



Notas de lançamento do Amazon RDS para Oracle

Amazon Relational Database Service



Amazon Relational Database Service: Notas de lançamento do Amazon RDS para Oracle

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Notas de lançamento do Amazon Relational Database Service (Amazon RDS) para Oracle

As notas de lançamento do Amazon RDS para Oracle fornecem detalhes sobre as versões do Oracle Database compatíveis com o Amazon RDS.

As atualizações feitas nas instâncias de banco de dados do Amazon RDS for Oracle as mantêm atualizadas. Caso aplique atualizações, fique tranquilo porque a instância de banco de dados está executando uma versão do software de banco de dados que foi submetida a testes pela Oracle e pela Amazon. Não oferecemos suporte à aplicação de patches únicos em instâncias de banco de dados individuais.

Você pode especificar qualquer versão atualmente compatível com o Oracle Database ao criar uma instância de banco de dados. Você pode especificar as versões principais, como o Oracle Database 21c versão 1 (21.0.0.0) e qualquer versão secundária compatível para a versão principal especificada. Se nenhuma versão for especificada, o Amazon RDS usará uma versão compatível por padrão, geralmente a versão mais recente. Se uma versão principal for especificada, mas uma versão secundária não, o Amazon RDS usará por padrão um lançamento recente da versão principal que você especificou. Para ver uma lista de versões compatíveis e padrões para instâncias de banco de dados recém-criadas, use o comando [describe-db-engine-versions](#) da AWS CLI.

Essas notas de lançamento se aplicam ao RDS para Oracle. Se você estiver procurando detalhes sobre o RDS Custom para Oracle, consulte [RDS Custom](#).

Tópicos

- [Amazon RDS para Oracle Database 21c \(21.0.0.0\)](#)
- [Amazon RDS para Oracle Database 19c \(19.0.0.0\)](#)
- [Amazon RDS para Oracle Database 18c \(18.0.0.0\)](#)
- [Amazon RDS para Oracle Database 12c versão 2 \(12.2.0.1\)](#)
- [Amazon RDS para Oracle Database 12c Versão 1 \(12.1.0.2\)](#)
- [Amazon RDS para Oracle Database 11g versão 2 \(11.2.0.4\)](#)

Amazon RDS para Oracle Database 21c (21.0.0.0)

O Amazon RDS para Oracle Database 21c (21.0.0.0) incorpora correções de bugs da Oracle usando Release Updates (RUs). O formato de nomenclatura para uma RU é o seguinte: *release*.*ru-date*.*rur-date*.*rnumber*. Por exemplo, a atualização do Oracle Database 21c lançada pela Oracle Corporation em abril de 2023 é nomeada `21.0.0.0.ru-2023-04.rur-2023-04.r1`. O formato de nomenclatura tem os seguintes componentes:

- Esse *release* é o número de cinco dígitos da versão, por exemplo, `21.0.0.0`
- *date* É o ano de 4 dígitos e o mês de 2 dígitos em que a atualização foi disponibilizada pela Oracle, por exemplo, `2024-04`
- Essa *rnumber* é a revisão, por exemplo, `r1`.

Um upgrade de uma RU é chamado de upgrade de versão secundária. Mesmo que a string *rur* apareça no nome do patch, ela é uma RU em vez de uma Release Update Revision (RUR). O Amazon RDS faz upgrade de uma RU para outra RU. O RDS não é compatível com RURs como parte de seu mecanismo de upgrade de versão secundária. Não oferecemos suporte à aplicação de patches únicos em instâncias de banco de dados individuais.

Para saber quais RUs são aplicadas ao Amazon RDS para Oracle Database 21c (21.0.0), consulte a tabela a seguir.

Data	RU
2024 de abril	Versão 21.0.0.0.ru-2024-04.rur-2024-04.r1
2024 de janeiro	Versão 21.0.0.0.ru-2024-01.rur-2024-01.r1
Outubro de 2023	Versão 21.0.0.0.ru-2023-10.rur-2023-10.r1
Julho de 2023	Versão 21.0.0.0.ru-2023-07.rur-2023-07.r1
Abril de 2023	Versão 21.0.0.0.ru-2023-04.rur-2023-04.r1
Janeiro de 2023	Versão 21.0.0.0.ru-2023-01.rur-2023-01.r2 e Versão 21.0.0.0.ru-2023-01.rur-2023-01.r1

Data	RU
Outubro de 2022	Versão 21.0.0.0.ru-2022-10.rur-2022-10.r1
Julho de 2022	Versão 21.0.0.0.ru-2022-07.rur-2022-07.r1
Abril de 2022	Versão 21.0.0.0.ru-2022-04.rur-2022-04.r1
Janeiro de 2022	Versão 21.0.0.0.ru-2022-01.rur-2022-01.r1

Versão 21.0.0.0.ru-2024-04.rur-2024-04.r1

A versão 21.0.0.0.ru-2024-04.rur-2024-04.r1 inclui o seguinte:

- Patch [36260537](#): ATUALIZAÇÃO DO DSTV43 - TZDATA2024A - PRECISA DE CORREÇÃO DO OJVM
- Patch [36260493](#): RDBMS - ATUALIZAÇÃO DO DSTV43 - TZDATA2024A
- Patch [35220732](#): RDBMS - ATUALIZAÇÃO DSTV42 - TZDATA2023C
- Patch [35099667](#): RDBMS - ATUALIZAÇÃO DSTV41 - TZDATA2022G
- Patch [34698179](#): RDBMS - ATUALIZAÇÃO DSTV40 - TZDATA2022E
- Patch [34533061](#): RDBMS - ATUALIZAÇÃO DSTV39 - TZDATA2022C
- Patch [34006614](#): RDBMS - ATUALIZAÇÃO DSTV38 - TZDATA2022A
- Patch [33613829](#): RDBMS - ATUALIZAÇÃO DSTV37 - TZDATA2021E
- Patch [32327201](#): RDBMS - ATUALIZAÇÃO DSTV36 - TZDATA2020E
- Patch [36352352](#): Atualização da versão do banco de dados: 21.14.0.0.240416 (36352352)

Patches combinados para a versão 21.0.0.0.ru-2024-04.rur-2024-04.r1, lançada em abril de 2024

Erros corrigidos:

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Versão 21.0.0.0.ru-2024-01.rur-2024-01.r1

A versão 21.0.0.0.ru-2024-01.rur-2024-01.r1 inclui os seguintes patches:

- Patch [35220732](#): RDBMS - ATUALIZAÇÃO DSTV42 - TZDATA2023C
- Patch [35099667](#): RDBMS - ATUALIZAÇÃO DSTV41 - TZDATA2022G
- Patch [34698179](#): RDBMS - ATUALIZAÇÃO DSTV40 - TZDATA2022E
- Patch [34533061](#): RDBMS - ATUALIZAÇÃO DSTV39 - TZDATA2022C
- Patch [34006614](#): RDBMS - ATUALIZAÇÃO DSTV38 - TZDATA2022A
- Patch [33613829](#): RDBMS - ATUALIZAÇÃO DSTV37 - TZDATA2021E
- Patch [32327201](#): RDBMS - ATUALIZAÇÃO DSTV36 - TZDATA2020E
- Patch [36041222](#): Atualização da versão do banco de dados: 21.13.0.0.240116 (36041222)

Patches combinados para a versão 21.0.0.0.ru-2024-01.rur-2024-01.r1, lançada em janeiro de 2024

Erros corrigidos:

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Versão 21.0.0.0.ru-2023-10.rur-2023-10.r1

A versão 21.0.0.0.ru-2023-10.rur-2023-10.r1 inclui o seguinte:

- Patch [35239280](#): ATUALIZAÇÃO DSTV42 - TZDATA2023C - PRECISA DE CORREÇÃO DO OJVM
- Patch [35220732](#): RDBMS - ATUALIZAÇÃO DSTV42 - TZDATA2023C
- Patch [35099667](#): RDBMS - ATUALIZAÇÃO DSTV41 - TZDATA2022G
- Patch [34698179](#): RDBMS - ATUALIZAÇÃO DSTV40 - TZDATA2022E
- Patch [34533061](#): RDBMS - ATUALIZAÇÃO DSTV39 - TZDATA2022C
- Patch [34006614](#): RDBMS - ATUALIZAÇÃO DSTV38 - TZDATA2022A
- Patch [33613829](#): RDBMS - ATUALIZAÇÃO DSTV37 - TZDATA2021E
- Patch [32327201](#): RDBMS - ATUALIZAÇÃO DSTV36 - TZDATA2020E
- Patch [35740258](#): atualização da versão do banco de dados 21.12.0.0.231017 (35740258)

Patches combinados para a versão 21.0.0.0.ru-2023-10.rur-2023-10.r1, lançados em outubro de 2023

Erros corrigidos:

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Versão 21.0.0.0.ru-2023-07.rur-2023-07.r1

A versão 21.0.0.0.ru-2023-07.rur-2023-07.r1 inclui o seguinte:

- Patch [35239280](#): ATUALIZAÇÃO DSTV42 - TZDATA2023C - PRECISA DE CORREÇÃO DO OJVM
- Patch [35220732](#): RDBMS - ATUALIZAÇÃO DSTV42 - TZDATA2023C
- Patch [35099667](#): RDBMS - ATUALIZAÇÃO DSTV41 - TZDATA2022G

- Patch [34698179](#): RDBMS - ATUALIZAÇÃO DSTV40 - TZDATA2022E
- Patch [34533061](#): RDBMS - ATUALIZAÇÃO DSTV39 - TZDATA2022C
- Patch [34006614](#): RDBMS - ATUALIZAÇÃO DSTV38 - TZDATA2022A
- Patch [33613829](#): RDBMS - ATUALIZAÇÃO DSTV37 - TZDATA2021E
- Patch [32327201](#): RDBMS - ATUALIZAÇÃO DSTV36 - TZDATA2020E
- Patch [35428978](#): atualização da versão do banco de dados 21.11.0.0.230718 (35428978)

Patches combinados para a versão 21.0.0.0.ru-2023-07.rur-2023-07.r1, lançados em julho de 2023

Erros corrigidos:

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Versão 21.0.0.0.ru-2023-04.rur-2023-04.r1

A versão 21.0.0.0.ru-2023-04.rur-2023-04.r1 inclui o seguinte:

- Patch [35239280](#): ATUALIZAÇÃO DSTV42 - TZDATA2023C - PRECISA DE CORREÇÃO DO OJVM
- Patch [35220732](#): RDBMS - ATUALIZAÇÃO DSTV42 - TZDATA2023C
- Patch [35099667](#): RDBMS - ATUALIZAÇÃO DSTV41 - TZDATA2022G
- Patch [34698179](#): RDBMS - ATUALIZAÇÃO DSTV40 - TZDATA2022E
- Patch [34533061](#): RDBMS - ATUALIZAÇÃO DSTV39 - TZDATA2022C
- Patch [34006614](#): RDBMS - ATUALIZAÇÃO DSTV38 - TZDATA2022A
- Patch [33613829](#): RDBMS - ATUALIZAÇÃO DSTV37 - TZDATA2021E
- Patch [32327201](#): RDBMS - ATUALIZAÇÃO DSTV36 - TZDATA2020E
- Patch [35134934](#): atualização da versão do banco de dados 21.10.0.0.230418 (35134934)

Patches combinados para a versão 21.0.0.0.ru-2023-04.rur-2023-04.r1, lançados em abril de 2023

Erros corrigidos:

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Versão 21.0.0.0.ru-2023-01.rur-2023-01.r2

A versão 21.0.0.0.ru-2023-01.rur-2023-01.r2 inclui o seguinte:

- Patch [35099674](#): ATUALIZAÇÃO DSTV41 - TZDATA2022G - REQUER CORREÇÃO DO OJVM
- Patch [35099667](#): RDBMS - ATUALIZAÇÃO DSTV41 - TZDATA2022G
- Patch [34698179](#): RDBMS - ATUALIZAÇÃO DSTV40 - TZDATA2022E
- Patch [34533061](#): RDBMS - ATUALIZAÇÃO DSTV39 - TZDATA2022C
- Patch [34006614](#): RDBMS - ATUALIZAÇÃO DSTV38 - TZDATA2022A
- Patch [33613829](#): RDBMS - ATUALIZAÇÃO DSTV37 - TZDATA2021E
- Patch [32327201](#): RDBMS - ATUALIZAÇÃO DSTV36 - TZDATA2020E
- Patch [34839741](#): atualização da versão do banco de dados 21.9.0.0.230117 (34839741)

Patches combinados para a versão 21.0.0.0.ru-2023-01.rur-2023-01.r2, lançados em janeiro de 2023

Erros corrigidos:

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Versão 21.0.0.0.ru-2023-01.rur-2023-01.r1

A versão 21.0.0.0.ru-2023-01.rur-2023-01.r1 inclui o seguinte:

- Patch [34699616](#): ATUALIZAÇÃO DSTV40 - TZDATA2022E - PRECISA DE CORREÇÃO DO OJVM
- Patch [34698179](#): RDBMS - ATUALIZAÇÃO DSTV40 - TZDATA2022E
- Patch [34533061](#): RDBMS - ATUALIZAÇÃO DSTV39 - TZDATA2022C
- Patch [34006614](#): RDBMS - ATUALIZAÇÃO DSTV38 - TZDATA2022A
- Patch [33613829](#): RDBMS - ATUALIZAÇÃO DSTV37 - TZDATA2021E
- Patch [32327201](#): RDBMS - ATUALIZAÇÃO DSTV36 - TZDATA2020E
- Patch [34839741](#): atualização da versão do banco de dados 21.9.0.0.230117 (34839741)

Patches combinados para a versão 21.0.0.0.ru-2023-01.rur-2023-01.r1, lançados em janeiro de 2023

Erros corrigidos:

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Versão 21.0.0.0.ru-2022-10.rur-2022-10.r1

A versão 21.0.0.0.ru-2022-10.rur-2022-10.r1 inclui o seguinte:

- Patch [34160444](#): ATUALIZAÇÃO DA VERSÃO DO BANCO DE DADOS 21.7.0.0.0
- Patch [34533061](#): RDBMS - ATUALIZAÇÃO DSTV39 - TZDATA2022C
- Patch [34533150](#): ATUALIZAÇÃO DSTV39 - TZDATA2022C - PRECISA DE CORREÇÃO DO OJVM

Patches combinados para a versão 21.0.0.0.ru-2022-10.rur-2022-10.r1, lançados em outubro de 2022

Erros corrigidos:

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Versão 21.0.0.0.ru-2022-07.rur-2022-07.r1

A versão 21.0.0.0.ru-2022-07.rur-2022-07.r1 inclui o seguinte:

- Patch [34160444](#): ATUALIZAÇÃO DA VERSÃO DO BANCO DE DADOS 21.7.0.0.0
- Patch [34533061](#): RDBMS - ATUALIZAÇÃO DSTV39 - TZDATA2022C
- Patch [34533150](#): ATUALIZAÇÃO DSTV39 - TZDATA2022C - PRECISA DE CORREÇÃO DO OJVM

Patches combinados para a versão 21.0.0.0.ru-2022-07.rur-2022-07.r1, lançados em julho de 2022

Erros corrigidos:

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Versão 21.0.0.0.ru-2022-04.rur-2022-04.r1

A versão 21.0.0.0.ru-2022-04.rur-2022-04.r1 inclui o seguinte:

- Patch [33843745](#): ATUALIZAÇÃO DA VERSÃO DO BANCO DE DADOS 21.6.0.0.0

- Patch [34006614](#): RDBMS - ATUALIZAÇÃO DSTV38 - TZDATA2022A
- Patch [34006650](#): ATUALIZAÇÃO DSTV38 - TZDATA2022A - PRECISA DE CORREÇÃO DO OJVM

Patches combinados para a versão 21.0.0.0.ru-2022-04.rur-2022-04.r1, lançados em abril de 2022

Erros corrigidos:

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Versão 21.0.0.0.ru-2022-01.rur-2022-01.r1

A versão 21.0.0.0.ru-2022-01.rur-2022-01.r1 inclui o seguinte:

- Patch [33516412](#): ATUALIZAÇÃO DA VERSÃO DO BANCO DE DADOS 21.5.0.0.0
- Patch [33792011](#): FORNEÇA LIBCRYPTOCME.SO PARA INSTALAÇÕES DO BANCO DE DADOS 21.5
- Patch [33613829](#): RDBMS - ATUALIZAÇÃO DSTV37 - TZDATA2020E
- Patch [33613833](#): ATUALIZAÇÃO DSTV37 - TZDATA2020E - PRECISA DE CORREÇÃO DO OJVM

Patches combinados para a versão 21.0.0.0.ru-2022-01.rur-2022-01.r1, lançados em janeiro de 2022

Erros corrigidos:

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Amazon RDS para Oracle Database 19c (19.0.0.0)

O Amazon RDS para Oracle Database 19c (19.0.0.0) incorpora correções de bugs da Oracle usando Release Updates (RUs). O formato de nomenclatura para uma RU é o seguinte: *release.ru-date.rur-date.rnumber*. Por exemplo, a atualização do Oracle Database 19c lançada pela Oracle Corporation em abril de 2023 é nomeada *19.0.0.0.ru-2023-04.rur-2023-04.r1*. O formato de nomenclatura tem os seguintes componentes:

- Esse *release* é o número de cinco dígitos da versão, por exemplo, *19.0.0.0*
- *date* É o ano de quatro dígitos e o mês de dois dígitos em que a atualização foi disponibilizada pela Oracle, por exemplo, *2023-04*
- Essa *rnumber* é a revisão, por exemplo, *r1*.

Um upgrade de uma RU é chamado de upgrade de versão secundária. Mesmo que a string *rur* apareça no nome do patch, ela é uma RU em vez de uma Release Update Revision (RUR). O Amazon RDS faz upgrade de uma RU para outra RU. O RDS não é compatível com RURs como parte de seu mecanismo de upgrade de versão secundária. Não oferecemos suporte à aplicação de patches únicos em instâncias de banco de dados individuais.

Para determinar quais RUs são aplicadas ao Amazon RDS for Oracle Database 19c (19.0.0.0), consulte a tabela a seguir.

