



AppAssure™ 5.4.2

Notas de versão, Revisão D

Novembro de 2014

Essas Notas de versão fornecem informações sobre a AppAssure™ versão 5.4.2. Essa versão inclui a compilação 5.4.2.319.

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Sobre o AppAssure 5.4.2

O software de proteção de dados Dell AppAssure oferece cópias de segurança rápidas com recuperação verificada para suas VMs e servidores físicos, no local ou remotos. O Dell AppAssure é um software criado para profissionais de TI que precisam de uma solução de [cópia de segurança, replicação e recuperação consistente, acessível e fácil de usar](#) que ofereça proteção para servidores e aplicativos críticos para os negócios como o Microsoft Exchange, o Microsoft SQL Server e o Microsoft SharePoint. Realize a cópia de segurança continuamente e proteja todos os seus dados e aplicativos críticos por meio de um único console de gerenciamento com base na Web.

Anúncio sobre as versões recentes

Leia essa seção completamente antes de decidir como e quando instalar essa versão no seu ambiente particular.

Problemas que afetam as versões 5.4

- 1 A Dell identificou um problema em potencial com a versão AppAssure 5.4.2.189 que pode temporariamente impedir o acesso a alguns pontos de recuperação em cores que passam por determinadas condições de falha ou de carga. Em casos extremos, esse problema pode causar a perda de pontos de recuperação. Todos os clientes que utilizam a versão 5.4.2.189 devem atualizar imediatamente para a versão 5.4.2.228 ou posterior (5.4.2.230 ou posterior para o Linux).

Produtos afetados: A versão 5.4.2.189 do AppAssure é a única versão afetada. A versão anterior, 5.4.1.77, não é afetada. Todas as versões posteriores a 5.4, começando com 5.4.2.192, também não são afetadas.

Detalhes: Na versão 5.4.2.189, foi feita uma alteração à lógica rollup que a protege contra modos de falha, tais como perda de energia ou falha catastrófica no controlador de armazenamento. Essa alteração inadvertidamente introduziu a possibilidade de que pontos de recuperação pudessem ser isolados, caso um agente em particular possuía quaisquer pontos de recuperação que a) não possuem um ou mais volumes, ou b) falharam ao realizar uma verificação de montagem Exchange ou verificação de

Capacidade de anexação do SQL. Cores que já estão operando normalmente, sem pontos de recuperação incompletos ou falhas em verificações de pontos de recuperação, não são afetados.

É provável que os pontos de recuperação isolados possam ser reparados com a assistência do Atendimento ao Cliente. Entretanto, em alguns casos, esses pontos isolados não podem ser recuperados. Portanto, todos os clientes devem atualizar para a versão 5.4.2.228 ou posterior o quanto antes. Os clientes que não conseguem atualizar imediatamente devem desabilitar o rollup até que seja possível realizar a atualização.

- 2 Como parte das alterações feitas para melhorar o desempenho do aplicativo, o AppAssure 5.4.1 e posterior representa pontos de recuperação de maneira diferente das versões anteriores. Ao atualizar o AppAssure 5.3.x para o AppAssure 5.4.1 ou posterior, incluindo esta versão 5.4.2, pontos de recuperação existentes serão convertidos para a nova representação. **Por esse motivo, não é possível fazer o downgrade de uma instalação do 5.4.x para o 5.3, a menos que você recrie seu repositório.**

Para conferir o que foi alterado desde a versão 5.4.1, consulte [Recursos](#) e [Aprimoramentos](#).

NOTA: Quando o core é iniciado pela primeira vez após a atualização do AppAssure 5.3.x para o AppAssure 5.4.x, os pontos de recuperação existentes são convertidos para a nova representação. Esse processo levará aproximadamente o dobro do tempo do carregamento dos mesmos pontos de recuperação nas versões anteriores. No entanto, após essa conversão inicial, carregar pontos de recuperação será significativamente mais rápido do que nas versões anteriores.

Se decidir não instalar essa versão neste momento, a Dell Software recomenda a atualização para o AppAssure 5.3.7 para que você aproveite as últimas correções na base do código da 5.3. Para obter mais informações sobre o AppAssure 5.3.7, consulte as Notas de versão do AppAssure 5.3.7.

Recursos

A lista a seguir inclui novos recursos para o AppAssure 5 na versão 5.4.2.

- **Arquivo e importação em nuvem.** O AppAssure 5.4.2 oferece agora novos recursos da nuvem relacionados ao arquivamento e recuperação de seu armazenamento de dados de longo prazo e gerenciamento do acesso a suas contas em nuvem.
 - **Arquivo para a nuvem.** Ao arquivar seus dados para retenção de longo prazo, agora é possível armazenar seus arquivos para destinos de armazenamento em nuvem, incluindo o Amazon S3, Microsoft Azure, Rackspace e outras plataformas de armazenamento dependendo dos padrões do OpenStack.
 - **Importação da nuvem.** Ao oferecer suporte ao arquivamento baseado em nuvem, também é possível importar seus dados arquivados no AppAssure 5 Core transmitindo diretamente de um destino de armazenamento em nuvem que você associa ao seu Core.
 - **Gerenciamento do acesso da nuvem.** Ao oferecer suporte ao arquivamento e importação baseados em nuvem, agora é possível gerenciar suas contas da nuvem no menu Ferramentas do Core selecionando Nuvens e adicionando ou removendo contas.
- **Certificação FIPS.** DellAppAssure 5.4.2 ganhou a validação FIPS 140-2 Nível 1 do Instituto Nacional de Padrões e Tecnologia do Governo dos EUA (NIST). O FIPS 140-2 é um padrão de segurança do governo dos EUA utilizado para certificar módulos de criptografia. Esta criptografia certificada pelo governo é exigida por muitas organizações governamentais (federais, estaduais e locais), instituições financeiras e empresas do setor da saúde ou de biotecnologia. Para obter mais informações, veja a certificação 2143 localizada no NIST 140-1 e diretório de certificação -2 em <http://csrc.nist.gov/groups/STM/cmvp/documents/140-1/1401val2014.htm>.

Essas informações ainda não aparecem na documentação dos produtos. Elas estão disponíveis apenas nessas Notas de versão.

- **Pesquisa avançada do Mailbox Restore para Exchange 2013.** A versão do Mailbox Restore inclusa no AppAssure 5.4.2 agora oferece a capacidade de realizar uma pesquisa avançada de armazenamentos de dados do Exchange 2013. Semelhante ao recurso para o Exchange 2007 e 2010, o recurso de Pesquisa avançada para o Exchange 2013 permite que você especifique sua pesquisa de itens adicionando especificadores como De, Para, Assunto, Data e Tamanho a uma lista de critérios de pesquisa.

Um procedimento para este recurso ainda não aparece no *Dell AppAssure Mailbox Restore para o Guia do usuário do Exchange*.

Aprimoramentos

A lista a seguir inclui os aprimoramentos para o AppAssure 5 na versão 5.4.2.

