADMe Core Updates Build-63c

Item-#	Test Environment	Test Scenarios	Test Results

Item-#	Test Environment	Test Scenarios	Test Results
1	19.4	This patch description introduced at build 19.63 and propagated to builds 19.63a and 19.63b, has been rewritten to correct issues with it. Added code to detect if the **mcs** service goes down or is bounced resulting in active ADMe jobs losing track of their progress and prevent the job log from continuing to update with invalid progress messages. Any active jobs will end with a failed status suggesting MCS service may be down.	Pass

ADMe Core Updates Build-63b

Item-#	Test Environment	Test Scenarios	Test Results
1	19.4	Corrected the auto tape script generation for Arcserv when using the Arcserv master server as a staging server. This change also includes support for using the -**server** option within a job policy.	Pass
2	19.4	Corrected the naming of a pax file when using the -**archive** option. The staged file will be named **admearchive_plugin#_orig-bu-date-buid#.pax**	Pass
3	19.4	Added Appendix-H to the ADMe Revised User Guide containing ADMe Informational, Warning and Error messages	Pass

ADMe Core Updates Build-63

Item-#	Test Environment	Test Scenarios	Test Results
1	19.4	Added code to monitor the Return Code when performing a quick format against a Windows staging drive letter. When non-zero, an error will now be generated indicating the staged data has not been deleted as expected.	Pass
2	19.4	Corrected bug resulting in staging progress byte count displayed as 0 bytes when avtar was being used for non-FS plugins. Also added a suffix value of KB, MB, GB or TB for both mccli and avtar recovery sessions.	Pass
3	19.4	Added code to detect if the **mcs** service goes down or is bounced resulting in active ADMe jobs losing track of their progress and prevent the job log from continuing to update with invalid progress messages. Any active jobs will end with a failed status suggesting MCS service may be down.	Pass
4	19.4	When using a -**server** initiated export phase it may not be obvious which **mcs** thread name was used to initiate the export call. Appended the **mcs** thread name as taken from the environment file being used to the current EXPORT – PHASE section of the job log.	Pass

		Export-Application->[networker]->BUSRV[nw-01.brsvlab.local]->POLICY[-p ADME -w lnxfs01]->INITIATED-BY[BU-Server **Thread=/ADME/nw-01.brsvlab.local_a**]	
5	19.4	Cosmetic fix to remove several log lines resulting from various avtar calls	Pass
6	19.4	Modified the **adme -gui start** command to accommodate starting the GUI service to use the key-store access signed certificates. The startup syntax will vary based on the version of the GUI .war file and Avamar as to what syntax will be used.	Pass
7	19.4	Added migration option to be used when selecting Exchange VSS BU's which by default must be recovered to a Exchange server. The option -**exchvssavtar,** supports recovering an Exchange VSS BU to a standard Windows OS using avtar without the need for it having Exchange S/W and the Exchange plugin. This approach does not replay the transaction logs at staging time but does stage both the EDB file(s) and their related transaction logs for future replay as needed.	Pass
8	19.4	Added migration option used when selecting Exchange VSS BU's which by default must be recovered to an Exchange server. The option -**avexvss,** supports passing valid option(s) to the Exchange recovery CLI **avexvss.exe** command which includes specifying individual EDB's versus acting on all EDB's. When using this CLI transaction logs will be replayed by default but can optionally not be replayed as desired.	Pass
9	19.4	Added verification of EDB shutdown status when staging to an Exchange Server and having its logs replayed. The verification confirms whether the Shutdown State is Clean or Dirty, and if Dirty will result in a failed ADMe job status.	Pass
10	19.4	Added migration option to be used when selecting Hyper-V VSS BU's which by default must be recovered to a Hyper-V server. The option -**hypervssavtar,** supports recovering a Hyper-V VSS BU's to a standard Windows OS using avtar without the need for it having Hyper-V S/W and the Hyper-V plugin.	Pass

Latest ADMe Web-UI Updates Build-63

Item-#	Test Environment	Test Scenarios	Test Results
1	19.4	Added capability to leverage custom signed certificates from Avamar version 19.3 and higher. When starting the GUI service, it will auto detect the supportability of this feature and start the service using appropriate syntax.	Pass
2	19.4	Removed the built html help files from each GUI tab changing them to open an appropriate pdf file which is also stored in folder **/home/admin/admeadmin/doc**. This allows for graphics to be	Pass

		added in future and eliminates the need for a new GUI build each time a help file is modified.	