Data	Atualização de lançamento (RU)
2024 de abril	19.0.0.0.ru-2024-04.rur-2024-04.r1
2024 de janeiro	19.0.0.0.ru-2024-01.rur-2024-01.r1
Outubro de 2023	19.0.0.0.ru-2023-10.rur-2023-10.r1
Julho de 2023	19.0.0.0.ru-2023-07.rur-2023-07.r1
Abril de 2023	19.0.0.0.ru-2023-04.rur-2023-04.r1
Janeiro de 2023	19.0.0.0.ru-2023-01.rur-2023-01.r2 e 19.0.0.0.ru-2023-01.rur-2023-01.r1

Data	Atualização de lançamento (RU)
Outubro de 2022	19.0.0.0.ru-2022-10.rur-2022-10.r1
Julho de 2022	19.0.0.0.ru-2022-07.rur-2022-07.r1
Abril de 2022	19.0.0.0.ru-2022-04.rur-2022-04.r1
Janeiro de 2022	19.0.0.0.ru-2022-01.rur-2022-01.r1
2021 de outubro	19.0.0.0.ru-2021-10.rur-2021-10.r1
Julho de 2021	19.0.0.0.ru-2021-07.rur-2021-07.r1
Abril de 2021	19.0.0.0.ru-2021-04.rur-2021-04.r1
Janeiro de 2021	19.0.0.0.ru-2021-01.rur-2021-01.r2 e 19.0.0.0.ru-2021-01.rur-2021-01.r1
Outubro de 2020	19.0.0.0.ru-2020-10.rur-2020-10.r1
Julho de 2020	19.0.0.0.ru-2020-07.rur-2020-07.r1
Abril de 2020	19.0.0.0.ru-2020-04.rur-2020-04.r1
Janeiro de 2020	19.0.0.0.ru-2020-01.rur-2020-01.r1
Outubro de 2019	19.0.0.0.ru-2019-10.rur-2019-10.r1
Julho de 2019	19.0.0.0.ru-2019-07.rur-2019-07.r1

Versão 19.0.0.0.ru-2024-04.rur-2024-04.r1

A versão 19.0.0.0.ru-2024-04.rur-2024-04.r1 inclui o seguinte:

- Patch [36260537](#): ATUALIZAÇÃO DO DSTV43 - TZDATA2024A - PRECISA DE CORREÇÃO DO OJVM
- Patch [33125873](#): FAÇA COM QUE O CIC DE INVALIDAÇÃO DE OBJETO GLOBAL DO CACHE NÃO SEJA SERIALIZADO PARA MELHORAR O DESEMPENHO

- Patch [29213893](#): FALHA DE DBMS_STATS COM ERRO ORA-01422 AO COLETAR ESTATÍSTICAS PARA A TABELA DE USUÁRIOS
- Patch [28730253](#): SUPORTE A NOVA ERA REIWA PARA O CALENDÁRIO IMPERIAL JAPONÊS
- Patch [36199232](#): ATUALIZAÇÃO DE LANÇAMENTO DO OJVM: 19.23.0.0.240416 (36199232)
- Patch [36233263](#): [Atualização da versão do banco de dados: 19.23.0.0.240416](#) (36233263)
- Patch [29585399](#): ATUALIZAÇÃO DA VERSÃO DO OCW 19.3.0.0.0 (29585399)

Patches combinados para a versão 19.0.0.0.ru-2024-04.rur-2024-04.r1, lançada em abril de 2024

Erros corrigidos:

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Versão 19.0.0.0.ru-2024-01.rur-2024-01.r1

A versão 19.0.0.0.ru-2024-01.rur-2024-01.r1 inclui o seguinte:

- Patch [35239280](#): ATUALIZAÇÃO DSTV42 - TZDATA2023C - PRECISA DE CORREÇÃO DO OJVM
- Patch [33125873](#): FAÇA COM QUE O CIC DE INVALIDAÇÃO DE OBJETO GLOBAL DO CACHE NÃO SEJA SERIALIZADO PARA MELHORAR O DESEMPENHO
- Patch [29213893](#): FALHA DE DBMS_STATS COM ERRO ORA-01422 AO COLETAR ESTATÍSTICAS PARA A TABELA DE USUÁRIOS
- Patch [28730253](#): SUPORTE A NOVA ERA REIWA PARA O CALENDÁRIO IMPERIAL JAPONÊS
- Patch [35926646](#): [ATUALIZAÇÃO DE LANÇAMENTO DO OJVM: 19.22.0.0.240116](#) (35926646)
- Patch [35943157](#): [Atualização da versão do banco de dados: 19.22.0.0.240116](#) (35943157)
- Patch [29585399](#): ATUALIZAÇÃO DA VERSÃO DO OCW 19.3.0.0.0 (29585399)

Patches combinados para a versão 19.0.0.0.ru-2024-01.rur-2024-01.r1, lançada em janeiro de 2024

Erros corrigidos:

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Versão 19.0.0.0.ru-2023-10.rur-2023-10.r1

A versão 19.0.0.0.ru-2023-10.rur-2023-10.r1 inclui o seguinte:

- Patch [35239280](#): ATUALIZAÇÃO DSTV42 - TZDATA2023C - PRECISA DE CORREÇÃO DO OJVM
- Patch [33125873](#): FAÇA COM QUE O CIC DE INVALIDAÇÃO DE OBJETO GLOBAL DO CACHE NÃO SEJA SERIALIZADO PARA MELHORAR O DESEMPENHO
- Patch [29213893](#): FALHA DE DBMS_STATS COM ERRO ORA-01422 AO COLETAR ESTATÍSTICAS PARA A TABELA DE USUÁRIOS
- Patch [28730253](#): SUPORTE A NOVA ERA REIWA PARA O CALENDÁRIO IMPERIAL JAPONÊS
- Patch [35648110](#): ATUALIZAÇÃO DA VERSÃO DO OJVM 19.21.0.0.231017 (35648110)
- Patch [35643107](#): atualização da versão do banco de dados 19.21.0.0.231017 (35643107)
- Patch [29585399](#): ATUALIZAÇÃO DA VERSÃO DO OCW 19.3.0.0.0 (29585399)
- PreUpgrade Jarra: preupgrade_19_cbuild_13_lf.zip

Patches combinados para a versão 19.0.0.0.ru-2023-10.rur-2023-10.r1, lançados em outubro de 2023

Erros corrigidos:

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Versão 19.0.0.0.ru-2023-07.rur-2023-07.r1

A versão 19.0.0.0.ru-2023-07.rur-2023-07.r1 inclui o seguinte:

- Patch [35239280](#): ATUALIZAÇÃO DSTV42 - TZDATA2023C - PRECISA DE CORREÇÃO DO OJVM
- Patch [33125873](#): FAÇA COM QUE O CIC DE INVALIDAÇÃO DE OBJETO GLOBAL DO CACHE NÃO SEJA SERIALIZADO PARA MELHORAR O DESEMPENHO
- Patch [29213893](#): FALHA DE DBMS_STATS COM ERRO ORA-01422 AO COLETAR ESTATÍSTICAS PARA A TABELA DE USUÁRIOS
- Patch [28730253](#): SUPORTE A NOVA ERA REIWA PARA O CALENDÁRIO IMPERIAL JAPONÊS
- Patch [35354406](#): ATUALIZAÇÃO DA VERSÃO DO OJVM 19.20.0.0.230718 (35354406)
- Patch [35320081](#): ATUALIZAÇÃO DA VERSÃO DO BANCO DE DADOS 19.20.0.0.230718 (35320081)
- Patch [29585399](#): ATUALIZAÇÃO DA VERSÃO DO OCW 19.3.0.0.0 (29585399)
- PreUpgrade Jarra: preupgrade_19_cbuild_13_if.zip

Patches combinados para a versão 19.0.0.0.ru-2023-07.rur-2023-07.r1, lançados em julho de 2023

Erros corrigidos:

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Versão 19.0.0.0.ru-2023-04.rur-2023-04.r1

A versão 19.0.0.0.ru-2023-04.rur-2023-04.r1 inclui o seguinte:

- Patch [35239280](#): ATUALIZAÇÃO DSTV42 - TZDATA2023C - PRECISA DE CORREÇÃO DO OJVM
- Patch [35220732](#): RDBMS - ATUALIZAÇÃO DSTV42 - TZDATA2023C
- Patch [33125873](#): FAÇA COM QUE O CIC DE INVALIDAÇÃO DE OBJETO GLOBAL DO CACHE NÃO SEJA SERIALIZADO PARA MELHORAR O DESEMPENHO
- Patch [29213893](#): FALHA DE DBMS_STATS COM ERRO ORA-01422 AO COLETAR ESTATÍSTICAS PARA A TABELA DE USUÁRIOS
- Patch [28730253](#): SUPORTE A NOVA ERA REIWA PARA O CALENDÁRIO IMPERIAL JAPONÊS
- Patch [35050341](#): ATUALIZAÇÃO DA VERSÃO DO OJVM 19.19.0.0.230418 (35050341)
- Patch [35042068](#): atualização da versão do banco de dados 19.19.0.0.230418 (35042068)
- Patch [29585399](#): ATUALIZAÇÃO DA VERSÃO DO OCW 19.3.0.0.0 (29585399)
- PreUpgrade Jarra: preupgrade_19_cbuild_13_if.zip

Patches combinados para a versão 19.0.0.0.ru-2023-04.rur-2023-04.r1, lançados em abril de 2023

Erros corrigidos:

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Versão 19.0.0.0.ru-2023-01.rur-2023-01.r2

A versão 19.0.0.0.ru-2023-01.rur-2023-01.r2 inclui o seguinte:

- Patch [35099674](#): ATUALIZAÇÃO DSTV41 - TZDATA2022G - REQUER CORREÇÃO DO OJVM
- Patch [35099667](#): RDBMS - ATUALIZAÇÃO DSTV41 - TZDATA2022G
- Patch [35012866](#): BUG_33527739_APPLY.SQL OBTEVE FALHA NA OPERAÇÃO DO ORA-13516 AWR CATPROC INVÁLIDO
- Patch [33125873](#): FAÇA COM QUE O CIC DE INVALIDAÇÃO DE OBJETO GLOBAL DO CACHE NÃO SEJA SERIALIZADO PARA MELHORAR O DESEMPENHO
- Patch [29213893](#): FALHA DE DBMS_STATS COM ERRO ORA-01422 AO COLETAR ESTATÍSTICAS PARA A TABELA DE USUÁRIOS
- Patch [28730253](#): SUPORTE A NOVA ERA REIWA PARA O CALENDÁRIO IMPERIAL JAPONÊS
- Patch [34786990](#): ATUALIZAÇÃO DA VERSÃO DO OJVM 19.18.0.0.230117 (34786990)
- Patch [34765931](#): ATUALIZAÇÃO DA VERSÃO DO BANCO DE DADOS: 19.18.0.0.0 (REL-JAN230131) (34765931)
- Patch [29585399](#): ATUALIZAÇÃO DA VERSÃO DO OCW 19.3.0.0.0 (29585399)

- PreUpgrade Jarra: preupgrade_19_cbuild_13_if.zip

Patches combinados para a versão 19.0.0.0.ru-2023-01.rur-2023-01.r2, lançados em janeiro de 2023

Erros corrigidos:

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Versão 19.0.0.0.ru-2023-01.rur-2023-01.r1

A versão 19.0.0.0.ru-2023-01.rur-2023-01.r1 inclui o seguinte:

- Patch [34699616](#): ATUALIZAÇÃO DSTV40 - TZDATA2022E - PRECISA DE CORREÇÃO DO OJVM

- Patch [35012866](#): BUG_33527739_APPLY.SQL OBTVEVE FALHA NA OPERAÇÃO DO ORA-13516 AWR CATPROC INVÁLIDO
- Patch [33125873](#): FAÇA COM QUE O CIC DE INVALIDAÇÃO DE OBJETO GLOBAL DO CACHE NÃO SEJA SERIALIZADO PARA MELHORAR O DESEMPENHO
- Patch [29213893](#): FALHA DE DBMS_STATS COM ERRO ORA-01422 AO COLETAR ESTATÍSTICAS PARA A TABELA DE USUÁRIOS
- Patch [28730253](#): SUPORTE A NOVA ERA REIWA PARA O CALENDÁRIO IMPERIAL JAPONÊS
- Patch [34786990](#): ATUALIZAÇÃO DA VERSÃO DO OJVM 19.18.0.0.230117 (34786990)
- Patch [34765931](#): ATUALIZAÇÃO DA VERSÃO DO BANCO DE DADOS: 19.18.0.0.0 (REL-JAN230131) (34765931)
- Patch [29585399](#): ATUALIZAÇÃO DA VERSÃO DO OCW 19.3.0.0.0 (29585399)
- PreUpgrade Jarra: preupgrade_19_cbuid_13_lf.zip

Patches combinados para a versão 19.0.0.0.ru-2023-01.rur-2023-01.r1, lançados em janeiro de 2023

Erros corrigidos:

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Versão 19.0.0.0.ru-2022-10.rur-2022-10.r1

A versão 19.0.0.0.ru-2022-10.rur-2022-10.r1 inclui o seguinte:

- Patch [34419443](#): ATUALIZAÇÃO DA VERSÃO DO BANCO DE DADOS 19.17.0.0.0
- Patch [34411846](#): ATUALIZAÇÃO DA VERSÃO DO OJVM 19.17.0.0.0
- Patch [28730253](#): SUPORTE A NOVA ERA REIWA PARA O CALENDÁRIO IMPERIAL JAPONÊS
- Patch [29213893](#): FALHA DE DBMS_STATS COM ERRO ORA-01422 AO COLETAR ESTATÍSTICAS PARA A TABELA DE USUÁRIOS
- Patch [33125873](#): FAÇA COM QUE O CIC DE INVALIDAÇÃO DE OBJETO GLOBAL DO CACHE NÃO SEJA SERIALIZADO PARA MELHORAR O DESEMPENHO
- Patch [34446152](#): ORA-16705: ERRO INTERNO NO AGENTE DO DATA GUARD APÓS A RU 19.16
- Patch [34533061](#): RDBMS - ATUALIZAÇÃO DSTV39 - TZDATA2022C
- Patch [34533150](#): ATUALIZAÇÃO DSTV39 - TZDATA2022C - PRECISA DE CORREÇÃO DO OJVM
- PreUpgrade Jarra: preupgrade_19_cbuild_13_lf.zip

Patches combinados para a versão 19.0.0.0.ru-2022-10.rur-2022-10.r1, lançados em outubro de 2022

Erros corrigidos:

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Versão 19.0.0.0.ru-2022-07.rur-2022-07.r1

A versão 19.0.0.0.ru-2022-07.rur-2022-07.r1 inclui o seguinte:

- Patch [34133642](#): ATUALIZAÇÃO DA VERSÃO DO BANCO DE DADOS 19.16.0.0.0
- Patch [34086870](#): ATUALIZAÇÃO DA VERSÃO DO OJVM 19.16.0.0.0
- Patch [34533061](#): RDBMS - ATUALIZAÇÃO DSTV39 - TZDATA2022C
- Patch [34533150](#): ATUALIZAÇÃO DSTV39 - TZDATA2022C - PRECISA DE CORREÇÃO DO OJVM
- Patch [28730253](#): SUPORTE A NOVA ERA REIWA PARA O CALENDÁRIO IMPERIAL JAPONÊS
- Patch [29213893](#): FALHA DE DBMS_STATS COM ERRO ORA-01422 AO COLETAR ESTATÍSTICAS PARA A TABELA DE USUÁRIOS
- Patch [33125873](#): FAÇA COM QUE O CIC DE INVALIDAÇÃO DE OBJETO GLOBAL DO CACHE NÃO SEJA SERIALIZADO PARA MELHORAR O DESEMPENHO
- Patch [34476155](#): PROBLEMA DE DURAÇÃO INTERMITENTE NÃO ATIVA COM FUNÇÕES DE SDO
- PreUpgrade Jarra: preupgrade_19_cbuild_13_lf.zip

Patches combinados para a versão 19.0.0.0.ru-2022-07.rur-2022-07.r1, lançados em julho de 2022

Erros corrigidos:

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Versão 19.0.0.0.ru-2022-04.rur-2022-04.r1

A versão 19.0.0.0.ru-2022-04.rur-2022-04.r1 inclui o seguinte:

- Patch [33806152](#): ATUALIZAÇÃO DA VERSÃO DO BANCO DE DADOS 19.15.0.0.0
- Patch [33808367](#): ATUALIZAÇÃO DA VERSÃO DO OJVM 19.15.0.0.0
- Patch [34006614](#): RDBMS - ATUALIZAÇÃO DSTV38 - TZDATA2022A

- Patch [34006650](#): ATUALIZAÇÃO DSTV38 - TZDATA2022A - PRECISA DE CORREÇÃO DO OJVM
- Patch [28730253](#): SUPORTE A NOVA ERA REIWA PARA O CALENDÁRIO IMPERIAL JAPONÊS
- Patch [29213893](#): FALHA DE DBMS_STATS COM ERRO ORA-01422 AO COLETAR ESTATÍSTICAS PARA A TABELA DE USUÁRIOS
- Patch [33125873](#): FAÇA COM QUE O CIC DE INVALIDAÇÃO DE OBJETO GLOBAL DO CACHE NÃO SEJA SERIALIZADO PARA MELHORAR O DESEMPENHO
- Patch [33121934](#): IAD:E23POD BLOQUEIO DE CACHE DA BIBLIOTECA/BLOQUEIO DE CARGA/ MUTEX X DURANTE TEMPESTADE DE CONEXÃO
- PreUpgrade Jarra: preupgrade_19_cbuild_13_lf.zip

Patches combinados para a versão 19.0.0.0.ru-2022-04.rur-2022-04.r1, lançados em abril de 2022

Erros corrigidos:

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Versão 19.0.0.0.ru-2022-01.rur-2022-01.r1

A versão 19.0.0.0.ru-2022-01.rur-2022-01.r1 inclui o seguinte:

- Patch [33515361](#): ATUALIZAÇÃO DA VERSÃO DO BANCO DE DADOS 19.14.0.0.0
- Patch [33561310](#): ATUALIZAÇÃO DA VERSÃO DO OJVM 19.14.0.0.0
- Patch [33613829](#): RDBMS - ATUALIZAÇÃO DSTV37 - TZDATA2021E
- Patch [33613833](#): ATUALIZAÇÃO DSTV37 - TZDATA2021E - PRECISA DE CORREÇÃO DO OJVM
- Patch [29213893](#): FALHA DE DBMS_STATS COM ERRO ORA-01422 AO COLETAR ESTATÍSTICAS PARA A TABELA DE USUÁRIOS
- Patch [28730253](#): SUPORTE A NOVA ERA REIWA PARA O CALENDÁRIO IMPERIAL JAPONÊS
- PreUpgrade Jarra: preupgrade_19_cbuild_12_if.zip

Patches combinados para a versão 19.0.0.0.ru-2022-01.rur-2022-01.r1, lançados em janeiro de 2022

Erros corrigidos:

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Versão 19.0.0.0.ru-2021-10.rur-2021-10.r1

A versão 19.0.0.0.ru-2021-10.rur-2021-10.r1 inclui o seguinte:

- Patch [33192793](#): ATUALIZAÇÃO DA VERSÃO DO BANCO DE DADOS 19.13.0.0.0
- Patch [33192694](#): ATUALIZAÇÃO DA VERSÃO DO OJVM 19.13.0.0.0
- Patch [32327201](#): RDBMS - ATUALIZAÇÃO DSTV36 - TZDATA2020E
- Patch [29213893](#): FALHA DE DBMS_STATS COM ERRO ORA-01422 AO COLETAR ESTATÍSTICAS PARA A TABELA DE USUÁRIOS
- Patch [28730253](#): SUPORTE A NOVA ERA REIWA PARA O CALENDÁRIO IMPERIAL JAPONÊS

- PreUpgrade Jarra: preupgrade_19_cbuild_12_if.zip

Patches combinados para a versão 19.0.0.0.ru-2021-10.rur-2021-10.r1, lançados em outubro de 2021

Erros corrigidos:

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Versão 19.0.0.0.ru-2021-07.rur-2021-07.r1

A versão 19.0.0.0.ru-2021-07.rur-2021-07.r1 inclui o seguinte:

- Patch [32904851](#): ATUALIZAÇÃO DA VERSÃO DO BANCO DE DADOS 19.12.0.0.0
- Patch [32876380](#): ATUALIZAÇÃO DA VERSÃO DO OJVM 19.12.0.0.0
- Patch [32327201](#): RDBMS - ATUALIZAÇÃO DSTV36 - TZDATA2020E
- Patch [29213893](#): FALHA DE DBMS_STATS COM ERRO ORA-01422 AO COLETAR ESTATÍSTICAS PARA A TABELA DE USUÁRIOS
- Patch [28730253](#): SUPORTE A NOVA ERA REIWA PARA O CALENDÁRIO IMPERIAL JAPONÊS
- PreUpgrade Jarra: preupgrade_19_cbuild_10_lf.zip

Patches combinados para a versão 19.0.0.0.ru-2021-07.rur-2021-07.r1, lançados em julho de 2021

Erros corrigidos:

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Versão 19.0.0.0.ru-2021-04.rur-2021-04.r1

A versão 19.0.0.0.ru-2021-04.rur-2021-04.r1 inclui o seguinte:

- Patch [32545013](#): ATUALIZAÇÃO DA VERSÃO DO BANCO DE DADOS 19.11.0.0.0
- Patch [32399816](#): ATUALIZAÇÃO DA VERSÃO DO OJVM 19.11.0.0.0
- Patch [32327201](#): RDBMS - ATUALIZAÇÃO DSTV36 - TZDATA2020E
- Patch [29213893](#): FALHA DE DBMS_STATS COM ERRO ORA-01422 AO COLETAR ESTATÍSTICAS PARA A TABELA DE USUÁRIOS
- Patch [28730253](#): SUPORTE A NOVA ERA REIWA PARA O CALENDÁRIO IMPERIAL JAPONÊS
- PreUpgrade Jarra: preupgrade_19_cbuid_10_if.zip

Patches combinados para a versão 19.0.0.0.ru-2021-04.rur-2021-04.r1, lançados em abril de 2021

Erros corrigidos:

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Versão 19.0.0.0.ru-2021-01.rur-2021-01.r2

Important

Recomendamos que você atualize sua instância de banco de dados para essa versão em vez de 19.0.0.0.ru-2021-01.rur-2021-01.r1. A aplicação do patch para atualização de mecanismos secundários para 19.0.0.0.ru-2021-01.rur-2021-01.r1 encontrou um problema. A atualização da versão 19.10.0.0.210119 (32218454) não foi registrada corretamente na tabela DBA_REGISTRY_SQLPATCH.