- **Melhorias nos recursos do arquivo.** O AppAssure 5 aumenta sua capacidade de gerenciar arquivos ao oferecer os seguintes aprimoramentos:
 - **Arquivo programado.** Agora é possível programar arquivos de forma recorrente, escolhendo arquivos diários, semanais ou mensais. Esse recurso oferece suporte a arquivos locais, de rede e em nuvem.
 - **Arquivo adicional.** No passado, um arquivo era selado depois de criado. Agora é possível adicionar pontos de recuperação incremental a qualquer arquivo existente, armazenando apenas as alterações desde o último arquivo.
- **Suporte elevado para virtualização.** O AppAssure 5 agora oferece suporte para a última geração de máquinas virtuais para plataformas virtuais suportadas.
 - **Exportação virtual para VMs Geração 2 Hyper-V.** Agora, na versão 5.4.2, o AppAssure 5 oferece suporte a máquinas virtuais da geração 2 do Hyper-V, que é compatível com o firmware da Interface Unificada de Firmware Extensível (UEFI), Secure boot, SCSI boot e suporte de inicialização de rede via PXE. O AppAssure 5.4.2 adiciona a opção para realizar a exportação virtual para esse novo tipo de máquina virtual para hosts Windows 8.1 e Windows 2012 R2. Somente máquinas protegidas com os seguintes sistemas operacionais de UEFI oferecem exportação virtual para a geração 2 do Hyper-V: Windows 8, Windows 8.1, Windows Server 2012 e Windows Server 2012 R2.
 - **Suporte para VMs VMware/ESXi.** O AppAssure 5 agora oferece suporte à exportação para a versão 10.0 do VMware Workstation, e para plataformas do servidor, exportação para a versão 5.5 do ESXi e vSphere 5.5. Isso inclui exportação virtual e implementação em massa. Essas VMs introduzem suporte ao controlador SATA, memória máxima aumentada e suporte agrupado ao Hyper-V.

Para a exportação virtual, como o VMware Workstation é um aplicativo de área de trabalho, é necessário selecionar a versão específica do VMware ao definir uma exportação virtual (uma vez ou contínua). Como o ESXi e o vSphere são aplicativos baseados em servidor com APIs nativas, não é necessária uma designação de uma versão específica a partir do AppAssure 5. Quando você define informações de conexão do host virtual, a versão adequada é detectada automaticamente.
- **Aprimoramentos da GUI.** Os seguintes aprimoramentos estão inclusos na versão 5.4.2 do AppAssure.
 - **Resumo do painel.** A página de resumo conhecida do painel do AppAssure utilizada em versões anteriores à 5.4.1 foi restaurada na versão 5.4.2. A página inicial do Core fornece um resumo de máquinas e clusters protegidos, máquinas replicadas e agentes (órfãos) apenas de ponto de recuperação. Para cada um, você tem uma visualização do status da máquina, o repositório ao qual cada máquina está associada, número de pontos de recuperação, o último snapshot e a quantidade total de espaço consumido pelas máquinas protegidas.
 - **Guia de início rápido do Core.** O recurso Guia de início rápido introduzido na versão 5.4.1 agora foi renomeado como Guia de início rápido do Core na tela de abertura, e o link do menu Ajuda agora utiliza a terminologia correta, Guia de início rápido.
 - **Biblioteca de documento atualizada.** Clicar no logotipo da Dell no AppAssure 5 Core agora leva você a nossa biblioteca de documentação da Dell no site de apoio da Dell, na qual você tem acesso a nosso conjunto completo de documentação.
- **Suporte aprimorado para SQL Server.** A versão 5.4.2 inclui os seguintes aprimoramentos:
 - **O AppAssure 5.4.2 Core e Agent oferecem suporte para SQL Server 2014.** O AppAssure 5.4.2 inclui agora o suporte completo para Microsoft SQL Server 2014. É possível proteger as máquinas ou clusters com o agente do SQL Server 2014 no Core, e no AppAssure Core na versão 5.4.2, é possível gerenciar a capacidade de anexação do SQL para SQL Server 2014, incluindo habilitar verificações noturnas da capacidade de anexação e forçando verificações de capacidade de anexação sob demanda.
 - **Suporte do DocRetriever for SharePoint 5.4.2 para SQL Server 2014.** Para o DocRetriever, todos os recursos que funcionaram com as versões anteriores do SQL Server também são

suportados pela versão 5.4.2. É possível usar um arquivo de cópia de segurança do SQL Server 2014 nativo como uma fonte de recuperação (assim é possível restaurar diretamente do SharePoint), e recuperar objetos do SharePoint dos bancos de dados do SQL Server 2014.

- **Alterações na ajuda contextual.** As versões mais antigas do AppAssure 5 apresentavam arquivos de ajuda, denominados anteriormente como “ajuda online”. A versão 5.4.2 inclui arquivos de ajuda expandidos, que agora são denominados “ajuda contextual” ou CSH. No AppAssure 5 Core Console, ao clicar no ícone de interrogação azul, aparece uma janela do navegador, com um número selecionado de tópicos no quadro de navegação esquerdo. O conteúdo pertinente ao tópico clicado aparece no quadro de conteúdo de ajuda principal à direita. A qualquer momento, a árvore de navegação expande para mostrar a localização em sua hierarquia no tópico selecionado.

A CSH inclui as seguintes alterações nesta versão:

- **A organização da árvore de navegação segue agora a estrutura do Guia do usuário.** No quadro esquerdo de navegação para a CSH, os tópicos-raiz agora são organizados como aparecem no *Guia do usuário do AppAssure 5*. Nesta versão, os tópicos pertinentes ao Portal de licenças do Dell AppAssure continuam aparecendo como tópico secundário, “Sobre como obter uma chave de licença”.
 - ❗ **NOTA:** O conteúdo relacionado ao Portal de licenças do Dell AppAssure foi preterido na CSH, e será removido em uma versão futura, pois as informações mais recentes sempre aparecem no *Guia de usuário do portal de licenças do Dell AppAssure*, que está em um ciclo de lançamento diferente do que o software AppAssure 5.
- **Acesso total ao conteúdo do Guia do usuário.** Agora é possível procurar todo o conteúdo do Guia do usuário do AppAssure 5 de dentro do sistema de ajuda contextual.
- **Novo tópico para gerenciar contas da nuvem.** Há uma nova referência de Ajuda no AppAssure 5 Core Console (no Core, clique em Ferramentas e clique em Nuvens). Este tópico de ajuda inclui as informações que abordam nossos novos recursos relacionados ao arquivamento e importação de contas de nuvem.
- **Ajuda no produto atualizada para o DocRetriever for SharePoint.** A Ajuda no produto atualizada agora está disponível no Console do DocRetriever. No menu Ajuda, selecione **Ajuda do DocRetriever for SharePoint** (ou pressione F1 em seu teclado). Uma janela independente aparece, utilizando o formato Microsoft Compiled HTML (CHM). A Ajuda atualizada inclui o conteúdo completo do *Guia de usuário do DocRetriever for SharePoint, versão 5.4.2*, e substitui o conteúdo de legado do *Guia de instalação do DocRetriever for SharePoint*.

Problemas resolvidos

A lista a seguir descreve os problemas resolvidos do Windows nessa versão.