Historical ADMe Core Updates Build-62

Item-#	Test Environment	Test Scenarios	Test Results
1	AVE 18.x or 19.3	Modified error message "ADMe has failed to connect to MCS with syntax shown" to "Unable to connect with MCCLI syntax shown" as an unrelated grep to obtain info from the job log, was inadvertently choosing the line with the original message	Pass
2	AVE 18.x or 19.3	Increased buffer length from 999 to 1999 when performing an ADS migration by backup label number -buid. This was done to increase the number of BUID's being processed in a single job up to 300.	Pass
3	AVE 18.x or 19.3	Removed a debug exit statement from tools script **aermetadatabyclient.sh** preventing it from running.	Pass
4	AVE 18.x or 19.3	User enhancements and bug corrections to tools script **aer-establish-clients.sh**	Pass
5	AVE 18.x or 19.3	Modified how staged Linux data was removed by performing a mv to a temp folder and tracking the time it takes to remove the staged data.	Pass
6	AVE 18.x or 19.3	Corrected -rmonth ? date range to ensure it starts from the 1st of your chosen first month up to the 1st of your current month.	Pass
7	AVE 18.x or 19.3	Corrected bug in autoconfig.sh tool script to properly support Hyper-V plugin	Pass
8	AVE 18.x or 19.3	Corrected bug when using option -nday X in early March which will include X days in the search range, it was not accounting for the shorter month of Feb.	Pass
8	AVE 18.x or 19.3	Modified timestamps in ADMe logs to conform to yyyy-mm-dd format in ADMe log files. The Web-UI will continue to display date fields as mm-dd/yy format.	Pass
9	AVE 18.x or 19.3	Renamed ADMe client file from **atoclient.cfg** to **admeclient.cfg**	Pass
10	AVE 18.x or 19.3	Added to -migrate action -**exchvssavtar** option used to perform Exchange VSS recovery using avtar rather than the default of using **avexvss** plugin. This is intended for special use cases only.	Pass

Historical ADMe Web-UI Updates Build-62

Item-#	Test Environment	Test Scenarios	Test Results
1	AVE 18.x or 19.4	Build-61 Update required to correct secure login failure on Avamar 19.4	Pass
2	AVE 18.x or 19.3	Build-62 Updated Dashboard tab to provide a link pointing to ADMe Release notes as a PDF along with various tool scripts and procedural PDF's. This approach will supply updates as part of the ADMe tar ball rather than it be dependent for a ADMe GUI build. There is also a link pointing to the new ADMe Landing page as a public KB.	Pass

Historical ADMe Core Updates Build-57

Item-#	Test Environment	Test Scenarios	Test Results
1.	AVE 18.x or 19.2	The audit file can grow very large in line count preventing it from loading successfully into the ADMe Web-UI Audit tab. Added a new command providing the ability to break up the master audit file by year or by line count using command **adme -audit**.	Pass
2.	AVE 18.x or 19.2	Corrected bug where the staging path reflected in the View report reflected that of the last group name in the client config file when similar group names existed such as winfs01 and winfs01a. and their staging paths were unique to each.	Pass
3.	AVE 18.x or 19.2	Added ability to support migration of Netware backups to a Windows staging server.	Pass
4.	AVE 18.x or 19.2	Corrected bug in **autoconfig.sh** tool script which had the potential to result in an incorrect retention value being assigned when used to configure jobs for an ADS migration	Pass
5.	AVE 18.x or 19.2	Corrected **admesched.sh** tool script to support new adme install path of /home/admin/admeadmin	Pass
6.	AVE 18.x or 19.2	Corrected bug when using -autocfg option causing the call to exit in error when the data input file name used contained a hyphen followed by a string matching an unrelated ADMe option.	Pass
7.	AVE 18.x or 19.2	Added ability to display the ingest backup status from a Linux staging server when used in a ADS migration scenario.	Pass
8.	AVE 18.x or 19.2	Corrected bug with autogroup.sh tool to allow retention tag short cuts to be included and applied when using the -buid option to select backups based on their label number value	Pass
9.	AVE 18.x or 19.2	Corrected bug from a Linux staging server when used for ADS to mask the target system credentials within the job log and email notifications.	Pass
10.	AVE 18.x or 19.3	Added ability to automatically force a client discovery when adding a client from Web-UI which was not known to the ADMe core client discovery process.	Pass
11.	AVE 18.x or 19.x	Corrected bug in autoconfig.sh used with ADS migrations to ensure the longest expiry date related with a mixed retention job uses the longest value.	Pass
12	AVE 18.x or 19.x	Added a message to the job log when using ENDOFYEAR option to acknowledge when the end-of-year condition has been met	Pass