A versão 19.0.0.0.ru-2021-01.rur-2021-01.r2 inclui o seguinte:

- Patch [32218454](#): ATUALIZAÇÃO DA VERSÃO DO BANCO DE DADOS 19.10.0.0.210119
- Patch [32067171](#): ATUALIZAÇÃO DA VERSÃO DO OJVM 19.10.0.0.210119
- Patch [31335037](#): RDBMS - ATUALIZAÇÃO DSTV35 - TZDATA2020A
- Patch [31335142](#): ATUALIZAÇÃO DSTV35 - TZDATA2020A - PRECISA DE CORREÇÃO DO OJVM
- Patch [29213893](#): FALHA DE DBMS_STATS COM ERRO ORA-01422 AO COLETAR ESTATÍSTICAS PARA A TABELA DE USUÁRIOS

- Patch [29782284](#): ORA-06508: "MDSYS.MDPRVT_IDX" AO FAZER UPGRADE DO BANCO DE DADOS PARA 18.3
- Patch [28730253](#): SUPORTE A NOVA ERA REIWA PARA O CALENDÁRIO IMPERIAL JAPONÊS
- Patch [29374604](#): IE não inicia no 18c Oracle RDBMS Standard Edition
- PreUpgrade Jarra: preupgrade_19_cbuid_9_lf.zip
- Suporte para gerenciamento de tarefas de consultor usando procedimentos no pacote `rdsadmin.rdsadmin_util`

Para ter mais informações, consulte [Gerenciando de tarefas do advisor](#) no Guia do usuário do Amazon RDS.

Patches combinados para a versão 19.0.0.0.ru-2021-01.rur-2021-01.r2, lançados em janeiro de 2021

Erros corrigidos:

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Versão 19.0.0.0.ru-2021-01.rur-2021-01.r1

Important

Recomendamos que você atualize sua instância de banco de dados para 19.0.0.0.ru-2021-01.rur-2021-01.r2 em vez de 19.0.0.0.ru-2021-01.rur-2021-01.r1. A aplicação do patch para atualização de mecanismos secundários para 19.0.0.0.ru-2021-01.rur-2021-01.r1 encontrou um problema. A atualização da versão 19.10.0.0.210119 (32218454) não foi registrada corretamente na tabela DBA_REGISTRY_SQLPATCH.

A versão 19.0.0.0.ru-2021-01.rur-2021-01.r1 inclui o seguinte:

- Patch [32218454](#): ATUALIZAÇÃO DA VERSÃO DO BANCO DE DADOS 19.10.0.0.210119
- Patch [32067171](#): ATUALIZAÇÃO DA VERSÃO DO OJVM 19.10.0.0.210119
- Patch [31335037](#): RDBMS - ATUALIZAÇÃO DSTV35 - TZDATA2020A
- Patch [31335142](#): ATUALIZAÇÃO DSTV35 - TZDATA2020A - PRECISA DE CORREÇÃO DO OJVM

- Patch [29213893](#): FALHA DE DBMS_STATS COM ERRO ORA-01422 AO COLETAR ESTATÍSTICAS PARA A TABELA DE USUÁRIOS
- Patch [29782284](#): ORA-06508: "MDSYS.MDPRVT_IDX" AO FAZER UPGRADE DO BANCO DE DADOS PARA 18.3
- Patch [28730253](#): SUPORTE A NOVA ERA REIWA PARA O CALENDÁRIO IMPERIAL JAPONÊS
- Patch [29374604](#): IE não inicia no 18c Oracle RDBMS Standard Edition
- PreUpgrade Jarra: preupgrade_19_cbuild_9_if.zip
- Suporte para gerenciamento de tarefas de consultor usando procedimentos no pacote rdsadmin.rdsadmin_util

Para ter mais informações, consulte [Gerenciando de tarefas do advisor](#) no Guia do usuário do Amazon RDS.

Patches combinados para a versão 19.0.0.0.ru-2021-01.rur-2021-01.r1, lançados em janeiro de 2021

Erros corrigidos:

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Versão 19.0.0.0.ru-2020-10.rur-2020-10.r1

A versão 19.0.0.0.ru-2020-10.rur-2020-10.r1 inclui o seguinte:

- Patch [31771877](#): atualização da versão do banco de dados 19.9.0.0.201020 (31771877)
- Patch [31668882](#): atualização da versão do OJVM 19.9.0.0.201020 (31668882)
- Patch [31335037](#): RDBMS - ATUALIZAÇÃO DSTV35 - TZDATA2020A
- Patch [31335142](#): ATUALIZAÇÃO DSTV35 - TZDATA2020A - PRECISA DE CORREÇÃO DO OJVM
- Patch [28730253](#): SUPORTE A NOVA ERA REIWA PARA O CALENDÁRIO IMPERIAL JAPONÊS
- Patch [29213893](#): FALHA DE DBMS_STATS COM ERRO ORA-01422 AO COLETAR ESTATÍSTICAS PARA A TABELA DE USUÁRIOS
- Patch [29374604](#): IE não inicia no 18c Oracle RDBMS Standard Edition.
- PreUpgrade Jarra: preupgrade_19_cbuild_8_if.zip
- Suporte para configurar e anular configuração de eventos de diagnóstico do sistema usando procedimentos no pacote `rdsadmin.rdsadmin_util`

Para ter mais informações, consulte [Configurar e anular configuração de eventos de diagnóstico do sistema](#) no Guia do usuário do Amazon RDS.

- Suporte para o procedimento `rdsadmin_util.truncate_apply$_cdr_info` descrito em [Configurar e anular configuração de eventos de diagnóstico do sistema](#) no Guia do usuário do Amazon RDS.

Patches combinados para a versão 19.0.0.0.ru-2020-10.rur-2020-10.r1, lançados em outubro de 2020

Erros corrigidos:

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Versão 19.0.0.0.ru-2020-07.rur-2020-07.r1

A versão 19.0.0.0.ru-2020-07.rur-2020-07.r1 inclui o seguinte:

- Patch [31281355](#): atualização da versão do banco de dados 19.8.0.0.200714
- Patch [31219897](#): atualização da versão do Oracle JVM 19.8.0.0.200714
- Patch [31335037](#): DSTV35 para RDBMS (TZDATA2020A)
- Patch [31335142](#): DSTV35 para OJVM (TZDATA2020A)
- Patch [28730253](#): SUPORTE A NOVA ERA REIWA PARA O CALENDÁRIO IMPERIAL JAPONÊS
- Patch [29213893](#): FALHA DE DBMS_STATS COM ERRO ORA-01422 AO COLETAR ESTATÍSTICAS PARA A TABELA DE USUÁRIOS
- Patch [29374604](#): IE não inicia no 18c Oracle RDBMS Standard Edition
- PreUpgrade Jarra: preupgrade_19_cbuid_7_if.zip
- Patch [30417732](#): ORA-00600 [KQRHASHTABLEREMOVE: X LOCK] E PANE DA INSTÂNCIA

Patches combinados para a versão 19.0.0.0.ru-2020-07.rur-2020-07.r1, lançados em julho de 2020

Erros corrigidos:

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Versão 19.0.0.0.ru-2020-04.rur-2020-04.r1

A versão 19.0.0.0.ru-2020-04.rur-2020-04.r1 inclui o seguinte:

- Patch [30869156](#): atualização da versão do banco de dados 19.7.0.0.200414
- Patch [30805684](#): atualização da versão do Oracle JVM 19.7.0.0.200414
- Patch [29997937](#): ATUALIZAÇÃO DSTv34 para RDBMS (TZDATA2019B)
- Patch [29997959](#): ATUALIZAÇÃO DSTV34 para OJVM (TZDATA2019B)
- PreUpgrade Jarra: preupgrade_19_cbuild_5_lf.zip
- Patch [28730253](#): SUPORTE A NOVA ERA REIWA PARA O CALENDÁRIO IMPERIAL JAPONÊS
- Patch [29213893](#): FALHA DE DBMS_STATS COM ERRO ORA-01422 AO COLETAR ESTATÍSTICAS PARA A TABELA DE USUÁRIOS
- Patch [30528704](#): 19C RMAN PARA RECUPERAÇÃO DE BANCO DE DADOS USE LOG REDO EM VEZ DE ARCHIVELOG APÓS APLICAR RU DE BANCO DE DADOS DE OUTUBRO
- Suporte para limpeza da lixeira

Para ter mais informações, consulte [Limpeza da lixeira](#) no Guia do usuário do Amazon RDS.

- Suporte para gerar relatórios de desempenho com o Automatic Workload Repository (AWR) usando o pacote `rdsadmin.rdsadmin_diagnostic_util`

Para ter mais informações, consulte [Gerar relatórios de performance com o AWR \(Automatic Workload Repository\)](#) no Guia do usuário do Amazon RDS.

Patches combinados para a versão 19.0.0.0.ru-2020-04.rur-2020-04.r1, lançados em abril de 2020

Erros corrigidos:

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Versão 19.0.0.0.ru-2020-01.rur-2020-01.r1

A versão 19.0.0.0.ru-2020-01.rur-2020-01.r1 inclui o seguinte:

- Patch [30557433](#): atualização da versão do banco de dados 19.6.0.0.200114
- Patch [30484981](#): ATUALIZAÇÃO DA VERSÃO DO OJVM 19.6.0.0.200114
- Patch [29997937](#): ATUALIZAÇÃO DSTv34 para RDBMS (TZDATA2019B)
- Patch [29997959](#): ATUALIZAÇÃO DSTV34 para OJVM (TZDATA2019B)
- PreUpgrade Jarra: preupgrade_19_cbuild_5_if.zip
- Patch [28730253](#): SUPORTE A NOVA ERA REIWA PARA O CALENDÁRIO IMPERIAL JAPONÊS
- Patch [29213893](#): FALHA DE DBMS_STATS COM ERRO ORA-01422 AO COLETAR ESTATÍSTICAS PARA A TABELA DE USUÁRIOS
- Patch [30528704](#): 19C RMAN PARA RECUPERAÇÃO DE BANCO DE DADOS USE LOG REDO EM VEZ DE ARCHIVELOG APÓS APLICAR RU DE BANCO DE DADOS DE OUTUBRO

Atualização da versão do Oracle 19.6.0.0.200114, lançada em janeiro de 2020

Erros corrigidos:

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Versão 19.0.0.0.ru-2019-10.rur-2019-10.r1

A versão 19.0.0.0.ru-2019-10.rur-2019-10.r1 inclui o seguinte:

- Patch [30125133](#): ATUALIZAÇÃO DA VERSÃO DO BANCO DE DADOS 19.5.0.0.0
- Patch [30128191](#): ATUALIZAÇÃO DA VERSÃO DO OJVM 19.5.0.0.0
- Patch [29997937](#): ATUALIZAÇÃO DSTv34 para RDBMS (TZDATA2019B)
- Patch [29997959](#): ATUALIZAÇÃO DSTV34 para OJVM (TZDATA2019B)
- PreUpgrade Jarra: preupgrade_19_cbuild_4_if.zip
- Patch [28730253](#): SUPORTE A NOVA ERA REIWA PARA O CALENDÁRIO IMPERIAL JAPONÊS
- Patch [29213893](#): FALHA DE DBMS_STATS COM ERRO ORA-01422 AO COLETAR ESTATÍSTICAS PARA A TABELA DE USUÁRIOS
- Patch [30528704](#): 19C RMAN PARA RECUPERAÇÃO DE BANCO DE DADOS USE LOG REDO EM VEZ DE ARCHIVELOG APÓS APLICAR RU DE BANCO DE DADOS DE OUTUBRO
- Suporte para redimensionar o espaço de tabela temporário em uma réplica de leitura

Para ter mais informações, consulte [Redimensionar o espaço de tabela temporário em uma réplica de leitura](#) no Guia do usuário do Amazon RDS.

Atualização da versão do Oracle 19.5.0.0.0, lançada em outubro em 2019

Erros corrigidos:

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Versão 19.0.0.0.ru-2019-07.rur-2019-07.r1

A versão 19.0.0.0.ru-2019-07.rur-2019-07.r1 inclui o seguinte:

- Patch [29834717](#): atualização da versão do banco de dados 19.4.0.0.190716
- Patch [29774421](#): ATUALIZAÇÃO DA VERSÃO DO OJVM 19.4.0.0.190716
- Patch [28852325](#): RDBMS - ATUALIZAÇÃO DSTV33 - TZDATA2018G
- Patch [28852334](#): ATUALIZAÇÃO DSTV33 - TZDATA2018G - REQUER CORREÇÃO DO OJVM
- Patch [28730253](#): SUPORTE A NOVA ERA REIWA PARA O CALENDÁRIO IMPERIAL JAPONÊS
- Patch [29213893](#): FALHA DE DBMS_STATS COM ERRO ORA-01422 AO COLETAR ESTATÍSTICAS PARA A TABELA DE USUÁRIOS
- PreUpgrade Jarra: preupgrade_19_cbuild_4_if.zip

Atualização da versão do Oracle 19.4.0.0.190716, lançada em julho de 2019

Erros corrigidos:

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Amazon RDS para Oracle Database 18c (18.0.0.0)

O Amazon RDS para Oracle Database 18c (18.0.0.0) incorpora correções de bugs da Oracle usando Release Updates (RUs). O formato de nomenclatura de uma RU é o seguinte: versão.ru-data.rur-data.número. A versão é o número de cinco dígitos, por exemplo, 18.0.0.0. A data é o ano e o mês em que a atualização foi disponibilizada pela Oracle. O número é a revisão. O nome da atualização do Oracle Database 18c lançada pela Oracle em abril de 2021 é 18.0.0.0.ru-2021-04.rur-2021-04.r1.

Um upgrade de uma RU é chamado de upgrade de versão secundária. Mesmo que a string “rur” apareça no nome do patch, ela é uma RU em vez de uma RUR. O Amazon RDS faz upgrade de uma RU para outra RU. O RDS não é compatível com RURs como parte de seu mecanismo de upgrade de versão secundária. Não oferecemos suporte à aplicação de patches únicos em instâncias de banco de dados individuais.

Note

O suporte ao Oracle Database 18c (18.0.0.0) não é mais oferecido. Essas informações só serão úteis se você quiser atualizar um snapshot do Oracle Database 18c.

Para saber quais RUs são aplicadas ao Amazon RDS para Oracle Database 18c (18.0.0.0), consulte a tabela a seguir.

Data	RU
Abril de 2021	18.0.0.0.ru-2021-04.rur-2021-04.r1
Janeiro de 2021	18.0.0.0.ru-2021-01.rur-2021-01.r1
Outubro de 2020	18.0.0.0.ru-2020-10.rur-2020-10.r1
Julho de 2020	18.0.0.0.ru-2020-07.rur-2020-07.r1
Abril de 2020	18.0.0.0.ru-2020-04.rur-2020-04.r1
Janeiro de 2020	18.0.0.0.ru-2020-01.rur-2020-01.r1
Outubro de 2019	18.0.0.0.ru-2019-10.rur-2019-10.r1

Data	RU
Julho de 2019	18.0.0.0.ru-2019-07.rur-2019-07.r1

Versão 18.0.0.0.ru-2021-04.rur-2021-04.r1

A versão 18.0.0.0.ru-2021-04.rur-2021-04.r1 inclui o seguinte:

- Patch [32524155](#): ATUALIZAÇÃO DA VERSÃO DO BANCO DE DADOS 18.14.0.0.0
- Patch [32552752](#): ATUALIZAÇÃO DA VERSÃO DO OJVM 18.14.0.0.0
- Patch [32327201](#): RDBMS - ATUALIZAÇÃO DSTV36 - TZDATA2020E
- Patch [28730253](#): SUPORTE A NOVA ERA REIWA PARA O CALENDÁRIO IMPERIAL JAPONÊS
- Patch [27539475](#): ORA-3816 – INFORMAÇÕES DA MENSAGEM AUSENTES PARA O ERRO 3816
- Patch [29213893](#): FALHA DE DBMS_STATS COM ERRO ORA-01422 AO COLETAR ESTATÍSTICAS PARA A TABELA DE USUÁRIOS
- Patch [29374604](#): Extrato Integrado Golden Gate não iniciando 18c/19c Standard Edition
- Patch [26352615](#): ARQUIVOS DE AUDITORIA DE SPILLOVER NÃO PODEM SER ENCONTRADOS ORA-46372
- Jar PreUpgrade: preupgrade_181_cbuild_10_lf.zip

Patches combinados para a versão 18.0.0.0.ru-2021-04.rur-2021-04.r1, lançados em abril de 2021

Erros corrigidos:

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Versão 18.0.0.0.ru-2021-01.rur-2021-01.r1

A versão 18.0.0.0.ru-2021-01.rur-2021-01.r1 inclui o seguinte:

- Patch [32204699](#): ATUALIZAÇÃO DA VERSÃO DO BANCO DE DADOS 18.13.0.0.210119
- Patch [32119939](#): ATUALIZAÇÃO DA VERSÃO DO OJVM 18.13.0.0.210119
- Patch [31335037](#): RDBMS - ATUALIZAÇÃO DSTV35 - TZDATA2020A
- Patch [31335142](#): ATUALIZAÇÃO DSTV35 - TZDATA2020A - PRECISA DE CORREÇÃO DO OJVM
- Patch [28730253](#): SUPORTE A NOVA ERA REIWA PARA O CALENDÁRIO IMPERIAL JAPONÊS
- Patch [27539475](#): ORA-3816 – INFORMAÇÕES DA MENSAGEM AUSENTES PARA O ERRO 3816

- Patch [29213893](#): FALHA DE DBMS_STATS COM ERRO ORA-01422 AO COLETAR ESTATÍSTICAS PARA A TABELA DE USUÁRIOS
- Patch [29374604](#): Extrato Integrado Golden Gate não iniciando 18c/19c Standard Edition
- Patch [29782284](#): ORA-06508: "MDSYS.MDPRVT_IDX" AO FAZER UPGRADE DO BANCO DE DADOS PARA 18.3
- Jar PreUpgrade: preupgrade_181_cbuild_10_lf.zip
- Java Cryptography Extension (JCE): Arquivos de política de jurisdição de força ilimitada para JVM versão 8
- Suporte para definir parâmetros de tarefas de consultor usando procedimentos no pacote `rdsadmin.rdsadmin_util`

Para ter mais informações, consulte [Definição de parâmetros para tarefas do advisor](#) no Guia do usuário do Amazon RDS.

Patches combinados para a versão 18.0.0.0.ru-2021-01.rur-2021-01.r1, lançados em janeiro de 2021

Erros corrigidos:

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Versão 18.0.0.0.ru-2020-10.rur-2020-10.r1

A versão 18.0.0.0.ru-2020-10.rur-2020-10.r1 inclui o seguinte:

- Patch [31730250](#): atualização da versão do banco de dados 18.12.0.0.201020 (31730250)
- Patch [31668892](#): atualização da versão do OJVM 18.12.0.0.201020 (31668892)
- Patch [31335037](#): RDBMS - ATUALIZAÇÃO DSTV35 - TZDATA2020A
- Patch [31335142](#): ATUALIZAÇÃO DSTV35 - TZDATA2020A - PRECISA DE CORREÇÃO DO OJVM
- Patch [28730253](#): SUPORTE A NOVA ERA REIWA PARA O CALENDÁRIO IMPERIAL JAPONÊS
- Patch [29213893](#): FALHA DE DBMS_STATS COM ERRO ORA-01422 AO COLETAR ESTATÍSTICAS PARA A TABELA DE USUÁRIOS
- Patch [29374604](#): IE não inicia no 18c Oracle RDBMS Standard Edition.
- Jar PreUpgrade: preupgrade_181_cbuild_10_lf.zip
- Suporte para configurar e anular configuração de eventos de diagnóstico do sistema usando procedimentos no pacote `rdsadmin.rdsadmin_util`

Para ter mais informações, consulte [Configurar e anular configuração de eventos de diagnóstico do sistema](#) no Guia do usuário do Amazon RDS.