Tabela 1. Problemas resolvidos do Windows

Problema resolvido	ID do problema
Novo snapshot é usado como imagem de base após a BMR	03587
Exibição incorreta de estatísticas do repositório	13709
A exportação do VirtualBox falha para volumes criados em um disco de 2 TB (VhdException tamanho máximo em disco virtual do VHD é 2040 GB)	17050
As máquinas EFI 8 (8.1)/2012 (2012 R2) são inicializáveis após a BMR	17349
O Serviço do Core falha durante a chamada para o portal de licenças	17394
A montagem do ponto de recuperação incremental não é acessível após o chkdsk da unidade C: na máquina do Agent	17616
A verificação de capacidade de montagem para os bancos de dados do Exchange 2013 a partir do Windows 2012 R2 falha com o erro “Não foi possível inicializar a sessão do JET”	18699

Tabela 1. Problemas resolvidos do Windows

Problema resolvido	ID do problema
O ponto de recuperação órfão aparece após o hard-reset ou processo de encerramento durante um trabalho de rollup (Erro ao obter o tamanho do ID do arquivo RPFs 'DvmBadRecord')	18960
PowerShell: Falha ao executar o comando 'new-mount' com a opção '-localdrive'	19026
Valor incorreto do "Próximo snapshot" após a Restauração do Core	19116
Os arquivos AALog não são removidos após a desinstalação do Agent, quando o Agent estiver sob proteção	19284
A máquina não é inicializável com o erro 'BOOTMGR ausente' após a reversão somente do volume C:, se o Agent original inicializou a entrada no SRP ou em qualquer outro volume fora do sistema. Reparar problemas de inicialização não corrige isso.	19464
A mensagem de erro 'Arquivo zip está ausente ou contém dados inválidos' aparece se o Core installer estiver sendo executado (Windows Server Core)	19586
Às vezes, imagens de volume duplicadas aparecem no repositório	19637
Baixo desempenho ao recuperar metadados do cluster	19911
Não há capacidade para restaurar a configuração do Core 5.3.6 para o Core 5.4.1	19937
Sem capacidade de criar repositório com tamanho maior do que 16 TB, independentemente do tamanho da unidade de alocação do FS	19988
O snapshot da imagem de base deve ser tirado em vez do snapshot incremental se você desinstalar o software do Agent (deixando o Agent sob proteção) e reinstalar o software do Agent	20026
Não há qualquer possibilidade de realizar a restauração por meio do CD de inicialização com o mapeamento de volume manual (IE 8)	20083
O trabalho de rollup é desabilitado (como parte do trabalho noturno) após a atualização da criação da versão 5.3.6 para a 5.4.1	20168
O trabalho de truncamento de log é desabilitado (como parte do trabalho noturno) após a atualização da criação da versão 5.3.6 para a 5.4.1	20169
A exportação do próximo Standby virtual falha após a remoção do volume do grupo de proteção	20176
Implementar o Agent falha com o erro 'Não foi possível se conectar ao servidor remoto' para o ambiente específico	20184
Recuperar volumes com falha com o erro 'DmvUnmountFailed' se o armazenamento externo tiver estado estrangeiro	20188
Uma extensão com nome 'databasesGrid' já invalidou o erro que aparece ao expandir o segundo AG na grade AG do SQL Server na guia Resumo do cluster	20211
A importação do arquivo incremental criada a partir de poucos Cores falhou com "Uma localização de restauração corrompida foi especificada:"	20232
As transferências não são iniciadas para o Agent depois que o trabalho de transferência foi cancelado durante a atualização automática	20348
Não é possível iniciar o trabalho da fila se um trabalho bloqueado falhar	20404
Falha na exportação VirtualBox (PowerShell) via PowerShell com erro: "Não foi possível executar uma tarefa de exportação."	20424
Os MountPoints não são excluídos ao iniciar o serviço do Core se o desligamento anterior do Core foi anormal	20441
A partição da recuperação perde seu tipo de partição e id após a BMR	20504
Não há capacidade para proteger o volume sem letra ou montado como pasta NFTS com o PowerShell	20538
Eventos BMR do appliance não são exibidos na lista de eventos nos grupos de notificação	20726
AACMD: Há capacidade para forçar o rollup via aacmd para o Agent replicado com o modo de replicação antigo	20740

Tabela 1. Problemas resolvidos do Windows

Problema resolvido	ID do problema
A mensagem de erro 'Não foi possível criar uma classe abstrata' aparece e o Agent não é adicionado à Replicação ao tentar configurar a replicação com uma unidade de propagação a partir do Core 5.3.7 para o 5.4.1	20910
Falha na montagem do repositório no Windows 2012 R2 em casos específicos	20916
A exportação do ESX(i) para SS incremental falha de forma aleatória com o erro 'Microsoft.SqlServer.Management.Smo.FailedOperationException: O compartilhamento de rede não está disponível'	21008
Comportamento incorreto das definições de programação da replicação	21190
Não há capacidade para estabelecer a replicação via Assistente de replicação devido a problemas do modelo se muitos agentes forem protegidos pelo Core	21219
A lista de máquinas protegidas, "Somente pontos de recuperação" e "Máquinas replicadas" devem ser exibidas na guia Página principal do Core	21220
Problemas de desempenho do Core com muitos agentes protegidos	21222
O Core falha com AccessViolationException na etapa Exportar pós-processamento se o registro do Agent tiver mais de 65535 teclas	21280
O console do LMU não está exibindo clusters	21295
A última data de exportação não altera após forçar uma exportação	21296
Alguns repositórios não podem ser montados quando os cores encontram erros não fatais durante o estágio "verificando repositório"	21300
Validação incorreta de espaço livre para a exportação Hyper-V	21331
O Console central não inicia se o administrador do domínio logado for um membro de grupos com recorrência	21344
Trabalho noturno não está sendo executado no ambiente corporativo	21409
Três arquivos .LOG são criados a cada minuto no C:\Windows\Temp quando o serviço do Agent está em execução	21479
A verificação da integridade dos pontos de recuperação não deve iniciar em paralelo com a capacidade de anexação ou com a verificação de soma de verificação durante trabalhos noturnos	21504
Não foi possível iniciar o trabalho de exportação com o aviso "a corrente de RP não está completa"	21529
Os pontos de recuperação sendo carregados foram encerrados, bloqueio na ConcurrentList	21550
A máquina é reiniciada durante o trabalho de implementação apesar de a marcação "Após a instalação, reiniciar a máquina automaticamente" não estar selecionada	21576
Não há a capacidade para usar certificado personalizado do servidor	21603
A exportação Hyper-V contínua falha com o "System.IO.IOException: O processo não pode acessar o arquivo '\\...disk1.vhd', pois ele está sendo usado por outro processo"	21619
A notificação por e-mail não funciona para múltiplos trabalhos de segundo plano	21682
O cancelamento de trabalho pode não cancelar tarefas internas	21701
Não há capacidade para selecionar mais de 10 agentes nas listas de replicação "Entrada" ou "Saída" na guia Replicação	21767
O resumo de operação MD5 falhou com o resumo esperado para o bloco 0, mas estava em 1. O número de blocos na fila é 6	21796
Um arquivo criado no AppAssure 5.3.7 às vezes falha para importação no AppAssure 5.4.2	21817
O serviço do Core encerra devido a uma exclusão atrasada	22075
Modo de replicação incorreto após a reinicialização	22168
Replicação parada (o trabalho está em estado ativo permanentemente)	23268