Historical ADMe Web-UI

Item-#	Test Environment	Test Scenarios	Test Results
1	AVE 18.x or 19.3	Added new Wrench tool in the Environment tab containing a series of diagnostic and utility functions. - Perform a parse check against environment files - Provide ability to perform a credential refresh - Provide ability to obtain an ADMe grab file - Provide ability to perform an ADMe backup of its configuration files	Pass
2	AVE 18.x or 19.2	Under the Dashboard tab, added an ADMe Home Page link taking you to the Dell EMC support site for download of latest ADMe supported build and relevant KB's etc.	Pass
3	AVE 18.x or 19.3	Modification made to support login on FIPS compliant systems	Pass
4.	AVE 18.x or 19.3	Corrected bug preventing the domain/client tree from appearing when establishing a new client group or adding new clients to an existing client group	Pass

Historical ADMe Core Updates Build-56 April 29, 2020

Item-#	Test Environment	Test Scenarios	Test Results
1	AVE 18.x or 19.2	Corrected bug with backdoor to override the checksum feature which was not working.	Pass
2	AVE 18.x or 19.2	Corrected Job Manager policy display in CLI menu UI to ensure appropriate job status is displayed for a BATCH jobs when active or idle	Pass
3	AVE 18.x or 19.2	Add ability through CLI menu UI to view environment file thread assignments and their current idle/active status. Use options **E-> D=display thread status**	Pass
4	AVE 18.x or 19.2	Updated **adme -backup** command to include admeadmin/jobstats folder	Pass
5	AVE 18.x or 19.2	When deleting a job log file from CLI menu UI, move it to admeadmin/retire folder for future reference as opposed to simply deleting it	Pass
6	AVE 18.x or 19.2	Add ability to have a staging server encrypted password refreshed automatically in situations where it has become stale often encountered after a reboot of a staging server.	Pass
7	AVE 18.x or 19.2	Add ability for backup select option to see backups stored in Cloud Tier by using flag -**cloudtier** in backup selection criteria. The ability to perform a recall from CT to active tier followed by a recovery is being considered for a future release.	Pass
8	AVE 18.x or 19.2	Modified behavior in CLI menu UI Client Config Mgr to automatically update the tape export fields with appropriate	Pass

		Networker syntax based on the client group name entered. This behavior conforms with corresponding behavior in the Web-UI	

Historical ADMe Web-UI Updates Build-55 April 29, 2020

Item-#	Test Environment	Test Scenarios	Test Results
1	AVE 18.x or 19.3	Added support for FIPS standard need to allow the login screen to launch	Pass
2	AVE 18.x or 19.2	Added new Wrench tool in the Environment tab containing a series of diagnostic and utility functions. - Perform a parse check against environment files - Provide ability to perform a credential refresh - Provide ability to obtain an ADMe grab file - Provide ability to perform an ADMe backup of its configuration files	Pass

Historical ADMe Core Updates Build-52 March 4, 2020

	Test Environment	Test Scenarios	Test result
1.	AVE 18.x or 19.x	Moves ADMe from its historical install folder /atoadmin to /home/admin/admeadmin using the standard adme -upgrade command. Provide a readme file included in the build documenting the install and upgrade procedural differences.	Pass
2.	AVE 18.x or 19.x	Implement the need for an install-code requirement when deploying ADMe. This is to prevent untrained PS or customers and partners from doing so then relying on Tech Support to complete the installation for them. Refer to KB link https://emcservice.my.salesforce.com/ka53a0000004dvf	Pass
3.	AVE 18.x or 19.x	Add ability through CLI menu UI to view the idle/active status of the environment thread files.	Pass
4.	AVE 18.x or 19.x	Added ability in Web-UI build# 53 to start a migration policy to perform both staging and export or just staging only or just export phase only. Previously the ADMe job policy had to be modified to accomplish this.	Pass
5.	AVE 18.x or 19.x	Made usability changes to autoconfig.sh and autogroup.sh tools scripts to support non standard naming conventions. These are typically used at install time only.	Pass
6.	AVE 18.x or 19.x + Networker 9.x or 18.x or 19.x	Added enhancements to the autonwkconfig.sh tool script to support the use of multiple media pools, show the transfer status of the Networker .bat files from Avamar to the Networker server for execution to automatically configure required resources within	Pass

		Networker to match the ADMe requirements. Include a pdf file in the tools folder documenting the use of this script.	
7.	AVE 18.x or 19.x	Included a new tools script aermetadatabyclient.sh used to breakup the AER metadata file by client name when it is too large to be imported to the ADMe Web-UI due to excessive line count.	Pass