- Suporte para o procedimento `rdsadmin_util.truncate_apply$_cdr_info` descrito em [REPLICAT integrado lento devido a consulta no sys.“_DBA_APPLY_CDR_INFO”](#) no Guia do usuário do Amazon RDS.

Patches combinados para a versão 18.0.0.0.ru-2020-10.rur-2020-10.r1, lançados em outubro de 2020

Erros corrigidos:

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Versão 18.0.0.0.ru-2020-07.rur-2020-07.r1

A versão 18.0.0.0.ru-2020-07.rur-2020-07.r1 inclui o seguinte:

- Patch [31308624](#): atualização da versão do banco de dados 18.11.0.0.200714
- Patch [31219909](#): atualização da versão do OJVM 18.11.0.0.200714
- Patch [31335037](#): DSTV35 para RDBMS (TZDATA2020A)
- Patch [31335142](#): DSTV35 para OJVM (TZDATA2020A)
- Patch [29213893](#): FALHA DE DBMS_STATS COM ERRO ORA-01422 AO COLETAR ESTATÍSTICAS PARA A TABELA DE USUÁRIOS
- Patch [28730253](#): SUPORTE A NOVA ERA REIWA PARA O CALENDÁRIO IMPERIAL JAPONÊS
- Patch [29374604](#): IE não inicia no 18c Oracle RDBMS Standard Edition
- Jar PreUpgrade: preupgrade_181_cbuild_10_lf.zip

Patches combinados para a versão 18.0.0.0.ru-2020-07.rur-2020-07.r1, lançados em julho de 2020

Erros corrigidos:

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Versão 18.0.0.0.ru-2020-04.rur-2020-04.r1

A versão 18.0.0.0.ru-2020-04.rur-2020-04.r1 inclui o seguinte:

- Patch [30872794](#): atualização da versão do banco de dados 18.10.0.0.200414
- Patch [30805598](#): atualização da versão do Oracle JVM 18.10.0.0.200414
- Patch [29997937](#): DSTv34 para RDBMS (TZDATA2019B)
- Patch [29997959](#): DSTv34 para JVM (TZDATA2019G)
- Jar PreUpgrade: preupgrade_181_cbuild_9_lf.zip
- Patch [28730253](#): SUPORTE A NOVA ERA REIWA PARA O CALENDÁRIO IMPERIAL JAPONÊS incluído no DB PATCH 30138470

- Patch [29213893](#): FALHA DE DBMS_STATS COM ERRO ORA-01422 AO COLETAR ESTATÍSTICAS PARA A TABELA DE USUÁRIOS
- Suporte para limpeza da lixeira

Para ter mais informações, consulte [Limpeza da lixeira](#) no Guia do usuário do Amazon RDS.

- Suporte para gerar relatórios de desempenho com o Automatic Workload Repository (AWR) usando o pacote `rdsadmin.rdsadmin_diagnostic_util`

Para ter mais informações, consulte [Gerar relatórios de performance com o AWR \(Automatic Workload Repository\)](#) no Guia do usuário do Amazon RDS.

Patches combinados para a versão 18.0.0.0.ru-2020-04.rur-2020-04.r1, lançados em abril de 2020

Erros corrigidos:

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Versão 18.0.0.0.ru-2020-01.rur-2020-01.r1

A versão 18.0.0.0.ru-2020-01.rur-2020-01.r1 inclui o seguinte:

- Patch [30480385](#): atualização da versão do banco de dados 18.9.0.0.200114

- Patch [30501926](#): atualização da versão do OJVM 18.9.0.0.200114
- Patch [29997937](#): DSTv34 para RDBMS (TZDATA2019B)
- Patch [29997959](#): DSTv34 para OJVM (TZDATA2019G)
- Jar PreUpgrade: preupgrade_181_cbuid_9_lf.zip
- Patch [28730253](#): SUPORTE A NOVA ERA REIWA PARA O CALENDÁRIO IMPERIAL JAPONÊS incluído no DB PATCH 30138470
- Patch [29213893](#): FALHA DE DBMS_STATS COM ERRO ORA-01422 AO COLETAR ESTATÍSTICAS PARA A TABELA DE USUÁRIOS

Atualização da versão do Oracle 18.9.0.0.200114, lançada em janeiro de 2020

Erros corrigidos:

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Versão 18.0.0.0.ru-2019-10.rur-2019-10.r1

A versão 18.0.0.0.ru-2019-10.rur-2019-10.r1 inclui o seguinte:

- Patch [30112122](#): atualização da versão do banco de dados de outubro de 2019 18.8.0.0.191015
- Patch [30133625](#): ATUALIZAÇÃO DA VERSÃO DO OJVM 12.2.0.1.191015
- Patch [29997937](#): DSTv34 para RDBMS (TZDATA2019G)
- Patch [29997959](#): DSTv34 para OJVM (TZDATA2019G)
- Jar PreUpgrade: preupgrade_12201_cbuild_19_lf.zip

- Patch [28730253](#): SUPORTE A NOVA ERA REIWA PARA O CALENDÁRIO IMPERIAL JAPONÊS incluído no DB PATCH 30138470
- Patch [29213893](#): FALHA DE DBMS_STATS COM ERRO ORA-01422 AO COLETAR ESTATÍSTICAS PARA A TABELA DE USUÁRIOS
- Suporte para redimensionar o espaço de tabela temporário em uma réplica de leitura

Para ter mais informações, consulte [Redimensionar o espaço de tabela temporário em uma réplica de leitura](#) no Guia do usuário do Amazon RDS.

Atualização da versão do Oracle 18.8.0.0.0, lançada em outubro em 2019

Erros corrigidos:

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Versão 18.0.0.0.ru-2019-07.rur-2019-07.r1

A versão 18.0.0.0.ru-2019-07.rur-2019-07.r1 inclui o seguinte:

- Patch [29757256](#): atualização da versão do banco de dados 18.7.0.0.190716
- Patch [29774410](#): ATUALIZAÇÃO DA VERSÃO DO OJVM 18.7.0.0.190716
- Patch [27539475](#): "ORA-3816 – INFORMAÇÕES DA MENSAGEM AUSENTES PARA O ERRO 3816."
- Patch [29213893](#): "FALHA DE DBMS_STATS COM ERRO ORA-01422 AO COLETAR ESTATÍSTICAS PARA A TABELA DE USUÁRIOS"
- Patch [28125601](#): DSTv32 para RDBMS (TZDATA2018E)
- Patch [28852325](#): DSTv33 para RDBMS (TZDATA2018G)
- Patch [28852334](#): DSTv33 para OJVM (TZDATA2018G)
- Jar PreUpgrade: preupgrade_181_cbuild_7_lf.zip
- Patch [28730253](#): SUPORTE A NOVA ERA REIWA PARA O CALENDÁRIO IMPERIAL JAPONÊS

Atualização da versão do Oracle 18.7.0.0.190716, lançada em julho de 2019

Erros corrigidos:

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Amazon RDS para Oracle Database 12c versão 2 (12.2.0.1)

Para o Oracle Database 12c Versão 2 (12.2.0.1), a Oracle alterou a forma como libera as atualizações do Oracle Database. Em vez de PSUs, a Oracle fornece RUs e RURs. As RUs contêm alterações feitas no otimizador, adições de recursos e correções de segurança. As RURs só contêm correções de segurança para os dois ciclos de patches trimestrais anteriores. Não oferecemos suporte à aplicação de patches únicos em instâncias de banco de dados individuais.

A partir do Oracle Database 12c versão 2 (12.2.0.1), o Amazon RDS disponibiliza novas RUs a cada trimestre. O formato de nomenclatura de uma RU é o seguinte: versão.ru-data.rur-data.rnúmero. A versão é o número de cinco dígitos da versão, por exemplo, 12.2.0.1. A data é o ano e o mês em que a atualização foi disponibilizada pela Oracle. O número é a revisão. O nome da atualização do Oracle Database 12c lançada pela Oracle em abril de 2022 é 12.2.0.1.ru-2022-04.rur-2022-04.r1.

Um upgrade de uma RU é chamado de upgrade de versão secundária. Mesmo que a string “rur” apareça no nome do patch, ela é uma RU em vez de uma RUR. O Amazon RDS faz upgrade de uma RU para outra RU. O RDS não é compatível com RURs como parte de seu mecanismo de upgrade de versão secundária. Não oferecemos suporte à aplicação de patches únicos em instâncias de banco de dados individuais.

Para obter mais informações sobre o novo sistema de versionamento do Oracle Database, consulte as publicações [Differences between PSU / BP and RU / RUR](#) (Diferenças entre PSU/BP e RU/RUR) no blog Upgrade your Database – NOW! e [RU and RUR patches for Oracle Database 12c Release 2 \(12.2\)](#) (Patches RU e RUR para Oracle Database 12c Release 2 (12.2)) no blog Oracle–Help.

Note

O RDS para Oracle Database 12c não é mais compatível. Essas informações só serão úteis se você quiser atualizar um snapshot do Oracle Database 12c.

Para saber quais RUs são aplicadas ao Amazon RDS para Oracle Database 12c versão 2 (12.2.0.1), consulte a tabela a seguir.

Data	RU
Janeiro de 2022	12.2.0.1.ru-2022-01.rur-2022-01.r1

Data	RU
2021 de outubro	12.2.0.1.ru-2021-10.rur-2021-10.r1
Julho de 2021	12.2.0.1.ru-2021-07.rur-2021-07.r1
Abril de 2021	12.2.0.1.ru-2021-04.rur-2021-04.r1
Janeiro de 2021	12.2.0.1.ru-2021-01.rur-2021-01.r1
Outubro de 2020	12.2.0.1.ru-2020-10.rur-2020-10.r1
Julho de 2020	12.2.0.1.ru-2020-07.rur-2020-07.r1
Abril de 2020	12.2.0.1.ru-2020-04.rur-2020-04.r1
Janeiro de 2020	12.2.0.1.ru-2020-01.rur-2020-01.r1
Outubro de 2019	12.2.0.1.ru-2019-10.rur-2019-10.r1
Julho de 2019	12.2.0.1.ru-2019-07.rur-2019-07.r1
Abril de 2019	12.2.0.1.ru-2019-04.rur-2019-04.r1
Janeiro de 2019	12.2.0.1.ru-2019-01.rur-2019-01.r1
Outubro de 2018	12.2.0.1.ru-2018-10.rur-2018-10.r1

Versão 12.2.0.1.ru-2022-01.rur-2022-01.r1

A versão 12.2.0.1.ru-2022-01.rur-2022-01.r1 inclui o seguinte:

- Patch [33587128](#): ATUALIZAÇÃO DA VERSÃO DE JANEIRO DE 2022 DO BANCO DE DADOS 12.2.0.1.220118
- Patch [33561275](#): ATUALIZAÇÃO DA VERSÃO DO OJVM 12.2.0.1.220118
- Patch [33613829](#): RDBMS - ATUALIZAÇÃO DSTV37 - TZDATA2021E
- Patch [33613833](#): ATUALIZAÇÃO DSTV37 - TZDATA2021E - PRECISA DE CORREÇÃO DO OJVM

- Patch [29213893](#): FALHA DE DBMS_STATS COM ERRO ORA-01422 AO COLETAR ESTATÍSTICAS PARA A TABELA DE USUÁRIOS
- Patch [28730253](#): SUPORTE A NOVA ERA REIWA PARA O CALENDÁRIO IMPERIAL JAPONÊS
- Patch [26352615](#): ARQUIVOS DE AUDITORIA DE SPILLOVER NÃO PODEM SER ENCONTRADOS ORA-46372
- Jar PreUpgrade: preupgrade_12201_cbuid_24_lf.zip

Patches combinados para a versão 12.2.0.1.ru-2022-01.rur-2022-01.r1, lançados em janeiro de 2022

Erros corrigidos:

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Versão 12.2.0.1.ru-2021-10.rur-2021-10.r1

A versão 12.2.0.1.ru-2021-10.rur-2021-10.r1 inclui o seguinte:

- Patch [33261817](#): ATUALIZAÇÃO DA VERSÃO DE OUTUBRO DE 2021 DO BANCO DE DADOS 12.2.0.1.211019
- Patch [33192662](#): ATUALIZAÇÃO DA VERSÃO DO OJVM 12.2.0.1.211019
- Patch [32327201](#): RDBMS - ATUALIZAÇÃO DSTV36 - TZDATA2020E
- Patch [29213893](#): FALHA DE DBMS_STATS COM ERRO ORA-01422 AO COLETAR ESTATÍSTICAS PARA A TABELA DE USUÁRIOS
- Patch [28730253](#): SUPORTE A NOVA ERA REIWA PARA O CALENDÁRIO IMPERIAL JAPONÊS

- Patch [26352615](#): ARQUIVOS DE AUDITORIA DE SPILLOVER NÃO PODEM SER ENCONTRADOS ORA-46372
- Jar PreUpgrade: preupgrade_12201_cbuild_24_lf.zip

Patches combinados para a versão 12.2.0.1.ru-2021-10.rur-2021-10.r1, lançados em outubro de 2021

Erros corrigidos:

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Versão 12.2.0.1.ru-2021-07.rur-2021-07.r1

A versão 12.2.0.1.ru-2021-07.rur-2021-07.r1 inclui o seguinte:

- Patch [32916808](#): ATUALIZAÇÃO DA VERSÃO 12.2.0.1.210720 DE JULHO DE 2021 DO BANCO DE DADOS
- Patch [32876409](#): ATUALIZAÇÃO DA VERSÃO 12.2.0.1.210720 DO OJVM
- Patch [32327201](#): RDBMS - ATUALIZAÇÃO DSTV36 - TZDATA2020E
- Patch [29213893](#): FALHA DE DBMS_STATS COM ERRO ORA-01422 AO COLETAR ESTATÍSTICAS PARA A TABELA DE USUÁRIOS
- Patch [28730253](#): SUPORTE A NOVA ERA REIWA PARA O CALENDÁRIO IMPERIAL JAPONÊS
- Patch [26352615](#): ARQUIVOS DE AUDITORIA DE SPILLOVER NÃO PODEM SER ENCONTRADOS ORA-46372
- Jar PreUpgrade: preupgrade_12201_cbuild_24_lf.zip

Patches combinados para a versão 12.2.0.1.ru-2021-07.rur-2021-07.r1, lançados em julho de 2021

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Versão 12.2.0.1.ru-2021-04.rur-2021-04.r1

A versão 12.2.0.1.ru-2021-04.rur-2021-04.r1 inclui o seguinte:

- Patch [32507738](#): atualização da versão 12.2.0.1.210420 de abril de 2021 do banco de dados
- Patch [32473172](#): ATUALIZAÇÃO DA VERSÃO 12.2.0.1.210420 DO OJVM
- Patch [32327201](#): RDBMS - ATUALIZAÇÃO DSTV36 - TZDATA2020E
- Patch [29213893](#): FALHA DE DBMS_STATS COM ERRO ORA-01422 AO COLETAR ESTATÍSTICAS PARA A TABELA DE USUÁRIOS
- Patch [28730253](#): SUPORTE A NOVA ERA REIWA PARA O CALENDÁRIO IMPERIAL JAPONÊS
- Patch [26352615](#): ARQUIVOS DE AUDITORIA DE SPILLOVER NÃO PODEM SER ENCONTRADOS ORA-46372
- Jar PreUpgrade: preupgrade_12201_cbuild_24_lf.zip

Patches combinados para a versão 12.2.0.1.ru-2021-04.rur-2021-04.r1, lançados em abril de 2021

Erros corrigidos:

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Versão 12.2.0.1.ru-2021-01.rur-2021-01.r1

A versão 12.2.0.1.ru-2021-01.rur-2021-01.r1 inclui o seguinte:

- Patch [32228578](#): ATUALIZAÇÃO DA VERSÃO 12.2.0.1.210119 DE JANEIRO DE 2021 DO BANCO DE DADOS
- Patch [32119931](#): ATUALIZAÇÃO DA VERSÃO 12.2.0.1.210119 DO OJVM
- Patch [31335037](#): RDBMS - ATUALIZAÇÃO DSTV35 - TZDATA2020A
- Patch [31335142](#): ATUALIZAÇÃO DSTV35 - TZDATA2020A - PRECISA DE CORREÇÃO DO OJVM
- Patch [29213893](#): FALHA DE DBMS_STATS COM ERRO ORA-01422 AO COLETAR ESTATÍSTICAS PARA A TABELA DE USUÁRIOS
- Jar PreUpgrade: preupgrade_12201_cbuid_19_lf.zip
- Java Cryptography Extension (JCE): Arquivos de política de jurisdição de força ilimitada para JVM versão 8
- Suporte para gerenciamento de tarefas de consultor usando procedimentos no pacote `rdsadmin.rdsadmin_util`

Para ter mais informações, consulte [Gerenciando de tarefas do advisor](#) no Guia do usuário do Amazon RDS.

Patches combinados para a versão 12.2.0.1.ru-2021-01.rur-2021-01.r1, lançados em janeiro de 2021

Erros corrigidos:

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Versão 12.2.0.1.ru-2020-10.rur-2020-10.r1

A versão 12.2.0.1.ru-2020-10.rur-2020-10.r1 inclui o seguinte:

- Patch [31741641](#): Atualização da versão de outubro de 2020 do banco de dados: 12.2.0.1.201020 (31741641)
- Patch [31668898](#): atualização da versão do OJVM 12.2.0.1.201020 (31668898)
- Patch [31335037](#): RDBMS - ATUALIZAÇÃO DSTV35 - TZDATA2020A
- Patch [31335142](#): ATUALIZAÇÃO DSTV35 - TZDATA2020A - PRECISA DE CORREÇÃO DO OJVM
- Patch [29213893](#): FALHA DE DBMS_STATS COM ERRO ORA-01422 AO COLETAR ESTATÍSTICAS PARA A TABELA DE USUÁRIOS
- Jar PreUpgrade: preupgrade_12201_cbuild_19_lf.zip

- Suporte para configurar e anular configuração de eventos de diagnóstico do sistema usando procedimentos no pacote `rdsadmin.rdsadmin_util`

Para ter mais informações, consulte [Configurar e anular configuração de eventos de diagnóstico do sistema](#) no Guia do usuário do Amazon RDS.

- Suporte para o procedimento `rdsadmin_util.truncate_apply$_cdr_info` descrito em [REPLICAT integrado lento devido a consulta no sys. "_DBA_APPLY_CDR_INFO"](#) no Guia do usuário do Amazon RDS.

Patches combinados para a versão 12.2.0.1.ru-2020-10.rur-2020-10.r1, lançados em outubro de 2020

Erros corrigidos:

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Versão 12.2.0.1.ru-2020-07.rur-2020-07.r1

A versão 12.2.0.1.ru-2020-07.rur-2020-07.r1 inclui o seguinte:

- Patch [31312468](#): atualização da versão 12.2.0.1.200714 de julho de 2020 do banco de dados
- Patch [31219919](#): atualização da versão do OJVM 12.2.0.1.200714
- Patch [31335037](#): DSTV35 para RDBMS (TZDATA2020A)
- Patch [31335142](#): DSTV35 para OJVM (TZDATA2020A)
- Patch [29213893](#): FALHA DE DBMS_STATS COM ERRO ORA-01422 AO COLETAR ESTATÍSTICAS PARA A TABELA DE USUÁRIOS
- Jar PreUpgrade: preupgrade_12201_cbuild_19_lf.zip

Patches combinados para a versão 12.2.0.1.ru-2020-07.rur-2020-07.r1, lançados em julho de 2020

Erros corrigidos:

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Versão 12.2.0.1.ru-2020-04.rur-2020-04.r1

A versão 12.2.0.1.ru-2020-04.rur-2020-04.r1 inclui o seguinte:

- Patch [30886680](#): atualização da versão de abril de 2020 do banco de dados 12.2.0.1.200414
- Patch [30805580](#): atualização da versão do Oracle JVM 12.2.0.1.200414
- Patch [29997937](#): DSTv34 para RDBMS (TZDATA2019G)
- Patch [29997959](#): DSTv34 para OJVM (TZDATA2019G)
- Jar PreUpgrade: preupgrade_12201_cbuild_19_lf.zip
- Patch [28730253](#): SUPORTE A NOVA ERA REIWA PARA O CALENDÁRIO IMPERIAL JAPONÊS incluído no DB PATCH 30138470
- Suporte para limpeza da lixeira

Para ter mais informações, consulte [Limpeza da lixeira](#) no Guia do usuário do Amazon RDS.