Tabela 1. Problemas resolvidos do Windows

Problema resolvido	ID do problema
O trabalho rollup sempre tem o status "Em fila" caso haja permanentemente transferências ativas	23466
Falhas e erros de exportação Hyper-V contínua aparecem ao tentar editar configurações de exportação para agentes após atualizar para a versão 5.4.2 ou mais recente	23470
Falhas de montagem com o erro "Falha no TevoMountReplay com erro -2147024873 (0x80070017 - Erro de dados (verificação de redundância cíclica))" para o RP criado com a versão do agente 5.3.1/5.3.2	23522
Botão de excluir para RP de Adicional de Base exclui ambas as cadeias de RP	23538
Os Modelos de Programa de Transferência não funcionam para "Seg-Sex"	23547
A fila de verificação de soma de verificação está quebrada	23586
Um problema em potencial com a versão AppAssure 5.4.2.189 pode temporariamente impedir o acesso a alguns pontos de recuperação em cores que passam por determinadas condições de falha ou de carga. Em casos extremos, esse problema pode causar a perda de pontos de recuperação. Todos os clientes que utilizam a versão 5.4.2.189 devem atualizar imediatamente para a versão 5.4.2.228 ou posterior.	23630
O intervalo de proteção não salva corretamente no Programador Wizard no IE9	23779
Uma nova instância de adaptador Ethernet foi adicionada à VM exportada durante o trabalho de exportação de Hyper-V contínuo	23815
O módulo PowerShell não funciona no Windows em localizações que falam o idioma inglês	23838
A lógica de dupla exclusão não deve ser realizada para arquivos RDFS após encerrar o processo AppAssure Core enquanto a exclusão atrasada ainda está em progresso	23844
Pontos de recuperação isolados aparecem após o rollup em casos específicos	23909

A lista a seguir descreve os problemas do Linux resolvidos nessa versão.

Tabela 2. Problemas de Linux resolvidos

Problema resolvido	ID do problema
Problema com módulo: Não foi possível interromper o Blk-snapshot ou cancelar o snapshot para dispositivo desmontado	15744
O rollback BMR falhou com um erro de tempo limite e leve bloqueio no Centos 32 bits.	16866
O BMR falhou no início do processo de restauração com erro de tempo limite (sistemas de 32 bits e 64 bits).	16889
O BMR falhou no começo com erro de tempo limite em sistemas de 32 e 64 bits	16889
O Core não pode se conectar ao LiveCD durante o BMR	19492
Problema com BMR: Ao iniciar, é bloqueado devido à seleção do volume específico com o seguinte erro: Somente os volumes NTFS podem ser encolhidos	19697
Falha de snapshots para backups de volume grande (5 TB) para agente Linux (5.3.6.125) com o erro "Compensação de operação de cópia '22909288448' comprimento '4194304' falhou com o erro 'EBADF - Descritor de arquivo corrompido' .	19718
A transferência do volume 5 TB falha após 10 minutos de transferência com um erro: "Compensação de operação de cópia '22909288448' comprimento '4194304' falhou com o erro 'EBADF - Descritor de arquivo corrompido'"	19718
Problema com o PostExport: O script falha com System.NullReferenceException: Referência de objeto não definida para um objeto	20025
As cópias de segurança falham aleatoriamente devido a bloqueios no ouvinte http.	20179

Tabela 2. Problemas de Linux resolvidos

Problema resolvido	ID do problema
Não foi possível montar os pontos de recuperação dos volumes XFS desalinhados com os tamanhos de bloco 512 e 1024	20919
O módulo não consegue realizar a transferência de um volume XFS quando há uma grande quantidade de atividade nele	21032
Solicitações durante imagem de base em máquinas físicas e virtuais em novos kernels do Linux	21041
Problema quando o módulo falha se o armazenamento de dados for criado no volume EXT3 após removê-lo e o dispositivo do snapshot for aberto durante esse momento	21103
Problema no aamount durante a reversão do XFS, EXT4 e EXT3 após receber uma mensagem informando que o disco está cheio	21189
Problemas com grandes volumes de suporte do sistema de arquivos EXT4	21341
Não é possível receber informações do volume XFS e problemas corrigidos com a determinação de dados utilizados	21342
Deteção incorreta do tipo de máquina virtual para o agente do Linux	21436
Não há a capacidade para verificar a integridade do armazenamento de dados no estágio de pré-transferência	21516
Há problemas com um armazenamento de dados restaurado em um sistema de arquivos EXT3	21695
Não há capacidade para configurar a porta do mecanismo de reprodução para o aamount	21803
A verificação de armazenamento de dados do agente não funciona para armazenamento de dados de tamanho não padrão	23308
A verificação do armazenamento de dados falha após fazer a atualização da versão 5.4.1.21041 para a 5.4.2	23427
Recrie o armazenamento de dados se a verificação do armazenamento de dados falhar durante a atualização	24110

A lista a seguir descreve os problemas resolvidos do Mailbox Restore nessa versão.

Tabela 3. Problemas resolvidos do Mailbox Restore

Problema resolvido	ID do problema
Modelo incorreto na janela do “Assistente de manutenção de bancos de dados”	14860
Itens estranhos são exibidos após abrir um Banco de dados de pasta pública para o Exchange 2010	16301
Restauração de itens criados ou atualizados recentemente da cópia mais atual do banco de dados para a mais velha se a opção “Sobrescrever caso seja mais recente” for escolhida dentro de Restaurar assistente	20079
O Mailbox Restore encerra por algum tempo ao abrir um EDB sem um caminho do sistema do banco de dados especificado	20911
Comportamento incorreto quando as mensagens não forem exibidas após apagar o histórico de pesquisa e clicar na pasta em que a pesquisa foi realizada	20957
Regras de e-mail duplicado após Restaurar ao local original com a opção “Restaurar apenas diferenças” selecionada	21024
O erro “Não foi possível se conectar ao serviço de restauração do MAPI” aparece ao abrir o Mailbox Restore em uma máquina sem o Outlook instalado	21297
O erro “Valor de ‘-25’ não é valido para o Tamanho...” aparece após uma atualização	21310
Tarefa sem uma data não foi exibida corretamente	21349
Ao abrir informações de um banco de dados, o banco de dados fica preso em “Recuperando mensagens” após uma atualização	21351

Tabela 3. Problemas resolvidos do Mailbox Restore

Problema resolvido	ID do problema
O Mailbox Restore falha com o erro "Referência de objeto não definida para uma instância de um objeto" para o Exchange 2013	21467
Não foi possível localizar mensagens por endereço de e-mail armazenadas em dados de destinatários	21476
Ordem alfabética implementada para caixas de correio	21512
O Mailbox Restore falha com o erro "JET_errKeyDuplicate, Chave duplicada ilegal"	21582
Não há resposta ao selecionar os mesmos arquivos PST primários e de extravasamento no Restaurar assistente	21602

A lista a seguir descreve os problemas do DocRetriever resolvidos nessa versão.

Tabela 4. Problemas resolvidos do DocRetriever

Problema resolvido	ID do problema
Informações de direitos autorais incorretas na tela de abertura	12942
Não foi possível restaurar a conjunção de publicação do blog e console de comentários	14614
Problema ao detectar o servidor de front-end do agente para o servidor único	15598
Não foi possível restaurar as partes da web enquanto o subsite está sendo restaurado	17352
O conteúdo do calendário não é exibido após uma restauração para o SharePoint 2007	18931
O nome da opção do menu "Definições" e o nome real do assistente não são os mesmos	19486
Ícone incorreto para a opção do menu "Reproduzir ponto de recuperação"	19589
Nome incorreto da cópia de segurança do SQL após abertura no console do DR	20698
O erro "Erro SQL ocorreu para o banco de dados..." aparece se o Banco de dados de conteúdo do SharePoint for desanexado e um farm for aberto no DocRetriever	21230
Há mensagens vazias dentro do registro de restauração depois que o site do blog é restaurado	21372

A lista a seguir descreve os problemas de documentação resolvidos nessa versão.

Tabela 5. Problemas de documentação resolvidos

Problema resolvido	ID do problema
Cada documento do AppAssure inclui um índice que não é mais necessário. Como toda a documentação do AppAssure 5 agora está disponível em formato PDF e em HTML em nosso site de suporte , e é pesquisável utilizando essas ferramentas, os índices foram removidos, pois foram considerados supérfluos.	21902
Não há informações sobre suporte limitado para volumes de cluster compartilhados. As informações sobre suporte limitado para volumes de cluster compartilhados que apareceram nas Notas de versão para o AppAssure 5 versão 5.4.1 foram adicionadas ao Guia do usuário do AppAssure 5, Capítulo 4, no novo tópico "Suporte limitado para volumes de cluster compartilhados".	21967

Problemas conhecidos

A seguinte lista descreve os problemas de software do Windows, incluindo os atribuídos a produtos de terceiros, conhecidos no momento do lançamento.

Tabela 6. Problemas conhecidos de software do Windows

Problema conhecido	ID do problema
A montagem do ponto de recuperação com volumes de armazenamento de instância única deve ser desativada nos Cores que utilizam um sistema operacional que não tem suporte SIS	15072
A replicação falha com o erro 'A sequência contém mais de um elemento de correspondência' devido às duplicações de pastas na área do ordenamento	16281
A verificação do repositório falha com o erro "FSIncomplete" após remontar volumes usando a guia Appliance	17860
BSOD aparece na máquina do Core no Windows 2012 R2 se muitas tarefas ativas forem realizadas enquanto uma montagem estiver em andamento	19305
Somente a primeira partição de um disco com poucas partições é exibida nos metadados do cluster (Windows 2003)	19739
O processo do LMU está sempre executando em segundo plano	19949
O primeiro trabalho de replicação é iniciado enquanto a transferência estiver em andamento	20220
As credenciais do Agent não são criptografadas no XML de saída da solicitação da API	20578
Vazamento da memória intermediária: Uma memória intermédia ad-hoc do tipo System.UInt64 está sendo finalizada quando deveria estar sendo descartada	21123
Um vazamento de memória pode ocorrer na montagem de um repositório em um caso específico	21273
A máquina não é inicializável após a exportação ESXi se a chave de início do driver LSI_SAS estiver definida para 3 no Agent. Observe que na Revisão B 5.4.2 dessas notas de versão, esse defeito foi classificado incorretamente como um problema resolvido. Esta é a única alteração na Revisão C.	21329
O Core falha com AccessViolationException se algumas imagens de volume tiverem o tamanho incorreto do cabeçalho do arquivo RPFS	21541
Registro de exclusão duplo pode ocorrer se o Core falhar durante a exclusão do arquivo RPFS do índice	21575
Problemas com a desmontagem de peças de montagem ao interromper o Serviço do Core	21633
A guia Pontos de recuperação do Cluster replicado/cluster e a guia Configuração não estão disponíveis após uma atualização se novos pontos de recuperação não foram criados	21688
As definições personalizadas do alerta não se aplicam para um agente	21704
A verificação de soma de verificação para o Exchange 2013 falha com o erro 'discordância da verificação de soma de verificação'	21717
Não há capacidade de alterar as credenciais do SQL a partir da GUI do Core	21734
A porta personalizada não é aplicada ao Core durante a instalação	21808
Às vezes, a GUI não responde durante a verificação do repositório	21821
Não foi possível abrir o Central Management Console com o protocolo FIPS 140-2 ativado	21830
A injeção de drivers não funciona no Windows 2003, 2008 ou XP	21868
O serviço do Central Management Console pode não iniciar automaticamente após uma reinicialização do sistema	21874
O Windows 2012 não é suportado para exportação EC2	22025
A importação a partir do arquivo com cópias de segurança incrementais de diversos Cores falha com o erro "O valor não pode ser nulo. Nome do parâmetro: path1".	22141
Tamanho incorreto do arquivo é exibido durante uma importação de um arquivo de segmentação automática a partir de uma nuvem	22161
A taxa de deduplicação é redefinida para 0% após reiniciar o Serviço do Core	23195

A seguinte lista descreve os problemas de software do Linux, incluindo os atribuídos a produtos de terceiros, conhecidos no momento do lançamento.

Tabela 7. Problemas conhecidos de software do Linux

Problema conhecido	ID do problema
Após atualizar em SUSE Linux Enterprise Server (SLES) de 64 bits, o módulo kernel não é criado após a reinicialização, com o erro: FATAL: Módulo appassure_vss não encontrado.	14598
O desempenho da exportação virtual é baixo para os volumes do Gerenciador de volume lógico (LVM).	16151
O módulo appassure_vss não é carregado automaticamente no kernel de não instalação	16525
A reversão de máquina Linux usando AAMOUNT completa para os volumes ext3, ext4, ou XFS colocados em um único disco, mas indica erro de I/O ao gravar o arquivo de saída com o erro: Falha na reversão.	18955
Após a exportação virtual do ESX ou Hyper-V para SUSE Linux Enterprise Server (SLES) 64 bits, a VM exportada não é inicializável.	19064
No módulo kernel do Linux, corrija problemas de armazenamento de bitmap, incluindo arquivos inconsistentes no ponto de recuperação de montagem, dados inconsistentes que precisam ser revertidos e possíveis inconsistências no volume raiz.	19335
O Core não chama o FixbootRequest durante a BMR de partição automática	19760
Para um ambiente específico, o instalador falha se o OS não possuir cabeçalhos kernel para imagens kernel do Linux previamente instaladas no repositório.	20462
Não há capacidade para salvar o ID do agente depois que ele for reinstalado	21511
Não foi possível instalar o agente no modo não interativo	21517
Não há etapa de "criação de swap" no script de pós-exportação	21648
A máquina com SLES não pode ser inicializada depois de uma BMR por causa do arquivo device.map	21849
Não foi possível atualizar para 5.4.2 da criação 5.4.1 personalizada que repara o defeito 21041 do Linux resolvido	22177

A seguinte lista descreve os problemas do software Mailbox Restore conhecidos no momento do lançamento.

Tabela 8. Problemas conhecidos de software do Mailbox Restore

Problema conhecido	ID do problema
A mensagem "Um ou mais arquivos do banco de dados estão ausentes" deve aparecer ao tentar abrir um banco de dados excluído da guia "Bancos de dados abertos recentemente"	19579
O corpo de mensagens RTF não foi exibido corretamente	19788
Efetuar login durante uma restauração faz com que o processo falhe ou se encerre	20109
Os endereços de e-mail do campo "Bcc" são duplicados nos campos "Para" e "Cc"	21732
Falha na pesquisa com o erro "O valor não pode ser nulo" ao pesquisar uma mensagem utilizando os critérios "Cc/Bcc" e "está vazio/não está vazio"	21750
É possível abrir uma janela de Pesquisa avançada para editar durante o processo de pesquisa clicando duas vezes	21871
Algumas caixas de correio de usuário são duplicadas e o erro "Nenhuma tabela ou objeto" é exibido quando elas são expandidas em um EDB específico	21921
O Assistente de manutenção de bancos de dados não está disponível para o Exchange 2013	21997

A seguinte lista descreve os problemas do software DocRetriever conhecidos no momento do lançamento.