- Suporte para gerar relatórios de desempenho com o Automatic Workload Repository (AWR) usando o pacote `rdsadmin.rdsadmin_diagnostic_util`

Para ter mais informações, consulte [Gerar relatórios de performance com o AWR \(Automatic Workload Repository\)](#) no Guia do usuário do Amazon RDS.

Patches combinados para a versão 12.2.0.1.ru-2020-04.rur-2020-04.r1, lançados em abril de 2020

Erros corrigidos:

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Versão 12.2.0.1.ru-2020-01.rur-2020-01.r1

A versão 12.2.0.1.ru-2020-01.rur-2020-01.r1 inclui o seguinte:

- Patch [30593149](#): atualização da versão de janeiro de 2020 do banco de dados: 12.2.0.1.200114
- Patch [30502018](#): atualização da versão do OJVM 12.2.0.1.200114
- Patch [29997937](#): DSTv34 para RDBMS (TZDATA2019G)
- Patch [29997959](#): DSTv34 para OJVM (TZDATA2019G)
- Jar PreUpgrade: preupgrade_12201_cbuild_19_lf.zip
- Patch [28730253](#): SUPORTE A NOVA ERA REIWA PARA O CALENDÁRIO IMPERIAL JAPONÊS incluído no DB PATCH 30138470

Atualização da versão do Oracle 12.2.0.1.200114, lançada em janeiro de 2020

Erros corrigidos:

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Versão 12.2.0.1.ru-2019-10.rur-2019-10.r1

A versão 12.2.0.1.ru-2019-10.rur-2019-10.r1 inclui o seguinte:

- Patch [30138470](#): ATUALIZAÇÃO DA VERSÃO DO BANCO DE DADOS DE OUTUBRO DE 2019 12.2.0.1.191015
- Patch [30133625](#): ATUALIZAÇÃO DA VERSÃO DO OJVM 12.2.0.1.191015
- Patch [29997937](#): DSTv34 para RDBMS (TZDATA2019G)

- Patch [29997959](#): DSTv34 para OJVM (TZDATA2019G)
- Jar PreUpgrade: preupgrade_12201_cbuild_19_lf.zip
- Patch [28730253](#): SUPORTE A NOVA ERA REIWA PARA O CALENDÁRIO IMPERIAL JAPONÊS incluído no DB PATCH 30138470
- Suporte para redimensionar o espaço de tabela temporário em uma réplica de leitura

Para ter mais informações, consulte [Redimensionar o espaço de tabela temporário em uma réplica de leitura](#) no Guia do usuário do Amazon RDS.

Atualização da versão do Oracle 12.2.0.1.191015, lançada em outubro em 2019

Erros corrigidos:

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Versão 12.2.0.1.ru-2019-07.rur-2019-07.r1

A versão 12.2.0.1.ru-2019-07.rur-2019-07.r1 inclui o seguinte:

- Patch [29757449](#): ATUALIZAÇÃO DA VERSÃO 12.2.0.1.190716 DE JULHO DE 2019 DO BANCO DE DADOS
- Patch [29774415](#): ATUALIZAÇÃO DA VERSÃO DO OJVM 12.2.0.1.190716
- Patch [28125601](#): DSTv33 para RDBMS (TZDATA2018G)
- Patch [28127287](#): DSTv33 para OJVM (TZDATA2018G)
- Jar PreUpgrade: preupgrade_12201_cbuild_22_lf.zip
- Patch [29213893](#): FALHA DE DBMS_STATS COM ERRO ORA-01422 AO COLETAR ESTATÍSTICAS PARA A TABELA DE USUÁRIOS
- Patch [28730253](#): SUPORTE A NOVA ERA REIWA PARA O CALENDÁRIO IMPERIAL JAPONÊS

Atualização da versão do Oracle 12.2.0.1.190716, lançada em julho de 2019

Erros corrigidos:

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Versão 12.2.0.1.ru-2019-04.rur-2019-04.r1

A versão 12.2.0.1.ru-2019-04.rur-2019-04.r1 inclui o seguinte:

- Patch [29314339](#): atualização da versão de abril de 2019 do banco de dados: 12.2.0.1.190416
- Patch [29249637](#): ATUALIZAÇÃO DA VERSÃO DO OJVM: 12.2.0.1.190416
- Patch [28852325](#): DSTv33 para RDBMS (TZDATA2018G)
- Patch [28852334](#): DSTv33 para OJVM (TZDATA2018G)
- Jar PreUpgrade: preupgrade_12201_cbuild_21_lf.zip
- Patch [28423598](#): A AUTORIZAÇÃO DO GOLDENGATE FAZ COM QUE O DG ATIVO NÃO POSSA SER USADO ATÉ A DEVOLUÇÃO
- Patch [28730253](#): SUPORTE A NOVA ERA REIWA PARA O CALENDÁRIO IMPERIAL JAPONÊS
- Suporte para o pacote `rdsadmin_dbms_goldengate_auth`, que fornece os privilégios GRANT necessários para uma conta de administrador do GoldenGate

Para obter mais informações, consulte [Como conceder privilégios de conta no banco de dados de origem](#) no Guia do usuário do Amazon RDS.

Atualização da versão do Oracle 12.2.0.1.190416, lançada em abril de 2019

Erros corrigidos:

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Versão 12.2.0.1.ru-2019-01.rur-2019-01.r1

A versão 12.2.0.1.ru-2019-01.rur-2019-01.r1 inclui o seguinte:

- Patch [28822515](#): atualização da versão de janeiro de 2019 do banco de dados: 12.2.0.1.190115
- Patch [28790651](#): ATUALIZAÇÃO DA VERSÃO DO OJVM 12.2.0.1.190115
- Patch [28125601](#): DSTv32 para RDBMS (TZDATA2018E)
- Patch [28127287](#): DSTv32 para OJVM (TZDATA2018E)
- Jar PreUpgrade: preupgrade_12201_cbuild_19_lf.zip

Atualização da versão do Oracle 12.2.0.1.190115, lançada em janeiro de 2019

Erros corrigidos:

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Versão 12.2.0.1.ru-2018-10.rur-2018-10.r1

A versão 12.2.0.1.ru-2018-10.rur-2018-10.r1 inclui o seguinte:

- Atualização da versão de outubro de 2018: 12.2.0.1.181016 (28662603)

Atualização da versão do Oracle 12.2.0.1.181016, lançada em outubro em 2018

Erros corrigidos:

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Amazon RDS para Oracle Database 12c Versão 1 (12.1.0.2)

Para o Amazon RDS para Oracle Database 12c versão 1 (12.1.0.2), o Amazon RDS incorpora correções de bugs da Oracle usando Patch Set Updates (PSUs) trimestrais do banco de dados. Caso aplique atualizações, fique tranquilo porque a instância de banco de dados está executando uma versão do software de banco de dados que foi submetida a testes pela Oracle e pela Amazon. Não oferecemos suporte à aplicação de patches únicos em instâncias de banco de dados individuais.

Note

O RDS para Oracle Database 12c não é mais compatível. Essas informações só serão úteis se você quiser atualizar um snapshot do Oracle Database 12c.

Para saber quais Patch Set Updates (PSUs) da Oracle são aplicadas ao Amazon RDS para Oracle Database 12c versão 1 (12.1.0.2), consulte a tabela a seguir.

Data	PSU
Julho de 2022	12.1.0.2.v29
Abril de 2022	12.1.0.2.v28
Janeiro de 2022	12.1.0.2.v27
2021 de outubro	12.1.0.2.v26
Julho de 2021	12.1.0.2.v25
Abril de 2021	12.1.0.2.v24
Janeiro de 2021	12.1.0.2.v23
Outubro de 2020	12.1.0.2.v22
Julho de 2020	12.1.0.2.v21
Abril de 2020	12.1.0.2.v20

Data	PSU
Janeiro de 2020	12.1.0.2.v19
Outubro de 2019	12.1.0.2.v18
Julho de 2019	12.1.0.2.v17
Abril de 2019	12.1.0.2.v16
Janeiro de 2019	12.1.0.2.v15
Outubro de 2018	12.1.0.2.v14
Julho de 2018	12.1.0.2.v13
Abril de 2018	12.1.0.2.v12
Janeiro de 2018	12.1.0.2.v11
Outubro de 2017	12.1.0.2.v10
Julho de 2017	12.1.0.2.v9
Abril de 2017	12.1.0.2.v8
Janeiro de 2017	12.1.0.2.v7
Outubro de 2016	12.1.0.2.v6
Julho de 2016	12.1.0.2.v5
Abril de 2016	12.1.0.2.v4
Janeiro de 2016	12.1.0.2.v3
Outubro de 2015	12.1.0.2.v2
Abril de 2015	12.1.0.2.v1

Versão 12.1.0.2.v29

A versão 12.1.0.2.v29 inclui o seguinte:

- Patch [34057742](#): ATUALIZAÇÃO DO CONJUNTO DE PATCHES DO BANCO DE DADOS 12.1.0.2.220719
- Patch [34086863](#): ATUALIZAÇÃO DO CONJUNTO DE PATCHES DO OJVM 12.1.0.2.220719
- Patch [34006614](#): RDBMS - ATUALIZAÇÃO DSTV38 - TZDATA2022A
- Patch [34006650](#): ATUALIZAÇÃO DSTV38 - TZDATA2022A - PRECISA DE CORREÇÃO DO OJVM
- Patch [17969866](#): Oracle GoldenGate – 46719 ENH SUPORTE DE REPLICAÇÃO PARA INSERÇÕES/ATUALIZAÇÕES COMPLETAS COM VALORES GRANDES
- Patch [20394750](#): Oracle GoldenGate – APLICAR FALHA DE RESOLUÇÃO CDR PARA LOBS, XML, LONG e OBJETOS
- Patch [24835919](#): Oracle GoldenGate – IR EXECUTANDO TRANSAÇÕES DEPENDENTES FORA DE ORDEM COM PARALELISMO MAIOR QUE
- Patch [23262847](#): Oracle GoldenGate – REDO MALFORMADO CAUSOU ABEND NA REPLICAÇÃO DO OGG
- Patch [21171382](#): ADICIONADO O CONTROLE PARA CRIAÇÃO AUTOMÁTICA DE EXTENSÕES DE ESTATÍSTICAS
- Patch [21091901](#): MOVER HASH OU PARTIÇÃO DE REFERÊNCIA ONLINE PODE DEIXAR OS ÍNDICES LOCAIS INCONSISTENTES
- Patch [25031502](#): WORKLOAD DE REESCRITA DE CONSULTA DO MV HIT ORA 600 [KGL-HEAP-SIZE-EXCEEDED]
- Patch [23711335](#): CDB_UPG:PDCDB: O UPGRADE DO CDB COMO UM TODO LEVA 1 HORA A MAIS DO QUE OS RÓTULOS ANTERIORES EM MAIO
- Patch [34339921](#): SOLICITAÇÃO DE MESCLAGEM SOBRE O BANCO DE DADOS PSU 12.1.0.2.220719 PARA BUGS 33788341
- Patch [19504946](#): FLASH CACHE NÃO FUNCIONA NO OEL7
- Patch [34459167](#): FALHA NA INICIALIZAÇÃO DA INSTÂNCIA DE BANCO DE DADOS 12.1.0.2 COM EXCEÇÃO ORA-7445
- Jar PreUpgrade: preupgrade_12.1.0.2.0_18_crlf.zip

Patches combinados para a versão 12.1.0.2.v29, lançados em 5 de outubro de 2022

Erros corrigidos:

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Versão 12.1.0.2.v28

A versão 12.1.0.2.v28 inclui o seguinte:

- Patch [33711081](#): ATUALIZAÇÃO DO CONJUNTO DE PATCHES DO BANCO DE DADOS 12.1.0.2.220419
- Patch [33808385](#): ATUALIZAÇÃO DO CONJUNTO DE PATCHES DO OJVM 12.1.0.2.220419
- Patch [34006614](#): RDBMS - ATUALIZAÇÃO DSTV38 - TZDATA2022A
- Patch [34006650](#): ATUALIZAÇÃO DSTV38 - TZDATA2022A - PRECISA DE CORREÇÃO DO OJVM
- Patch [17969866](#): Oracle GoldenGate – 46719 ENH SUPORTE DE REPLICAÇÃO PARA INSERÇÕES/ATUALIZAÇÕES COMPLETAS COM VALORES GRANDES
- Patch [20394750](#): Oracle GoldenGate – APLICAR FALHA DE RESOLUÇÃO CDR PARA LOBS, XML, LONG e OBJETOS
- Patch [24835919](#): Oracle GoldenGate – IR EXECUTANDO TRANSAÇÕES DEPENDENTES FORA DE ORDEM COM PARALELISMO MAIOR QUE
- Patch [23262847](#): Oracle GoldenGate – REDO MALFORMADO CAUSOU ABEND NA REPLICAÇÃO DO OGG
- Patch [21171382](#): ADICIONADO O CONTROLE PARA CRIAÇÃO AUTOMÁTICA DE EXTENSÕES DE ESTATÍSTICAS
- Patch [21091901](#): MOVER HASH OU PARTIÇÃO DE REFERÊNCIA ONLINE PODE DEIXAR OS ÍNDICES LOCAIS INCONSISTENTES
- Patch [25031502](#): WORKLOAD DE REESCRITA DE CONSULTA DO MV HIT ORA 600 [KGL-HEAP-SIZE-EXCEEDED]
- Patch [23711335](#): CDB_UPG PDCDB O UPGRADE DO CDB COMO UM TODO LEVA 1 HORA A MAIS DO QUE OS RÓTULOS ANTERIORES EM MAIO
- Patch [34040225](#): SOLICITAÇÃO DE MESCLAGEM SOBRE O BANCO DE DADOS PSU 12.1.0.2.220419 PARA BUGS 33788341
- Patch [19504946](#): FLASH CACHE NÃO FUNCIONA NO OEL7
- Jar PreUpgrade: preupgrade_12.1.0.2.0_18_crlf.zip

Patches combinados para a versão 12.1.0.2.v28, lançados em 28 de julho de 2022

Erros corrigidos:

6194865, 6418158, 6599380, 8975044, 13542050, 13787015, 13854364
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Versão 12.1.0.2.v27

A versão 12.1.0.2.v27 inclui o seguinte:

- Patch [33477199](#): ATUALIZAÇÃO DO CONJUNTO DE PATCHES DO BANCO DE DADOS 12.1.0.2.220118
- Patch [33561268](#): ATUALIZAÇÃO DO CONJUNTO DE PATCHES DO OJVM 12.1.0.2.220118
- Patch [33613829](#): RDBMS - ATUALIZAÇÃO DSTV37 - TZDATA2020E
- Patch [33613833](#): ATUALIZAÇÃO DSTV37 - TZDATA2020E - PRECISA DE CORREÇÃO DO OJVM
- Patch [17969866](#): Oracle GoldenGate – 46719 ENH SUPORTE DE REPLICAÇÃO PARA INSERÇÕES/ATUALIZAÇÕES COMPLETAS COM VALORES GRANDES
- Patch [20394750](#): Oracle GoldenGate – APLICAR FALHA DE RESOLUÇÃO CDR PARA LOBS, XML, LONG e OBJETOS
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- Patch [23262847](#): Oracle GoldenGate – REDO MALFORMADO CAUSOU ABEND NA REPLICAÇÃO DO OGG
- Patch [21171382](#): ADICIONADO O CONTROLE PARA CRIAÇÃO AUTOMÁTICA DE EXTENSÕES DE ESTATÍSTICAS
- Patch [21091901](#): MOVER HASH OU PARTIÇÃO DE REFERÊNCIA ONLINE PODE DEIXAR OS ÍNDICES LOCAIS INCONSISTENTES
- Patch [25031502](#): WORKLOAD DE REESCRITA DE CONSULTA DO MV HIT ORA 600 [KGL-HEAP-SIZE-EXCEEDED]
- Patch [23711335](#): CDB_UPG PDCDB O UPGRADE DO CDB COMO UM TODO LEVA 1 HORA A MAIS DO QUE OS RÓTULOS ANTERIORES EM MAIO
- Patch [33788341](#): Pacote de patches JSON - SOLICITAÇÃO DE MESCLAGEM SOBRE O BANCO DE DADOS PSU 12.1.0.2.220118 PARA BUGS 32327179
- Patch [19504946](#): FLASH CACHE NÃO FUNCIONA NO OEL7
- Jar PreUpgrade: preupgrade_12.1.0.2.0_18_crlf.zip

Patches combinados para a versão 12.1.0.2.v27, lançados em janeiro de 2022

Erros corrigidos:

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Versão 12.1.0.2.v26

A versão 12.1.0.2.v26 inclui o seguinte:

- Patch [33128590](#): ATUALIZAÇÃO DA VERSÃO DE OUTUBRO DE 2021 DO BANCO DE DADOS 12.1.0.2.211019
- Patch [33192628](#): ATUALIZAÇÃO DO OJVM VERSÃO 12.1.0.2.211019
- Patch [32327201](#): RDBMS - ATUALIZAÇÃO DSTV36 - TZDATA2020E
- Patch [17969866](#): Oracle GoldenGate – 46719 SUPORTE A REPLICAÇÃO APRIMORADO PARA INSERÇÕES/ATUALIZAÇÕES COMPLETAS COM VALORES GRANDES
- Patch [20394750](#): Oracle GoldenGate – APLICAR FALHA DE RESOLUÇÃO CDR PARA LOBS, XML, LONG e OBJETOS

- Patch [24835919](#): Oracle GoldenGate – IR EXECUTANDO TRANSAÇÕES DEPENDENTES FORA DE ORDEM COM PARALELISMO MAIOR QUE
- Patch [23262847](#): Oracle GoldenGate – REDO MALFORMADO CAUSOU ABEND NA REPLICAÇÃO DO OGG
- Patch [21171382](#): ADICIONADO O CONTROLE PARA CRIAÇÃO AUTOMÁTICA DE EXTENSÕES DE ESTATÍSTICAS
- Patch [21091901](#): MOVER HASH OU PARTIÇÃO DE REFERÊNCIA ONLINE PODE DEIXAR OS ÍNDICES LOCAIS INCONSISTENTES
- Patch [25031502](#): WORKLOAD DE REESCRITA DE CONSULTA DO MV HIT ORA 600 [KGL-HEAP-SIZE-EXCEEDED]
- Patch [23711335](#): CDB_UPG PDCDB O UPGRADE DO CDB COMO UM TODO LEVA 1 HORA A MAIS DO QUE OS RÓTULOS ANTERIORES EM MAIO
- Patch [33510113](#): patch do pacote JSON
- Jar PreUpgrade: preupgrade_12.1.0.2.0_18_crlf.zip

Patches combinados para a versão 12.1.0.2.v26, lançados em outubro de 2021

Erros corrigidos:

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Versão 12.1.0.2.v25

A versão 12.1.0.2.v25 inclui o seguinte:

- Patch [32768233](#): ATUALIZAÇÃO DO CONJUNTO DE PATCHES DO BANCO DE DADOS 12.1.0.2.210720
- Patch [32876425](#): ATUALIZAÇÃO DO CONJUNTO DE PATCHES DO OJVM 12.1.0.2.210720
- Patch [32327201](#): RDBMS - ATUALIZAÇÃO DSTV36 - TZDATA2020E
- Patch [17969866](#): Oracle GoldenGate – 46719 ENH SUPORTE DE REPLICAÇÃO PARA INSERÇÕES/ATUALIZAÇÕES COMPLETAS COM VALORES GRANDES
- Patch [20394750](#): Oracle GoldenGate – APLICAR FALHA DE RESOLUÇÃO CDR PARA LOBS, XML, LONG e OBJETOS
- Patch [24835919](#): Oracle GoldenGate – IR EXECUTANDO TRANSAÇÕES DEPENDENTES FORA DE ORDEM COM PARALELISMO MAIOR QUE
- Patch [23262847](#): Oracle GoldenGate – REDO MALFORMADO CAUSOU ABEND NA REPLICAÇÃO DO OGG
- Patch [21171382](#): ADICIONADO O CONTROLE PARA CRIAÇÃO AUTOMÁTICA DE EXTENSÕES DE ESTATÍSTICAS
- Patch [21091901](#): MOVER HASH OU PARTIÇÃO DE REFERÊNCIA ONLINE PODE DEIXAR OS ÍNDICES LOCAIS INCONSISTENTES
- Patch [25031502](#): WORKLOAD DE REESCRITA DE CONSULTA DO MV HIT ORA 600 [KGL-HEAP-SIZE-EXCEEDED]
- Patch [23711335](#): CDB_UPG PDCDB O UPGRADE DO CDB COMO UM TODO LEVA 1 HORA A MAIS DO QUE OS RÓTULOS ANTERIORES EM MAIO
- Patch [33013352](#): patch do pacote JSON
- Jar PreUpgrade: preupgrade_12.1.0.2.0_18_crlf.zip

Patches combinados para a versão 12.1.0.2.v25, lançados em julho de 2021

Erros corrigidos:

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Versão 12.1.0.2.v24

A versão 12.1.0.2.v24 inclui o seguinte:

- Patch [32328635](#): ATUALIZAÇÃO DO CONJUNTO DE PATCHES DO BANCO DE DADOS 12.1.0.2.210420
- Patch [32473164](#): ATUALIZAÇÃO DO CONJUNTO DE PATCHES DO OJVM 12.1.0.2.210420
- Patch [32327201](#): RDBMS - ATUALIZAÇÃO DSTV36 - TZDATA2020E
- Patch [17969866](#): Oracle GoldenGate – 46719 ENH SUPORTE DE REPLICAÇÃO PARA INSERÇÕES/ATUALIZAÇÕES COMPLETAS COM VALORES GRANDES
- Patch [20394750](#): Oracle GoldenGate – APLICAR FALHA DE RESOLUÇÃO CDR PARA LOBS, XML, LONG e OBJETOS
- Patch [24835919](#): Oracle GoldenGate – IR EXECUTANDO TRANSAÇÕES DEPENDENTES FORA DE ORDEM COM PARALELISMO MAIOR QUE

- Patch [23262847](#): Oracle GoldenGate – REDO MALFORMADO CAUSOU ABEND NA REPLICAÇÃO DO OGG
- Patch [21171382](#): ADICIONADO O CONTROLE PARA CRIAÇÃO AUTOMÁTICA DE EXTENSÕES DE ESTATÍSTICAS
- Patch [21091901](#): MOVER HASH OU PARTIÇÃO DE REFERÊNCIA ONLINE PODE DEIXAR OS ÍNDICES LOCAIS INCONSISTENTES
- Patch [25031502](#): WORKLOAD DE REESCRITA DE CONSULTA DO MV HIT ORA 600 [KGL-HEAP-SIZE-EXCEEDED]
- Patch [23711335](#): CDB_UPG PDCDB O UPGRADE DO CDB COMO UM TODO LEVA 1 HORA A MAIS DO QUE OS RÓTULOS ANTERIORES EM MAIO
- Patch [32616600](#): patch do pacote JSON
- Jar PreUpgrade: preupgrade_12.1.0.2.0_18_crlf.zip

Patches combinados para a versão 12.1.0.2.v24, lançados em abril de 2021

Erros corrigidos:

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Versão 12.1.0.2.v23

A versão 12.1.0.2.v23 inclui o seguinte:

- Patch [31985579](#): ATUALIZAÇÃO DO CONJUNTO DE PATCHES DO BANCO DE DADOS 12.1.0.2.210119
- Patch [32119956](#): ATUALIZAÇÃO DO CONJUNTO DE PATCHES DO OJVM 12.1.0.2.210119
- Patch [31335037](#): RDBMS - ATUALIZAÇÃO DSTV35 - TZDATA2020A

- Patch [31335142](#): ATUALIZAÇÃO DSTV35 - TZDATA2020A - PRECISA DE CORREÇÃO DO OJVM
- Patch [28730253](#): SUPORTE A NOVA ERA REIWA PARA O CALENDÁRIO IMPERIAL JAPONÊS
- Patch [17969866](#): Oracle GoldenGate – 46719 ENH SUPORTE DE REPLICAÇÃO PARA INSERÇÕES/ATUALIZAÇÕES COMPLETAS COM VALORES GRANDES
- Patch [20394750](#): Oracle GoldenGate – APLICAR FALHA DE RESOLUÇÃO CDR PARA LOBS, XML, LONG e OBJETOS
- Patch [24835919](#): Oracle GoldenGate – IR EXECUTANDO TRANSAÇÕES DEPENDENTES FORA DE ORDEM COM PARALELISMO MAIOR QUE
- Patch [23262847](#): Oracle GoldenGate – REDO MALFORMADO CAUSOU ABEND NA REPLICAÇÃO DO OGG
- Patch [21171382](#): ADICIONADO O CONTROLE PARA CRIAÇÃO AUTOMÁTICA DE EXTENSÕES DE ESTATÍSTICAS
- Patch [21091901](#): MOVER HASH OU PARTIÇÃO DE REFERÊNCIA ONLINE PODE DEIXAR OS ÍNDICES LOCAIS INCONSISTENTES
- Patch [25031502](#): WORKLOAD DE REESCRITA DE CONSULTA DO MV HIT ORA 600 [KGL-HEAP-SIZE-EXCEEDED]
- Patch [23711335](#): CDB_UPG PDCDB O UPGRADE DO CDB COMO UM TODO LEVA 1 HORA A MAIS DO QUE OS RÓTULOS ANTERIORES EM MAIO
- Patch [32327179](#): patch do pacote JSON
- Jar PreUpgrade: preupgrade_12.1.0.2.0_18_crlf.zip
- Java Cryptography Extension (JCE): arquivos de política de jurisdição de força ilimitada para JVM versão 6

Patches combinados para a versão 12.1.0.2.v23, lançados em fevereiro de 2021

Erros corrigidos:

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Versão 12.1.0.2.v22

A versão 12.1.0.2.v22 inclui o seguinte:

- Patch [31550110](#): atualização do conjunto de patches do banco de dados 12.1.0.2.201020 (31550110)
- Patch [31668915](#): PSU de banco de dados 12.1.0.2.201020, Componente Oracle JavaVM (OCT2020)
- Patch [31335037](#): RDBMS - ATUALIZAÇÃO DSTV35 - TZDATA2020A
- Patch [31335142](#): ATUALIZAÇÃO DSTV35 - TZDATA2020A - PRECISA DE CORREÇÃO DO OJVM
- Patch [17969866](#): Oracle GoldenGate – 46719 ENH SUPORTE DE REPLICAÇÃO PARA INSERÇÕES/ATUALIZAÇÕES COMPLETAS COM VALORES GRANDES
- Patch [20394750](#): Oracle GoldenGate – APLICAR FALHA DE RESOLUÇÃO CDR PARA LOBS, XML, LONG e OBJETOS
- Patch [24835919](#): Oracle GoldenGate – IR EXECUTANDO TRANSAÇÕES DEPENDENTES FORA DE ORDEM COM PARALELISMO MAIOR QUE
- Patch [23262847](#): Oracle GoldenGate – REDO MALFORMADO CAUSOU ABEND NA REPLICAÇÃO DO OGG
- Patch [21091901](#): MOVER HASH OU PARTIÇÃO DE REFERÊNCIA ONLINE PODE DEIXAR OS ÍNDICES LOCAIS INCONSISTENTES
- Patch [21171382](#): ADICIONADO O CONTROLE PARA CRIAÇÃO AUTOMÁTICA DE EXTENSÕES DE ESTATÍSTICAS
- Patch [23711335](#): CDB_UPG PDCDB O UPGRADE DO CDB COMO UM TODO LEVA 1 HORA A MAIS DO QUE OS RÓTULOS ANTERIORES EM MAIO
- Patch [25031502](#): WORKLOAD DE REESCRITA DE CONSULTA DO MV HIT ORA 600 [KGL-HEAP-SIZE-EXCEEDED]
- Patch [31911280](#): patch do pacote JSON
- Jar PreUpgrade: preupgrade_12.1.0.2.0_18_crlf.zip
- Suporte para configurar e anular configuração de eventos de diagnóstico do sistema usando procedimentos no pacote `rdsadmin.rdsadmin_util`

Para ter mais informações, consulte [Configurar e anular configuração de eventos de diagnóstico do sistema](#) no Guia do usuário do Amazon RDS.

- Suporte para o procedimento `rdsadmin_util.truncate_apply$_cdr_info` descrito em [REPLICAT integrado lento devido a consulta no sys. “_DBA_APPLY_CDR_INFO”](#) no Guia do usuário do Amazon RDS.

Patches combinados para a versão 12.1.0.2.v22, lançados em outubro de 2020

Erros corrigidos:

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Versão 12.1.0.2.v21

A versão 12.1.0.2.v21 inclui o seguinte:

- Patch [31113348](#): atualização do conjunto de patches do banco de dados 12.1.0.2.200714
- Patch [31219939](#): PSU de banco de dados 12.1.0.2.200714, Componente Oracle JavaVM (JUL2020)
- Patch [31335037](#): DSTV35 para RDBMS (TZDATA2020A)
- Patch [31335142](#): DSTV35 para OJVM (TZDATA2020A)
- Patch [17969866](#): Oracle GoldenGate – 46719: ENH: SUPORTE DE REPLICAÇÃO PARA INSERÇÕES/ATUALIZAÇÕES COMPLETAS COM VALORES GRANDES
- Patch [20394750](#): Oracle GoldenGate – APLICAR FALHA DE RESOLUÇÃO CDR PARA LOBS, XML, LONG e OBJETOS
- Patch [24835919](#): Oracle GoldenGate – IR EXECUTANDO TRANSAÇÕES DEPENDENTES FORA DE ORDEM COM PARALELISMO MAIOR QUE
- Patch [20033733](#): PART :IMC:HIT ORA 600 [KGL-HEAP-SIZE-EXCEEDED]
- Patch [28730253](#): SUPORTE A NOVA ERA REIWA PARA O CALENDÁRIO IMPERIAL JAPONÊS
- Patch [23711335](#): CDB_UPG:PDCDB: O UPGRADE DO CDB COMO UM TODO LEVA 1 HORA A MAIS DO QUE OS RÓTULOS ANTERIORES EM MAIO

- Patch [31579750](#): patch do pacote JSON
- Patch [21091901](#): MOVER HASH OU PARTIÇÃO DE REFERÊNCIA ONLINE PODE DEIXAR OS ÍNDICES LOCAIS INCONSISTENTES
- Patch [21171382](#): DBMS_STATS Patch ELIMINAÇÃO AUTOMÁTICA CALCULA UMA ALTA ELIMINAÇÃO DESNECESSÁRIA
- Patch [23262847](#): Oracle GoldenGate – REDO MALFORMADO CAUSOU ABEND NA REPLICAÇÃO DO OGG
- Jar PreUpgrade: preupgrade_12.1.0.2.0_18_crlf.zip

Patches combinados para a versão 12.1.0.2.v21, lançados em julho de 2020

Erros corrigidos:

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Versão 12.1.0.2.v20

A versão 12.1.0.2.v20 inclui o seguinte:

- Patch [30700212](#): PSU de banco de dados 12.1.0.2.200414
- Patch [30805558](#): PSU de banco de dados do componente do Oracle JVM 12.1.0.2.200414
- Patch [29997937](#): DSTv34 para RDBMS (TZDATA2019G)
- Patch [29997959](#): DSTv34 para OJVM (TZDATA2019G)
- Patch [17969866](#): Oracle GoldenGate – 46719: ENH: SUPORTE DE REPLICAÇÃO PARA INSERÇÕES/ATUALIZAÇÕES COMPLETAS COM VALORES GRANDES
- Patch [20394750](#): Oracle GoldenGate – APLICAR FALHA DE RESOLUÇÃO CDR PARA LOBS, XML, LONG e OBJETOS
- Patch [24835919](#): Oracle GoldenGate – IR EXECUTANDO TRANSAÇÕES DEPENDENTES FORA DE ORDEM COM PARALELISMO MAIOR QUE
- Patch [23262847](#): Oracle GoldenGate – REDO MALFORMADO CAUSOU ABEND NA REPLICAÇÃO DO OGG
- Patch [21171382](#): DBMS_STATS Patch
- Patch [21091901](#): MOVER HASH OU PARTIÇÃO DE REFERÊNCIA ONLINE PODE DEIXAR OS ÍNDICES LOCAIS INCONSISTENTES
- Patch [31164857](#): patch do pacote JSON
- Patch [20033733](#): PART :IMC:HIT ORA 600 [KGL-HEAP-SIZE-EXCEEDED]
- Patch [28730253](#): SUPORTE A NOVA ERA REIWA PARA O CALENDÁRIO IMPERIAL JAPONÊS
- Jar PreUpgrade: preupgrade_12.1.0.2.0_18_crlf.zipn

- Suporte para limpeza da lixeira

Para ter mais informações, consulte [Limpeza da lixeira](#) no Guia do usuário do Amazon RDS.

- Suporte para gerar relatórios de desempenho com o Automatic Workload Repository (AWR) usando o pacote `rdsadmin.rdsadmin_diagnostic_util`

Para ter mais informações, consulte [Gerar relatórios de performance com o AWR \(Automatic Workload Repository\)](#) no Guia do usuário do Amazon RDS.

Patches combinados para a versão 12.1.0.2, lançados em abril de 2020

Erros corrigidos:

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Versão 12.1.0.2.v19

A versão 12.1.0.2.v19 inclui o seguinte:

- Patch [30340202](#): atualização do conjunto de patches do banco de dados 12.1.0.2.200114
- Patch [30502041](#): ATUALIZAÇÃO DO CONJUNTO DE PATCHES DO OJVM 12.1.0.2.200114
- Patch [29997937](#): DSTv34 para RDBMS (TZDATA2019G)
- Patch [29997959](#): DSTv34 para OJVM (TZDATA2019G)
- Patch [17969866](#): Oracle GoldenGate – 46719: ENH: SUPORTE DE REPLICAÇÃO PARA INSERÇÕES/ATUALIZAÇÕES COMPLETAS COM VALORES GRANDES
- Patch [20394750](#): Oracle GoldenGate – APLICAR FALHA DE RESOLUÇÃO CDR PARA LOBS, XML, LONG e OBJETOS
- Patch [24835919](#): Oracle GoldenGate – IR EXECUTANDO TRANSAÇÕES DEPENDENTES FORA DE ORDEM COM PARALELISMO MAIOR QUE
- Patch [23262847](#): Oracle GoldenGate – REDO MALFORMADO CAUSOU ABEND NA REPLICAÇÃO DO OGG
- Patch [21171382](#): DBMS_STATS Patch
- Patch [21091901](#): MOVER HASH OU PARTIÇÃO DE REFERÊNCIA ONLINE PODE DEIXAR OS ÍNDICES LOCAIS INCONSISTENTES
- Patch [30708149](#): patch do pacote JSON
- Patch [20033733](#): PART :IMC:HIT ORA 600 [KGL-HEAP-SIZE-EXCEEDED]
- Patch [28730253](#): SUPORTE A NOVA ERA REIWA PARA O CALENDÁRIO IMPERIAL JAPONÊS
- Jar PreUpgrade: preupgrade_12.1.0.2.0_18_crlf.zip

Oracle patch 29918340, lançado em janeiro de 2020

Erros corrigidos:

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Versão 12.1.0.2.v18

A versão 12.1.0.2.v18 inclui o seguinte:

- Patch [29918340](#): ATUALIZAÇÃO DO CONJUNTO DE PATCHES DE BANCO DE DADOS 12.1.0.2.191015

- Patch [30128197](#): ATUALIZAÇÃO DO CONJUNTO DE PATCHES DO OJVM 12.1.0.2.191015
- Patch [29997937](#): DSTv34 para RDBMS (TZDATA2019G)
- Patch [29997959](#): DSTv34 para OJVM (TZDATA2019G)
- Patch [17969866](#): Oracle GoldenGate – Patches de servidor RDBMS recomendados pela Oracle
- Patch [20394750](#): Oracle GoldenGate – Patches de servidor RDBMS recomendados pela Oracle
- Patch [24835919](#): Oracle GoldenGate – Patches de servidor RDBMS recomendados pela Oracle
- Patch [21171382](#): DBMS_STATS Patch
- Patch [21091901](#): MOVER HASH OU PARTIÇÃO DE REFERÊNCIA ONLINE PODE DEIXAR OS ÍNDICES LOCAIS INCONSISTENTES
- Patch [30370890](#): patch do pacote JSON
- Patch [20033733](#): PART :IMC:HIT ORA 600 [KGL-HEAP-SIZE-EXCEEDED]
- Patch [28730253](#): SUPORTE A NOVA ERA REIWA PARA O CALENDÁRIO IMPERIAL JAPONÊS
- Jar PreUpgrade: preupgrade_12.1.0.2.0_18_crlf.zip
- Suporte para redimensionar o espaço de tabela temporário em uma réplica de leitura

Para ter mais informações, consulte [Redimensionar o espaço de tabela temporário em uma réplica de leitura](#) no Guia do usuário do Amazon RDS.