Tabela 9. Problemas conhecidos de software do DocRetriever

Problema conhecido	ID do problema
O Console não restaura uma lista fora de local que possui uma propriedade 'Tipo de conteúdo do site'	14577
Pesquisar por nome do contêiner não irá funcionar	17887
A mensagem de erro "Falha ao criar a lista WebParts" aparece na janela "Restaurar registro", apesar de a webpart ter sido restaurada com sucesso	18804
Resultados incorretos de pesquisa são exibidos após escolher a opção "Tem anexo" das opções de pesquisa "Procurar em:"	19477
Não é possível configurar um caminho de localização do banco de dados do serviço do DR válido após especificar primeiro um caminho inválido	19502
"Erro geral. A mensagem informativa "Consulte o log para detalhes" aparece se a pasta-raiz for definida como localização do banco de dados de serviço do DR SP	20435
A exceção "A conversão especificada não é válida" é exibida quando um valor vazio é definido para o campo "Data de criação" ou "Modificado pela última vez" de uma pesquisa realizada	20959
A lista de versão de um documento não foi restaurada	21352
A "Publicação" do webpart é restaurada duas vezes em vez de apenas uma	21371

A seguinte lista descreve os problemas de documentação conhecidos no momento do lançamento.

Tabela 10. Problemas conhecidos de documentação

Problema conhecido
Foram feitos esclarecimentos nos requisitos do sistema nessas Notas de versão para os componentes do AppAssure 5 Core e AppAssure 5 Central Management Console para indicar que a instalação do .NET framework (versão 4.0x) é necessária em qualquer máquina com agente protegido AppAssure 5. Essas informações foram anexadas à seção que indicava corretamente que o .NET Framework 4.5 é necessário em computadores que executam o Windows 8, Windows 8.1, Microsoft Windows Server 2012 e Microsoft Windows Server 2012 R2.
Ao instalar o software AppAssure 5 Core ou Central Management Console, o instalador verifica a presença do componente Microsoft .NET adequado como parte dos pré-requisitos, e se já não estiver presente, a versão necessária do .NET Framework é instalada automaticamente durante a instalação (ou atualização). Essas alterações serão refletidas nos requisitos do sistema para o AppAssure 5 na documentação do produto a partir da versão 5.4.3.
Foram feitos esclarecimentos nos requisitos do sistema nessas Notas de versão para o software do AppAssure 5 Agent para indicar que a instalação do .NET framework (versão 4.0x) é necessária em qualquer agente protegido AppAssure 5. Ao instalar o software Agent, o instalador verifica a presença do componente Microsoft .NET adequado como parte dos pré-requisitos, e se já não estiver presente, a versão necessária do .NET Framework é instalada automaticamente durante a instalação (ou atualização). Essas alterações serão refletidas nos requisitos do sistema para o AppAssure 5 na documentação do produto a partir da versão 5.4.3.

Clicando no ? ícone de ajuda da interface do usuário do AppAssure 5 abre uma janela de navegador que se preenche com a ajuda contextual (CSH). A seguinte lista descreve os chamados de ajuda que resultam na exibição de tópicos de ajuda incorretos no CSH no momento do lançamento.

Tabela 11. Problemas conhecidos da ajuda contextual

Problema conhecido

No AppAssure 5 Core Console, ao clicar diretamente no menu **Máquinas Protegidas**, a guia **Máquinas** aparece. Na guia **Máquinas**, é possível ver o painel de **Máquinas Protegidas**, que lista cada máquina protegida no Core (caso haja alguma). Se abrir a ajuda contextual no painel de **Máquinas Protegidas**, o tópico "Proteção de Uma Máquina" irá aparecer. Proteger uma máquina é uma função possível de se executar. Entretanto, o tópico "Visualização e Gerenciamento de Máquinas Protegidas" é mais adequado para isso. É possível pesquisar por esse tópico no botão **Pesquisar** na seção de ajuda contextual do navegador. Ou, consulte o capítulo 2 do *Guia do usuário AppAssure 5* para ler esse tópico.

No AppAssure 5 Core Console, quando você clicar na guia **Ferramentas** e depois em **Nuvens**, o painel **Nuvens** irá aparecer. Essa parte de UI permite que você associe qualquer conta de armazenamento em nuvem existente que você tem com o seu AppAssure 5 Core para que possa arquivar dados de máquinas protegidas para armazenar na nuvem ou importar dados arquivados do AppAssure 5 para a nuvem. Gerenciar contas em nuvem inclui adicionar, editar, configurar ou remover contas em nuvem para o AppAssure 5 Core para arquivamento e importação.

O tópico de ajuda contextual que aparece desta página é "Criação de uma Imagem ISO do CD de inicialização para o Windows," que está incorreto. O tópico correto que deveria aparecer quando você clica em **Ajuda** nesta página é o "Gerenciando Contas em Nuvem". É possível pesquisar por esse tópico no botão **Pesquisar** na seção de ajuda contextual do navegador. Ou, consulte o capítulo 2 do *Guia do usuário AppAssure 5* para ler esse tópico.

No AppAssure 5 Core Console, quando você seleciona uma máquina do agente protegido, a guia **Resumo** aparece, mostrando informações resumidas sobre a máquina protegida. Se abrir a ajuda contextual no painel de **Resumo**, o tópico "Proteção de Uma Máquina" irá aparecer incorretamente. O tópico "Sobre a guia Resumo" deveria aparecer. Consulte o capítulo 2 do *Guia do usuário AppAssure 5* para ler esse tópico.

Requisitos do sistema

Instale o AppAssure 5 Core em um servidor Windows 64 bits dedicado. Para cada máquina que desejar proteger em um AppAssure 5 Core, instale a versão do software do AppAssure 5 Agent adequada ao sistema operacional da máquina. Dependendo de sua licença e dos requisitos do seu ambiente, pode ser preciso instalar diversos cores. E, opcionalmente, para o gerenciamento remoto de diversos cores, você pode instalar o AppAssure 5 Central Management Console em um computador Windows de 64 bits.

Antes de instalar o AppAssure 5.4.2, verifique se seu sistema atende aos seguintes requisitos mínimos de hardware e software.

△ **CUIDADO:** A Dell não suporta a execução do AppAssure Core em sistemas operacionais Windows Core, os quais oferecem funções de servidor limitadas. Isso inclui todas as edições do Windows Server 2008 Core, Windows Server 2008 R2 Core, Windows Server 2012 Core e Windows Server 2012 R2 Core. Os seguintes sistemas operacionais são suportados para a execução do software AppAssure Agent.

CUIDADO: A Dell não recomenda a execução do AppAssure 5 Core na mesma máquina física que atua como o host do Hyper-V. (Essa recomendação não se aplica a appliances de cópia de segurança e recuperação da Dell).

Tabela 12. Requisitos do sistema

Componente do AppAssure 5	Requisito	Detalhes
AppAssure 5 Core e AppAssure 5 Central Management Console	Sistema operacional	<ul style="list-style-type: none"> • Microsoft Windows 7 (todas as edições x64) • Microsoft Windows 8* (todas as edições x64) • Microsoft Windows 8,1* (todas as edições x64) • Microsoft Windows Server 2008 (todas as edições x64 exceto Windows Server 2008 Core) • Microsoft Windows Server 2008 (todas as edições x64 exceto Windows Server 2008 R2 Core) • Microsoft Windows Server 2012* (todas as edições x64 exceto Windows Server 2012 Core) • Microsoft Windows Server 2012 R2* (todas as edições x64 exceto Windows Server 2012 R2 Core) <p>NOTA: Os sistemas operacionais Windows requerem que o .NET Framework 4.0x esteja instalado para executar o serviço AppAssure Core. Além disso, os sistemas operacionais marcados com * exigem a função/recurso ASP .NET 4.5x. Ao instalar ou atualizar o AppAssure 5 Core, o instalador irá verificar esses componentes com base no OS do servidor Core e irá instalá-los automaticamente, se necessário.</p> <p>Para obter um desempenho ideal, recomenda-se instalar o AppAssure 5 Core no Windows 8.1 (ou mais recente) e Windows Server 2012 (ou mais recente).</p> <p>O AppAssure 5 Core exige o uso de uma plataforma de 64 bits do Windows. Sistemas de 32 bits e sistemas Linux não são suportados.</p>
	Arquitetura	Somente 64 bits
	Memória	8 GB RAM ou superior. A Dell recomenda fortemente o uso da memória ECC (Verificação e correção de erros) para garantir o desempenho ideal dos servidores do AppAssure Core.
	Processador	Quad-core ou superior.
	Armazenamento	Armazenamento por conexão direta, Rede de área de armazenamento ou Armazenamento conectado à rede.
	Rede	1 GB ou superior

Componente do AppAssure 5	Requisito	Detalhes
AppAssure 5 Agent	Sistema operacional	<ul style="list-style-type: none"> • Microsoft Windows XP SP3 (todas as edições) • Microsoft Windows Vista (todas as edições) • Microsoft Windows 7 (todas as edições) • Microsoft Windows 8* (todas as edições) • Microsoft Windows 8,1* (todas as edições) • Microsoft Windows Server 2003 (todas as edições) • Microsoft Windows Server 2008 (todas as edições) • Microsoft Windows Server 2008 R2 (todas as edições) • Microsoft Windows Server 2008 R2 SP1 Core (todas as edições) • Microsoft Windows Server 2012* (todas as edições) • Microsoft Windows Server 2012 R2* (todas as edições) • Microsoft Windows Storage Server 2012* (todas as edições) • Microsoft Windows Storage Server 2012 R2* (todas as edições) • Red Hat Enterprise Linux (RHEL) 6.3 • RHEL 6.4 • RHEL 6.5 • CentOS Linux 6.3 • CentOS Linux 6.4 • CentOS Linux 6.5 • Ubuntu Linux 12.04 LTS • Ubuntu Linux 13.04 • SUSE Linux Enterprise Server (SLES) 11 SP2 • SLES 11 SP3 <p>NOTA: Os sistemas operacionais Windows requerem que o Microsoft .NET Framework (4.0x) esteja instalado para executar o serviço AppAssure Agent.</p> <p>NOTA: Oferecemos suporte às distribuições do Linux incluídas acima, e realizamos testes com a maioria das versões lançadas do kernel.</p> <p>NOTA: Agents instalados no Microsoft Hyper-V Server 2012 funcionam no modo de edição do Core do Windows Server 2012.</p> <p>NOTA: Em agentes Linux, o AppAssure 5 suporta somente os seguintes sistemas de arquivo: ext3, ext4 e xfs.</p> <p>NOTA: A cópia de segurança nativa do Cluster Shared Volumes é suportada somente nos agentes do Windows 2008 R2.</p>
	Arquitetura	32 bits ou 64 bits
	Memória	4 GB ou superior
	Suporte do Microsoft Exchange	Microsoft Exchange 2007 SP1 Rollup 5 ou mais recente, Microsoft Exchange 2010 ou Microsoft Exchange 2013
	Suporte Microsoft SQL	Microsoft SQL Server 2005 ou mais recente

Para obter informações sobre como instalar o AppAssure 5 Core, Central Management Console e software do Agent, consulte o *Guia de implementação do Dell AppAssure 5*. Para obter mais informações sobre como usar o AppAssure 5 Core, consulte o *Guia do usuário do Dell AppAssure 5*. Para obter mais informações sobre como gerenciar licenças do Dell AppAssure 5, consulte o *Guia do usuário do Portal de licenças do AppAssure da Dell*. Para obter mais informações sobre dimensionamento de seu hardware, software, memória, armazenamento e requisitos de rede, consulte o artigo da Knowledgebase do Dell AppAssure 118407, "[Dimensionando implantações do AppAssure 5](#)".

Atualização e compatibilidade

Esteja ciente das seguintes notificações, práticas recomendadas e problemas de compatibilidade ao atualizar para o AppAssure versão 5.4.1 e posterior.

Notificações

- O AppAssure 5.4.x representa pontos de recuperação de maneira diferente das versões anteriores. Ao atualizar para o AppAssure 5.4.1 e posterior, os pontos de recuperação existentes serão convertidos para a nova representação, que não é retrocompatível. Não é possível fazer o downgrade de uma instalação do 5.4.x para 5.3, a menos que você recrie seu repositório.
- Ao iniciar o core pela primeira vez após atualizar de versões anteriores para o AppAssure 5.4.1, a conversão de pontos de recuperação existentes levará aproximadamente o dobro do tempo do carregamento dos mesmos pontos de recuperação nas versões anteriores. No entanto, após essa conversão inicial, carregar pontos de recuperação será significativamente mais rápido do que nas versões anteriores.
- Após atualizar de versões anteriores para o AppAssure 5.4.1, se você tentar configurar uma política de retenção em um core de destino replicado que seja diferente da política de replicação no core de origem, você será solicitado a realizar o novo trabalho de Verificação de integridade do repositório. O mesmo requisito se aplica se você deseja configurar uma política de retenção personalizada para um agente replicado. Executar esse trabalho pode identificar antecipadamente inconsistências nos pontos de recuperação replicados, o que oferece a oportunidade de substituir aqueles com pontos de recuperação livres de erro.
 - △ **CUIDADO:** É previsto que a execução deste trabalho de Verificação de integridade leve um período de tempo prolongado com base nos dados de seu repositório e no sistema de armazenamento subjacente. Enquanto o trabalho está em execução, nenhuma outra transação pode ser executada naquele repositório, incluindo transferências (cópias de segurança do Snapshot e da imagem de base, e replicação), trabalhos noturnos e assim por diante.
- Usuários de qualquer versão beta 5.4 devem atualizar todos os cores e agentes para a versão 5.4.1.77 ou posterior, e é recomendável que atualizem para a versão 5.4.2. A interoperabilidade de versões beta e versões de produção não é suportada.
- Se você decidir não instalar essa versão e estiver usando um AppAssure versão 5.3.6 ou mais antigo, a Dell Software recomenda a atualização para o AppAssure 5.3.7 para que você aproveite as últimas correções. Para obter mais informações sobre o AppAssure 5.3.7, consulte as Notas de versão do AppAssure 5.3.7.

Práticas recomendadas

Ao atualizar a versão do AppAssure 5 em suas máquinas, é importante ter em mente as seguintes práticas recomendadas:

- Sempre atualize o Core antes de atualizar os agentes.
- A máquina do core pode executar uma versão do AppAssure que é a mesma, ou mais recente, que a versão instalada nas máquinas do agente.
- As máquinas do agente não devem executar uma versão do AppAssure mais recente do que a versão instalada no core. Isso é aplicável aos primeiros três dígitos no nome de uma versão (por exemplo, 5.3.7 ou 5.4.2).
- ① **NOTA:** Dentro de uma versão, é aceitável usar diferentes números de compilação. Por exemplo, se usar a implementação em massa ou atualização automática, podem existir diferenças secundárias entre agentes, ou entre um agente e o Core.
- A ordem recomendada dos componentes de atualização seria primeiro o core e depois os agentes.
- Se usar a replicação, sempre atualize o core de destino primeiro, depois o core de origem e, por fim, os agentes.
 - △ **CUIDADO:** Para evitar conflitos com a atualização automática, que pode atualizar máquinas na ordem incorreta, a Dell recomenda que, para usuários de replicação, os administradores façam atualizações manualmente, seguindo a ordem indicada acima.

- O core de origem não deve executar uma versão do AppAssure mais recente do que a versão do core de destino. Para obter detalhes, consulte a matriz de compatibilidade na tabela 9 a seguir.

Compatibilidade

A seguinte tabela de compatibilidade oferece um guia visual com as versões do AppAssure 5, que são compatíveis entre si, entre agentes e cores.

Tabela 13. Compatibilidade entre AppAssure 5 Agent e cores

Agente	5.2x Core	5.3x Core	5.4x Core
5.2x agent	Suportado	Suportado	Não suportado
5.3x agent	Não suportado	Suportado	Suportado
5.4x agent	Não suportado	Não suportado	Suportado

A tabela a seguir exibe a compatibilidade para replicação entre cores de origem e cores de destino.

Tabela 14. Compatibilidade entre cores de origem e de destino do AppAssure 5

Core de origem	5.2x Destino	5.3x Destino	5.4x Destino
5.2x origem	Suportado	Suportado	Não suportado
5.3x origem	Não suportado	Suportado	Suportado
5.4x origem	Não suportado	Não suportado	Suportado

Aplicação de licença do produto

Como atualizar sua chave de licença de teste

Durante a primeira inscrição para testar o AppAssure 5, você recebe uma conta de teste. A chave de licença de teste é automaticamente gerada quando você baixa o software AppAssure 5 Core do Portal de licenças do AppAssure da Dell. Essa chave de licença é gravada no instalador do software AppAssure 5 Core para que você instale o software. Para solicitar uma atualização de sua licença, é necessário entrar em contato com seu representante de vendas da Dell Software ou enviar um e-mail para upgrade@appassure.com. Assim que você tiver atualizado ou adquirido sua licença do AppAssure, você receberá um e-mail que inclui sua nova chave de licença. Você precisa inserir essa chave de licença no Core Console.

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 - 2 Após o registro de conta bem-sucedido, faça logon no Portal de licenças e depois clique em **Downloads** na área de navegação esquerda.
 - 3 Para baixar e instalar o software Core, na página Downloads, clique no botão **Baixar** ao lado do Core Installer ou Core Web Installer conforme apropriado.
- NOTA:** O Core Installer baixa o arquivo executável em uma tarefa, enquanto o Core Web Installer transmite um download da versão mais recente do AppAssure 5 Core installer, que é executada diretamente da Web e permite que você pause e retome o processo conforme necessário. Uma chave de licença de teste é automaticamente gerada e apresentada para você para usá-la para o Core. A chave de licença também é exibida no e-mail de confirmação que você recebe depois de escolher a opção de download.
- 4 Clique em **Executar** nas caixas de diálogo subsequentes para instalar o software.
 - 5 Para baixar e instalar o software Agent, na página Downloads, ao lado da versão do Agent installer de Windows ou Linux que deseja baixar, clique no botão **Baixar**.
 - 6 Clique em **Executar** nas caixas de diálogo subsequentes para instalar o software.
 - 7 Assim que você instalar o software, para atualizar sua licença de teste para sua licença atualizada ou adquirida, inicie o AppAssure 5 Core Console.

- 8 Navegue até a guia **Configuração** e clique em **Aplicação de licença**.
- 9 No painel Detalhes da licença, clique em **Alterar licença**.
- 10 Na caixa de diálogo **Alterar licença**, para carregar um arquivo de licença, faça o seguinte:
 - Selecione **Atualizar arquivo de licenças** e clique em **Procurar**.
 - A partir da caixa de diálogo **Carregamento de arquivo**, localize e selecione o arquivo de licença e clique em **Abrir**.
- 11 Ou, na caixa de diálogo **Alterar licença**, para inserir uma chave de licença, faça o seguinte:
 - Selecione **Inserir chave de licença**.
 - No campo de texto chave de licença, insira a chave de licença e clique em **Continuar**.
- 12 Em **Servidor de licenças**, clique em **Entrar em contato agora**. Assim que a licença for aplicada ao servidor de licenças, todos os agentes associados serão atualizados automaticamente com a nova licença.

Introdução AppAssure 5.4.2

Para baixar o AppAssure 5 Core e o software de agente, é preciso se registrar no Portal de licenças do AppAssure da Dell. Após o registro bem-sucedido, você poderá então baixar e adicionar um core ou um agente. A chave de licença é automaticamente gerada quando você baixa o core. Você precisará capturar e inserir a chave de licença para baixar, gerenciar e configurar o core. Para obter mais detalhes, consulte o capítulo 3 no guia do usuário localizado na [Introdução ao Portal de Licenças](#).

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Informações adicionais estão disponíveis nos seguintes locais:

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- [Resumos da Tecnologia](#)
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- [Guias passo a passo](#)

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Essa seção contém informações sobre a instalação e a operação desse produto com configurações em idiomas diferentes do inglês, como os necessários para clientes fora da América do Norte. Essa seção não substitui os materiais sobre plataformas e configurações suportadas encontradas na documentação do produto.

Essa versão é habilitada para Unicode e suporta qualquer conjunto de caracteres. Nessa versão, todos os componentes de produtos devem ser configurados para usar as mesmas codificações de caracteres compatíveis e devem ser instalados de forma a apresentarem as mesmas opções de local e região. Essa versão é destinada para suportar operações nas seguintes regiões: América do Norte, Europa Ocidental, América Latina, Europa Central e Oriental, Ásia, Oriente Médio e Japão. Ela suporta gravação bidirecional (Árabe e Hebraico). A versão suporta Script Complexo (Ásia Central - Índia, Tailândia).

É possível encontrar a versão nos seguintes idiomas: Chinês (Simplificado), Francês, Coreano, Alemão, Japonês, Português (Brasil), Espanhol.

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- Visualize artigos da Base de conhecimento.
- Obtenha notificações de produtos.
- Baixe o software. No caso de software de teste, acesse [Downloads de teste](#).
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