Oracle patch 29918340, lançado em outubro de 2019

Erros corrigidos:

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Versão 12.1.0.2.v17

A versão 12.1.0.2.v17 inclui o seguinte:

- Patch [29494060](#): ATUALIZAÇÃO DO CONJUNTO DE PATCHES DE BANCO DE DADOS 12.1.0.2.190716
- Patch [29774383](#): ATUALIZAÇÃO DO CONJUNTO DE PATCHES DO OJVM 12.1.0.2.190716
- Patch [28852325](#): DSTv33 para RDBMS (TZDATA2018G)
- Patch [28852334](#): DSTv33 para OJVM (TZDATA2018G)
- Patch [17969866](#): Oracle GoldenGate – Patches de servidor RDBMS recomendados pela Oracle
- Patch [20394750](#): Oracle GoldenGate – Patches de servidor RDBMS recomendados pela Oracle
- Patch [24835919](#): Oracle GoldenGate – Patches de servidor RDBMS recomendados pela Oracle
- Patch [21171382](#): DBMS_STATS Patch
- Patch [21091901](#): MOVER HASH OU PARTIÇÃO DE REFERÊNCIA ONLINE PODE DEIXAR OS ÍNDICES LOCAIS INCONSISTENTES
- Patch [29958796](#): patch do pacote JSON
- Patch [20033733](#): PART :IMC:HIT ORA 600 [KGL-HEAP-SIZE-EXCEEDED]
- Patch [28730253](#): SUPORTE A NOVA ERA REIWA PARA O CALENDÁRIO IMPERIAL JAPONÊS

Oracle patch 29494060, lançado em julho de 2019

Erros corrigidos:

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Versão 12.1.0.2.v16

A versão 12.1.0.2.v16 inclui o seguinte:

- Patch [29141015](#): atualização do conjunto de patches do banco de dados: 12.1.0.2.190416
- Patch [29251241](#): ATUALIZAÇÃO DO CONJUNTO DE PATCHES DO OJVM 12.1.0.2.190416
- Patch [28852325](#): DSTv33 para RDBMS (TZDATA2018G)
- Patch [28852334](#): DSTv33 para OJVM (TZDATA2018G)
- Patch [17969866](#): Oracle GoldenGate – Patches de servidor RDBMS recomendados pela Oracle
- Patch [20394750](#): Oracle GoldenGate – Patches de servidor RDBMS recomendados pela Oracle
- Patch [24835919](#): Oracle GoldenGate – Patches de servidor RDBMS recomendados pela Oracle
- Patch [21171382](#): DBMS_STATS Patch

- Patch [21091901](#): MOVER HASH OU PARTIÇÃO DE REFERÊNCIA ONLINE PODE DEIXAR OS ÍNDICES LOCAIS INCONSISTENTES
- Patch [29600862](#): patch do pacote JSON
- Patch [20033733](#): PART :IMC:HIT ORA 600 [KGL-HEAP-SIZE-EXCEEDED]
- Patch [28730253](#): SUPORTE A NOVA ERA REIWA PARA O CALENDÁRIO IMPERIAL JAPONÊS

Patch 22785785 do Oracle, lançado em abril de 2019

Erros corrigidos:

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Versão 12.1.0.2.v15

A versão 12.1.0.2.v15 inclui o seguinte:

- Patch [28729169](#): atualização do conjunto de patches do Oracle Database 12.1.0.2.190115
- Patch [28790654](#): atualização do conjunto de patches do Oracle JVM 12.1.0.2.190115
- Patch [28125601](#): DSTv32 para RDBMS (TZDATA2018E)
- Patch [28127287](#): DSTv32 para OJVM (TZDATA2018E)
- Patch [17969866](#): Oracle GoldenGate – Patches de servidor RDBMS recomendados pela Oracle
- Patch [20394750](#): Oracle GoldenGate – Patches de servidor RDBMS recomendados pela Oracle
- Patch [21171382](#): DBMS_STATS Patch
- Patch [29125200](#): patch do pacote JSON
- Patch [20033733](#): patch de tamanho do heap KGL

Patch 28729169 do Oracle, lançado em janeiro de 2019

Erros corrigidos:

19309466, 19902195, 18250893, 25437699, 19383839, 16756406, 18456643
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Versão 12.1.0.2.v14

A versão 12.1.0.2.v14 inclui o seguinte:

- Patch [28259833](#): atualização do conjunto de patches do Oracle Database 12.1.0.2.181016
- Patch [28440711](#): atualização do conjunto de patches do Oracle JVM 12.1.0.2.181016
- Patch [28125601](#): DSTv32 para RDBMS (TZDATA2018E)
- Patch [28127287](#): DSTv32 para OJVM (TZDATA2018E)
- Patch [17969866](#): Oracle GoldenGate – Patches de servidor RDBMS recomendados pela Oracle
- Patch [20394750](#): Oracle GoldenGate – Patches de servidor RDBMS recomendados pela Oracle
- Patch [21171382](#): DBMS_STATS Patch
- Patch [28697469](#): Patch de banco de dados JSON
- Patch [20033733](#): patch de tamanho do heap KGL

Oracle patch 28259833, lançado em outubro de 2018

Erros corrigidos:

19309466, 19902195, 18250893, 25437699, 19383839, 16756406, 18456643
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Versão 12.1.0.2.v13

A versão 12.1.0.2.v13 inclui o seguinte:

- Patch [27547329](#): atualização do conjunto de patches do Oracle Database 12.1.0.2.180717
- Patch [27923320](#): atualização do conjunto de patches do Oracle JVM 12.1.0.2.180717
- Patch [28125601](#): DSTv32 para RDBMS (TZDATA2018E)
- Patch [28127287](#): DSTv32 para OJVM (TZDATA2018E)
- Patch [17969866](#): Oracle GoldenGate – Patches de servidor RDBMS recomendados pela Oracle
- Patch [20394750](#): Oracle GoldenGate – Patches de servidor RDBMS recomendados pela Oracle
- Patch [21171382](#): DBMS_STATS Patch
- Patch [28307069](#): Patch de banco de dados JSON
- Patch [20033733](#): patch de tamanho do heap KGL

Oracle patch 27547329, lançado em julho de 2018

Erros corrigidos:

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Versão 12.1.0.2.v12

A versão 12.1.0.2.v12 inclui o seguinte:

- Patch [27338041](#): ATUALIZAÇÃO DO CONJUNTO DE PATCHES DE BANCO DE DADOS 12.1.0.2.180417
- Patch [27475603](#): ATUALIZAÇÃO DO CONJUNTO DE PATCHES DO OJVM 12.1.0.2.180417

- Patch [27015449](#): RDBMS - ATUALIZAÇÃO PROATIVA DSTV31 - TZDATA2017C
- Patch [27015468](#): ATUALIZAÇÃO PROATIVA DSTV31 - TZDATA2017C - PRECISA DE CORREÇÃO DO OJVM
- Patch [17969866](#): Oracle GoldenGate – Patches de servidor RDBMS recomendados pela Oracle
- Patch [20394750](#): Oracle GoldenGate – Patches de servidor RDBMS recomendados pela Oracle
- Patch [21171382](#): ELIMINAÇÃO AUTOMÁTICA CALCULA UMA ALTA ELIMINAÇÃO DESNECESSÁRIA
- Patch [27666699](#): Patch de banco de dados JSON
- Patch [20033733](#): PART :IMC:HIT ORA 600 [KGL-HEAP-SIZE-EXCEEDED]

Oracle patch 27338041, lançado em abril de 2018

Erros corrigidos:

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19818513, 19547370, 22624709, 20139391, 23084507, 24693382, 20228093
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19534363, 25489607, 19188927

Versão 12.1.0.2.v11

A versão 12.1.0.2.v11 inclui o seguinte:

- Patch [26925311](#): ATUALIZAÇÃO DO CONJUNTO DE PATCHES DE BANCO DE DADOS 12.1.0.2.180116
- Patch [27001733](#): ATUALIZAÇÃO DO CONJUNTO DE PATCHES DO OJVM 12.1.0.2.180116
- Patch [27015449](#): RDBMS - ATUALIZAÇÃO PROATIVA DSTV31 - TZDATA2017C
- Patch [27015468](#): ATUALIZAÇÃO PROATIVA DSTV31 - TZDATA2017C - PRECISA DE CORREÇÃO DO OJVM
- Patch [17969866](#): Oracle GoldenGate – Patches de servidor RDBMS recomendados pela Oracle
- Patch [20394750](#): Oracle GoldenGate – Patches de servidor RDBMS recomendados pela Oracle
- Patch [21171382](#): ELIMINAÇÃO AUTOMÁTICA CALCULA UMA ALTA ELIMINAÇÃO DESNECESSÁRIA
- Patch [27315904](#): Patch de banco de dados JSON
- Patch [20033733](#): ORA 600 [KGL-HEAP-SIZE-EXCEEDED]

Oracle patch 26925311, lançado em janeiro de 2018

Erros corrigidos:

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21099555, 22175564, 19141838, 22083366, 20842388, 19865345, 20117253
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19687159, 21373076, 19174942, 20424899, 24461826, 21641760, 21899588
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20474192, 22046677, 21299490, 19501299, 19385656, 20432873, 18542562
20920911, 20899461, 21315084, 21429602, 21387128, 18122373, 20581111
22624709, 26111842, 19606174, 24690216, 18436647, 19023822, 25110233
19124589, 19178851, 19597583, 20480209, 18499088, 19050649

Versão 12.1.0.2.v10

A versão 12.1.0.2.v10 inclui o seguinte:

- PSU de outubro de 2017 da Oracle, uma combinação de PSU de banco de dados (patch 26713565) + PSU de componente OJVM (patch 26635845)
- Patches de RDBMS recomendados pela Oracle para o Oracle GoldenGate (patch 17969866)
- DBMS_STATS AUTO DOP COMPUTES A HIGH DOP UNNECESSARILY (patch 21171382)
- Patch de pacote JSON (patch 26750145)
- Patch de tamanho do heap KGL (patch 20033733)
- Arquivo de fuso horário DSTv30 (patch 25881255, patch 25881271 OJVM)

Oracle patch 26713565, lançado em outubro de 2017

Erros corrigidos:

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18499088, 19050649
```

Versão 12.1.0.2.v9

A versão 12.1.0.2.v9 inclui o seguinte:

- PSU de julho de 2017 da Oracle, uma combinação de PSU de banco de dados (patch 26609783) + PSU de componente OJVM (patch 26027162)
- Patches de RDBMS recomendados pela Oracle para o Oracle GoldenGate (patch 17969866)
- DBMS_STATS AUTO DOP COMPUTES A HIGH DOP UNNECESSARILY (patch 21171382)
- Patch de pacote JSON (patch 26083365)
- Patch de tamanho do heap KGL (patch 20033733 para 12.1.0.2)

- Arquivo de fuso horário DSTv30 (patch 25881255, patch 25881271 OJVM)
- Suporte para validar arquivos de instância de banco de dados com o utilitário de validação lógica RMAN

Para ter mais informações, consulte [Validar arquivos de instância de banco de dados](#) no Guia do usuário do Amazon RDS.

- Suporte para definir a edição padrão para uma instância de banco de dados

Para obter mais informações, consulte [Definir a edição padrão para uma instância de banco de dados](#) no Guia do usuário do Amazon RDS.

Oracle patch 26609783, lançado em julho de 2017

Erros corrigidos:

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21099555, 22175564, 19141838, 22083366, 20842388, 19865345, 20117253
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21106027, 20904530, 20134339, 19074147, 20868862, 18411216, 21072646
25475853, 21322887, 22507234, 20425790, 20862087, 18966843, 21329301
20562898, 19333670, 19468991, 20124446, 19883092, 20878790, 18510194
19658708, 19591608, 19402853, 20618595, 21787056, 22380919, 21266085
19469538, 17835294, 19721304, 19068610, 19791377, 22178855, 16777441
22173980, 20746251, 20048359, 21896069, 19185876, 20898391, 20281121
20907061, 6599380, 19577410, 22092979, 19001359, 20603378, 23089357
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19879746, 20557786, 19684504, 21294938, 19024808, 24693382, 20528052
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24350831, 17722075, 20446883, 25056052, 18952989, 24523374, 16870214
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19065677, 19547370, 21225209, 21960504, 26575788, 20397490, 20172151
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21889720, 22465352, 22168163, 19335438, 24397438, 20076781, 20447445
18856999, 20471920, 19869255, 21620471, 18990693, 23096938, 19124336
17890099, 24812585, 18990023, 21300341, 20101006, 20848335, 21744290
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19201867, 22022760, 21514877, 18743542, 20798891, 20347562, 25161298
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20424899, 21899588, 18899974, 21476308, 20598042, 24308635, 21297872
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22374754, 16887946, 17319928, 20401975, 20708701, 24674955, 22062517
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17210525, 22024071, 19189525, 21847223, 21649497, 19075256, 25823754
25079710, 20315311, 22762046, 22075064, 20936731, 20437153, 18845653
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18799063, 20373598, 20476175, 19571367, 20925795, 19018206, 25264559
20711718, 20509482, 20181030, 20588502, 21911701, 18849537, 23501901
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20348653, 18607546, 19315691, 19676905, 20165574, 17867700, 20558005
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20361671, 25423453, 20009833, 22366558, 20294666, 23197103, 18191823
19195895, 19371175, 19307662, 19154375, 20043616, 21977392, 18914624
22529728, 20139391, 25330273, 19593445, 21291274, 19382851, 19520602
19174521, 21875360, 19676012, 19326908, 20217801, 20093776, 18840932
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24413809, 18306996, 19915271, 21626377, 19524158, 20122715, 20513399
20284155, 25091141, 21080143, 20017509, 22359063, 19363645, 19597439
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19354335, 19044962, 19639483, 25982666, 19475971, 22353199, 21060755
22243719, 22916353, 20378086, 24808595, 21756661, 21260431, 22923409
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21421886, 19604659, 21285458, 23533524, 23170620, 22365117, 18288842
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22695831, 20331945, 19587324, 24316947, 19578350, 19637186, 19054077
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20869721, 21172913, 19258504, 17365043, 21419850, 21644640, 19468347
21373473, 25093739, 16359751, 21164318, 25484507, 22520320, 19769480
19439759, 19272708, 19978542, 19329654, 20402832, 19873610, 23229229
13542050, 21517440, 19291380, 21915719, 25600342, 20879709, 20677396
19076343, 19561643, 19990037, 18909599, 19487147, 25600421, 20831538
19016730, 18250893, 16619249, 18354830, 24411921, 16756406, 18254023
21188584, 19989009, 25766822, 17414008, 20688221, 20441797, 20704450
21780146, 25612095, 25957038, 25483815, 19157754, 19207117, 24437510
18885870, 21785691, 20673810, 21450666, 18893947, 18705806, 22223463
18417036, 16923858, 23314180, 20919320, 20474192, 22046677, 21299490
19501299, 19385656, 20432873, 20920911, 20899461, 21387128, 21315084
18122373, 20581111, 22624709, 19606174, 24690216, 18436647, 19023822
25110233, 19124589, 19178851, 19597583, 18499088, 19050649
```

Versão 12.1.0.2.v8

A versão 12.1.0.2.v8 inclui o seguinte:

- Oracle patch 25433980, uma combinação de PSU de banco de dados (patch 25171037) + PSU de componente OJVM (patch 25437695)
- Patches de RDBMS recomendados pela Oracle para o Oracle GoldenGate (patch 17969866 para 12.1.0.2)
- Patch 18307021 do Oracle Forms para 12.1.0.2
- Patch DBMS_STATS (patch 21171382 para 12.1.0.2)
- Patch de pacote JSON (patch 25531469 para 12.1.0.2)
- Patch de tamanho do heap KGL (patch 20033733 para 12.1.0.2)
- Correção de um erro que afetava a aplicação da PSU após a atualização para o 12.1.0.2.v5, v6 e v7
- Arquivo de fuso horário DSTv28 (patch 24701840)
- Suporte para o pacote DBMS_CHANGE_NOTIFICATION
- Suporte para pacotes e visualizações XSTREAM (pode exigir licenciamento adicional)

Oracle patch 25171037, lançado em abril de 2017

Erros corrigidos:

21099555, 22175564, 19141838, 22083366, 20842388, 20117253, 19865345
19791273, 21542577, 20951038, 19243521, 22165897, 17008068, 19908836
21281532, 19238590, 24577566, 21184223, 19134173, 20569094, 20031873
20322560, 20387265, 21575362, 19149990, 21263635, 17551063, 18886413
22160989, 22507210, 19366375, 19703301, 19001390, 24285405, 18202441
20267166, 19358317, 19706965, 19068970, 18549238, 24739928, 18797519
22148226, 20825533, 21196809, 19649152, 19670108, 18940497, 18948177
22496904, 18964978, 19176326, 19035573, 20413820, 19176223, 21106027
20904530, 20134339, 19074147, 20868862, 18411216, 25475853, 21322887
21072646, 22507234, 20425790, 20862087, 18966843, 21329301, 20562898
19333670, 20124446, 19468991, 19883092, 20878790, 18510194, 19658708
19591608, 19402853, 20618595, 21787056, 22380919, 19469538, 21266085
17835294, 19721304, 19068610, 19791377, 22178855, 16777441, 22173980
20048359, 20746251, 21896069, 19185876, 20898391, 20907061, 20281121
6599380, 19577410, 22092979, 19001359, 20603378, 23089357, 21387964
19490948, 22294260, 17532734, 20832516, 22351572, 19309466, 20627866
19081128, 20844426, 21188532, 18791688, 20890311, 21442094, 20596234
20368850, 18973548, 19303936, 21296029, 20882568, 19461270, 21479753
22077517, 20936905, 20235511, 21220620, 18964939, 19430401, 22296366
21153266, 19409212, 20703000, 22657942, 19879746, 20657441, 21294938
19684504, 19024808, 20528052, 24693382, 20977794, 18799993, 20466322
18740837, 19662635, 18440095, 20228093, 19065556, 20212067, 21868720
22905130, 19524384, 24350831, 17722075, 20446883, 25056052, 18952989
24523374, 16870214, 19928926, 19835133, 21629064, 21354456, 20466628
24386767, 25490238, 19931709, 19730508, 18819908, 20250147, 23124895
23220453, 19188927, 20074391, 18307021, 20356733, 14643995, 19065677
19547370, 21960504, 21225209, 20397490, 18967382, 19174430, 21241829
19536415, 19171086, 21889720, 22465352, 22168163, 19335438, 24397438
20447445, 18856999, 19869255, 20471920, 21620471, 23096938, 18990693
19124336, 17890099, 24812585, 18990023, 21300341, 20101006, 20848335
21744290, 20897759, 21668627, 19304354, 20543011, 19052488, 20794034
23025340, 23260854, 18681056, 20952966, 19896336, 25539063, 18618122
20328248, 20440930, 18456643, 19699191, 19201867, 22865673, 22022760
20798891, 18743542, 25161298, 20347562, 22551446, 19777862, 19687159
21373076, 19174942, 20424899, 21899588, 18899974, 21476308, 20598042
21297872, 24308635, 20171986, 19058490, 19032777, 22815955, 19399918
19434529, 21273804, 19018447, 22757364, 18851894, 19022470, 19284031
18043064, 20173897, 22062026, 20475845, 17274537, 19440586, 18974476

24825843, 22374754, 16887946, 17319928, 20401975, 20708701, 22062517
22809871, 17655240, 16439813, 19805359, 19155797, 20859910, 19393542
22024071, 17210525, 19189525, 21847223, 21649497, 25079710, 19075256
20315311, 22762046, 22075064, 20936731, 18845653, 19280225, 19248799
20560611, 18988834, 21756699, 18921743, 20245930, 18799063, 20373598
19571367, 20476175, 20925795, 19018206, 25264559, 20711718, 20509482
20181030, 20588502, 21911701, 18849537, 23501901, 19183343, 21917884
21142837, 19189317, 19644859, 19390567, 19279273, 20669434, 16863642
22528741, 25546608, 19619732, 18607546, 20348653, 19315691, 19676905
20165574, 17867700, 20558005, 20734332, 19532017, 20922010, 19818513
19450314, 22353346, 16941434, 20361671, 20009833, 22366558, 20294666
18191823, 23197103, 19195895, 19371175, 19307662, 19154375, 20043616
21977392, 18914624, 22529728, 25330273, 20139391, 19593445, 21291274
19382851, 19520602, 19174521, 21875360, 19676012, 19326908, 20217801
20093776, 18840932, 21097043, 21246723, 20803014, 21665897, 19143550
20428621, 19627012, 14283239, 21422580, 19213447, 19518079, 18610915
18674024, 24413809, 18306996, 19915271, 19524158, 20122715, 20284155
20017509, 22359063, 19363645, 19597439, 21239530, 19383839, 20880215
21756677, 19888853, 22458049, 19534363, 19354335, 19044962, 19639483
19475971, 22353199, 22243719, 21060755, 22916353, 20378086, 24808595
21756661, 21260431, 22923409, 19028800, 20877664, 21059919, 20879889
21380789, 19723336, 19077215, 19604659, 21421886, 21285458, 23533524
23170620, 22365117, 18288842, 19048007, 19308965, 19689979, 19503821
21526048, 19197175, 19180770, 19902195, 23324000, 20318889, 19013183
20591183, 19012119, 20464614, 19067244, 21632821, 19841800, 19512341
22695831, 20331945, 19587324, 24316947, 19578350, 19637186, 19054077
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21172913, 19258504, 17365043, 21419850, 19468347, 21373473, 25093739
16359751, 21164318, 22520320, 19769480, 19439759, 19272708, 19978542
19329654, 20402832, 19873610, 23229229, 13542050, 21517440, 19291380
21915719, 20879709, 20677396, 19076343, 19561643, 19990037, 19487147
18909599, 20831538, 19016730, 18250893, 16619249, 18354830, 24411921
16756406, 18254023, 21188584, 19989009, 17414008, 20688221, 20704450
20441797, 25483815, 19157754, 24437510, 18885870, 21785691, 20673810
21450666, 18893947, 18705806, 22223463, 16923858, 18417036, 23314180
20919320, 20474192, 22046677, 21299490, 19501299, 19385656, 20920911
20899461, 21387128, 21315084, 18122373, 20581111, 19606174, 24690216
18436647, 19023822, 19124589, 19178851, 19597583, 18499088, 19050649

Versão 12.1.0.2.v7

A versão 12.1.0.2.v7 inclui o seguinte:

- Oracle patch 24917069, uma combinação de PSU de banco de dados (patch 24732082) + PSU de componente OJVM (patch 24917972)
- Patches de RDBMS recomendados pela Oracle para o Oracle GoldenGate (patch 17969866 para 12.1.0.2)
- Patch 18307021 do Oracle Forms para 12.1.0.2
- Patch DBMS_STATS (patch 21171382 para 12.1.0.2)
- Patch de pacote JSON (patch 25089615 para 12.1.0.2)
- Patch de tamanho do heap KGL (patch 20033733 para 12.1.0.2)

Oracle patch 24917069, lançado em janeiro de 2017

Erros corrigidos:

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24917972, 25067795, 24534298, 25076732, 25076756, 24315824, 21659726
24448240, 24448282, 23177536, 22675136, 23265914, 23265965, 23727148
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21555660, 21811517, 19623450, 21566993, 21566944, 19176885, 21068507
21047803, 21047766, 20415564, 20408829, 20408866, 19877336, 19855285
19909862, 19895362, 19895326, 19153980, 19231857, 19223010, 19245191,
19699946,
21099555, 22175564, 19141838, 22083366, 20842388, 20117253, 19865345
19791273, 21542577, 20951038, 19243521, 22165897, 19908836, 21281532
19238590, 24577566, 21184223, 19134173, 20031873, 20387265, 21575362
19149990, 21263635, 17551063, 18886413, 22160989, 22507210, 19366375
19703301, 19001390, 24285405, 18202441, 20267166, 19358317, 19706965
24739928, 19068970, 18549238, 18797519, 22148226, 20825533, 21196809
19649152, 19670108, 18940497, 18948177, 22496904, 18964978, 19035573
19176326, 20413820, 19176223, 21106027, 20904530, 20134339, 19074147
20868862, 18411216, 21072646, 21322887, 22507234, 20425790, 18966843
21329301, 20562898, 19333670, 20124446, 19468991, 19883092, 18510194
19658708, 19591608, 19402853, 20618595, 21787056, 22380919, 19469538
21266085, 17835294, 19721304, 19791377, 19068610, 22178855, 16777441
22173980, 20048359, 20746251, 21896069, 20898391, 19185876, 20907061
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19490948, 21387964, 22294260, 20832516, 17532734, 19309466, 20627866
19081128, 20844426, 21188532, 18791688, 20890311, 21442094, 20596234
18973548, 21296029, 19303936, 20882568, 19461270, 21479753, 22077517
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21960504, 21225209, 20397490, 18967382, 19174430, 21241829, 19536415
19171086, 22465352, 22168163, 19335438, 24397438, 20447445, 18856999
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19687159, 21373076, 19174942, 20424899, 21899588, 18899974, 21476308
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21273804, 19018447, 22757364, 18851894, 19022470, 19284031, 18043064
20173897, 22062026, 20475845, 17274537, 19440586, 24825843, 18974476
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21847223, 19189525, 21649497, 19075256, 20315311, 22762046, 22075064
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23501901, 19183343, 21917884, 19189317, 19644859, 19390567, 19279273
20669434, 22528741, 16863642, 19619732, 18607546, 20348653, 19315691
19676905, 20165574, 17867700, 20558005, 20734332, 19532017, 20922010
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23197103, 18191823, 19195895, 19307662, 19371175, 20043616, 19154375
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19518079, 18610915, 18674024, 24413809, 18306996, 19524158, 19915271
20122715, 20284155, 20017509, 22359063, 19363645, 19597439, 21239530
19888853, 21756677, 20880215, 22458049, 19534363, 19354335, 19044962
19639483, 19475971, 22353199, 21060755, 22243719, 22916353, 20378086
24808595, 21260431, 21756661, 22923409, 20877664, 19028800, 21059919
20879889, 21380789, 19723336, 19077215, 19604659, 21421886, 21285458
23533524, 23170620, 22365117, 18288842, 19308965, 19048007, 19689979
21526048, 19197175, 19180770, 19902195, 23324000, 20318889, 19013183
20591183, 19012119, 20464614, 19067244, 21632821, 19512341, 19841800
22695831, 20331945, 19587324, 24316947, 19578350, 19637186, 18674047
19054077, 20898997, 19708632, 21091431, 19289642, 21133343, 20869721
21172913, 19258504, 17365043, 19468347, 21373473, 16359751, 19769480
19439759, 19272708, 19978542, 20402832, 19329654, 19873610, 23229229
21517440, 13542050, 19291380, 21915719, 20879709, 20677396, 19076343

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19561643, 19990037, 19487147, 18909599, 20831538, 18250893, 19016730
16619249, 18354830, 18254023, 21188584, 19989009, 17414008, 20688221
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21450666, 18705806, 22223463, 16923858, 18417036, 23314180, 20919320
20474192, 22046677, 19385656, 19501299, 20920911, 20899461, 21315084
21387128, 18122373, 20581111, 19606174, 24690216, 18436647, 19023822
19178851, 19124589, 19597583, 18499088, 19050649
```

Versão 12.1.0.2.v6

A versão 12.1.0.2.v6 inclui o seguinte:

- Oracle patch 24433133, uma combinação de PSU de banco de dados (patch 24006101) + PSU de componente OJVM (patch 24315824)
- Patches de RDBMS recomendados pela Oracle para o Oracle GoldenGate (patch 17969866 para 12.1.0.2)
- Patch 18307021 do Oracle Forms para 12.1.0.2
- Patch DBMS_STATS (patch 21171382 para 12.1.0.2)
- Patch de pacote JSON (patch 24568656 para 12.1.0.2)
- Correção de um bug que fazia com que scripts de atualização do 12c removessem diretórios de clientes
- Diretório de logs DIAG disponibilizado aos clientes

Linha de base: Oracle Database Patch Set Update 12.1.0.2.161018 (patch 24006101, lançado em outubro de 2016)

Erros corrigidos:

```
21099555, 22175564, 19141838, 22083366, 20842388, 20117253, 19865345
19791273, 19243521, 20951038, 19908836, 21281532, 19238590, 24577566
21184223, 19134173, 20387265, 19149990, 21263635, 18886413, 17551063
22160989, 22507210, 19703301, 19366375, 19001390, 18202441, 20267166
19358317, 19706965, 18549238, 19068970, 18797519, 22148226, 20825533
19649152, 19670108, 18940497, 18948177, 18964978, 19035573, 19176326
20413820, 19176223, 20904530, 20134339, 19074147, 20868862, 18411216
21322887, 22507234, 20425790, 18966843, 21329301, 19333670, 19468991
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20124446, 19883092, 19658708, 19591608, 19402853, 20618595, 21787056
22380919, 21266085, 17835294, 19721304, 19791377, 19068610, 22178855
22173980, 20746251, 20048359, 20898391, 19185876, 20281121, 20907061
6599380, 19577410, 22092979, 20603378, 19001359, 19490948, 21387964
20832516, 17532734, 19309466, 19081128, 20627866, 20844426, 21188532
18791688, 21442094, 20890311, 20596234, 18973548, 21296029, 19303936
19461270, 21479753, 20936905, 20235511, 21220620, 18964939, 19430401
22296366, 21153266, 19409212, 22657942, 20657441, 19879746, 19684504
20528052, 19024808, 20977794, 18799993, 20466322, 18740837, 19662635
20228093, 19065556, 20212067, 19524384, 17722075, 20446883, 18952989
16870214, 19928926, 19835133, 21629064, 20466628, 24386767, 19931709
19730508, 18819908, 23124895, 19188927, 20074391, 20356733, 14643995
19547370, 19065677, 21960504, 21225209, 20397490, 18967382, 19174430
21241829, 19536415, 19171086, 22465352, 22168163, 19335438, 20447445
18856999, 20471920, 19869255, 21620471, 18990693, 17890099, 18990023
20101006, 21300341, 20848335, 21744290, 20897759, 21668627, 19304354
19052488, 20794034, 23260854, 18681056, 20952966, 19896336, 18618122
20328248, 20440930, 18456643, 19699191, 19201867, 22865673, 18743542
20798891, 20347562, 22551446, 19777862, 19687159, 21373076, 19174942
20424899, 21899588, 18899974, 20598042, 19032777, 19058490, 22815955
19399918, 19434529, 21273804, 19018447, 22757364, 18851894, 19284031
19022470, 18043064, 20173897, 22062026, 20475845, 17274537, 19440586
16887946, 22374754, 17319928, 20708701, 17655240, 16439813, 19805359
19155797, 20859910, 19393542, 22024071, 17210525, 21847223, 19189525
21649497, 19075256, 22762046, 22075064, 19280225, 18845653, 20560611
19248799, 21756699, 18988834, 20245930, 18921743, 18799063, 20373598
20476175, 19571367, 20925795, 19018206, 20509482, 20711718, 20588502
18849537, 19183343, 21917884, 19189317, 19644859, 19390567, 19279273
20669434, 16863642, 22528741, 19619732, 18607546, 20348653, 19315691
19676905, 20165574, 17867700, 20558005, 20734332, 19532017, 20922010
19450314, 22353346, 20361671, 20009833, 22366558, 20294666, 18191823
19307662, 19371175, 19195895, 20043616, 19154375, 18914624, 20139391
21291274, 19174521, 19520602, 19382851, 21875360, 19676012, 19326908
20217801, 20093776, 21097043, 21246723, 21665897, 19143550, 20428621
19627012, 14283239, 19518079, 18610915, 18674024, 18306996, 19524158
19915271, 20122715, 20284155, 20017509, 19363645, 19597439, 21239530
19888853, 20880215, 21756677, 19534363, 19354335, 19044962, 19639483
22353199, 22243719, 22916353, 20378086, 21756661, 21260431, 22923409
20877664, 19028800, 20879889, 19723336, 19077215, 21421886, 19604659
19308965, 19048007, 18288842, 19689979, 21526048, 19180770, 19197175
19902195, 20318889, 19013183, 19012119, 20464614, 19067244, 21632821
19512341, 19841800, 20331945, 19587324, 24316947, 19578350, 19637186
18674047, 19054077, 20898997, 19708632, 21091431, 19289642, 20869721
19258504, 17365043, 19468347, 21373473, 16359751, 19439759, 19769480

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19272708, 19978542, 20402832, 19329654, 19873610, 23229229, 21517440
13542050, 19291380, 21915719, 19076343, 19561643, 19990037, 19487147
18909599, 20831538, 18250893, 19016730, 16619249, 18354830, 21188584
19989009, 17414008, 20688221, 20704450, 20441797, 19157754, 18885870
21785691, 21450666, 18893947, 18705806, 22223463, 16923858, 18417036
20919320, 20474192, 22046677, 19385656, 19501299, 20920911, 20899461
21387128, 21315084, 18122373, 20581111, 19606174, 18436647, 19023822
19178851, 19124589, 19597583, 18499088, 19050649
```

Versão 12.1.0.2.v5

A versão 12.1.0.2.v5 inclui o seguinte:

- Oracle patch 23615289, uma combinação de PSU de banco de dados (patch 23054246) + PSU de componente OJVM (patch 23177536)
- Arquivo de fuso horário DSTv26 (patch 22873635 para 12.1.0.2)
- Patches de RDBMS recomendados pela Oracle para o Oracle GoldenGate (patch 17969866 para 12.1.0.2)
- Patch 18307021 do Oracle Forms para 12.1.0.2
- Capacidade de criar funções personalizadas de verificação de senha

Para ter mais informações, consulte [Criação de funções personalizadas para verificar senhas](#) no Guia do usuário do Amazon RDS.

- Correção de um bug que impedia a recompilação implícita de visualizações de propriedade de SYS

Linha de base: Oracle Database Patch Set Update 12.1.0.2.160719 (patch 23054246, lançado em julho 2016)

Erros corrigidos:

```
19189525, 21847223, 21099555, 21649497, 19075256, 19141838, 22762046
22075064, 20117253, 19865345, 19791273, 18845653, 19280225, 19248799
19243521, 20951038, 18988834, 21756699, 21281532, 19238590, 21184223
18921743, 20245930, 18799063, 19134173, 20373598, 19571367, 20476175
20925795, 19018206, 20509482, 20711718, 20387265, 20588502, 19149990
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21263635, 18849537, 18886413, 17551063, 22507210, 19183343, 19366375
19703301, 21917884, 19001390, 18202441, 19189317, 20267166, 19644859
19390567, 19358317, 19279273, 19706965, 18549238, 16863642, 19068970
22528741, 18797519, 20825533, 19619732, 18607546, 20348653, 19649152
19670108, 18940497, 18948177, 19315691, 19676905, 18964978, 19176326
20165574, 19035573, 20413820, 17867700, 20558005, 19176223, 19532017
20904530, 20134339, 19450314, 19074147, 22353346, 20868862, 18411216
22507234, 20361671, 20425790, 18966843, 20009833, 22366558, 21329301
20294666, 18191823, 19333670, 19195895, 19371175, 19307662, 19154375
20043616, 20124446, 18914624, 19468991, 19883092, 21291274, 19382851
19520602, 19174521, 21875360, 19676012, 19326908, 19658708, 19591608
19402853, 20093776, 20618595, 21787056, 22380919, 21246723, 17835294
19721304, 19068610, 19791377, 21665897, 22178855, 22173980, 20048359
20746251, 19143550, 20898391, 19185876, 19627012, 20281121, 19577410
22092979, 19001359, 14283239, 19518079, 18610915, 19490948, 17532734
18674024, 18306996, 19309466, 19081128, 19524158, 19915271, 20122715
21188532, 18791688, 20284155, 20890311, 21442094, 20596234, 18973548
21296029, 19303936, 19597439, 20936905, 20235511, 21220620, 20880215
18964939, 21756677, 19888853, 19534363, 19430401, 19354335, 19044962
19639483, 22296366, 22353199, 21153266, 19409212, 19879746, 20657441
19684504, 20528052, 19024808, 20977794, 20378086, 18799993, 21756661
21260431, 18740837, 22923409, 19028800, 20877664, 20228093, 20879889
19065556, 19723336, 19077215, 19604659, 21421886, 19524384, 17722075
19308965, 18288842, 19048007, 19689979, 20446883, 18952989, 16870214
19928926, 19835133, 21629064, 21526048, 19197175, 19180770, 20466628
19902195, 19931709, 20318889, 19013183, 19730508, 19012119, 19067244
20074391, 20356733, 14643995, 19512341, 19841800, 20331945, 19587324
19065677, 19547370, 19578350, 21225209, 19637186, 20397490, 18967382
19174430, 21241829, 19054077, 18674047, 20898997, 19708632, 19536415
21091431, 19289642, 20869721, 22168163, 19335438, 19258504, 20447445
17365043, 18856999, 19468347, 19869255, 20471920, 21373473, 21620471
16359751, 18990693, 17890099, 19769480, 19439759, 19272708, 18990023
19978542, 19329654, 20101006, 21300341, 20402832, 19873610, 20848335
23229229, 21744290, 21668627, 21517440, 13542050, 19304354, 19052488
20794034, 19291380, 21915719, 23260854, 18681056, 20952966, 19896336
19076343, 19561643, 18618122, 19990037, 20440930, 18456643, 19699191
19201867, 19487147, 18909599, 20831538, 19016730, 18250893, 20798891
18743542, 20347562, 16619249, 18354830, 22551446, 19777862, 19687159
21373076, 19174942, 20424899, 21188584, 19989009, 17414008, 20688221
21899588, 20441797, 19157754, 19058490, 19032777, 22815955, 19399918
18885870, 19434529, 21273804, 19018447, 21450666, 18893947, 18851894
16923858, 18417036, 20919320, 19022470, 19284031, 20474192, 20173897
22046677, 22062026, 19501299, 19385656, 20920911, 17274537, 20899461
21315084, 19440586, 16887946, 22374754, 17319928, 19606174, 20708701

18436647, 17655240, 19023822, 19124589, 19178851, 16439813, 19805359
19597583, 18499088, 19155797, 19050649, 19393542

Versão 12.1.0.2.v4

A versão 12.1.0.2.v4 inclui o seguinte:

- Oracle PSU 12.1.0.2.160419 (22291127)
- Arquivo do fuso horário DSTv25 (patch 22037014)
- Patches de RDBMS recomendados pela Oracle para o Oracle GoldenGate (patch 17969866)
- Adiciona a capacidade para o usuário mestre conceder as funções EM_EXPRESS_BASIC e EM_EXPRESS_ALL
- Adiciona a capacidade para o usuário mestre conceder privilégios em objetos SYS com a opção de concessão usando o procedimento RDSADMIN.RDSADMIN_UTIL.GRANT_SYS_OBJECT
- Adiciona privilégios de usuário mestre para dar suporte aos esquemas mais comuns criados pelo Oracle Fusion Middleware Repository Creation Utility (RCU)

Linha de base: Oracle Database Patch Set Update 12.1.0.2.160419 (patch 22291127, lançado em abril de 2016)

Erros corrigidos:

21847223, 19189525, 19075256, 19141838, 22762046, 20117253, 19865345
19791273, 19280225, 18845653, 19248799, 20951038, 19243521, 21756699
18988834, 21281532, 19238590, 18921743, 20245930, 18799063, 19134173
20373598, 19571367, 20476175, 20925795, 19018206, 20711718, 20387265
20509482, 20588502, 19149990, 18849537, 17551063, 18886413, 19183343
19703301, 21917884, 19001390, 18202441, 19189317, 19644859, 19358317
19390567, 19279273, 19706965, 22528741, 19068970, 20825533, 19619732
18607546, 20348653, 19649152, 19670108, 18940497, 18948177, 19315691
19676905, 18964978, 19035573, 20165574, 19176326, 20413820, 20558005
19176223, 19532017, 20904530, 20134339, 19450314, 22353346, 19074147
18411216, 20361671, 20425790, 18966843, 21329301, 20294666, 19333670
19195895, 19307662, 19371175, 20043616, 19154375, 20124446, 18914624
19468991, 19883092, 19382851, 19520602, 19174521, 21875360, 19676012

19326908, 19658708, 19591608, 20093776, 20618595, 21787056, 17835294
19721304, 19791377, 19068610, 22173980, 20746251, 20048359, 19143550
19185876, 19627012, 20281121, 19577410, 22092979, 19001359, 19518079
18610915, 19490948, 18674024, 18306996, 19309466, 19081128, 19915271
20122715, 21188532, 18791688, 20284155, 20890311, 21442094, 20596234
18973548, 19303936, 19597439, 20936905, 20235511, 19888853, 21756677
18964939, 19354335, 19430401, 19044962, 19639483, 21153266, 22353199
19409212, 20657441, 19879746, 19684504, 19024808, 21260431, 21756661
18799993, 20877664, 19028800, 20879889, 19065556, 19723336, 19077215
19604659, 21421886, 19524384, 18288842, 19048007, 19689979, 20446883
18952989, 16870214, 19928926, 19835133, 21526048, 20466628, 19197175
19180770, 19902195, 20318889, 19730508, 19012119, 19067244, 20074391
20356733, 14643995, 19512341, 19841800, 20331945, 19587324, 19547370
19065677, 21225209, 19637186, 20397490, 18967382, 19174430, 19054077
18674047, 19536415, 19708632, 21091431, 19289642, 22168163, 20869721
19335438, 19258504, 20447445, 17365043, 18856999, 19468347, 20471920
19869255, 21620471, 16359751, 18990693, 17890099, 19769480, 19439759
19272708, 18990023, 19978542, 20402832, 20101006, 21300341, 19329654
19873610, 21744290, 13542050, 21517440, 21668627, 19304354, 19052488
20794034, 19291380, 21915719, 18681056, 20952966, 19896336, 19076343
19561643, 19990037, 18618122, 20440930, 18456643, 19699191, 19487147
18909599, 20831538, 18250893, 19016730, 18743542, 20347562, 16619249
18354830, 19777862, 19687159, 19174942, 20424899, 19989009, 20688221
21899588, 20441797, 19157754, 19032777, 19058490, 19399918, 18885870
19434529, 21273804, 19018447, 18893947, 16923858, 18417036, 20919320
19022470, 19284031, 20474192, 22046677, 20173897, 22062026, 19385656
19501299, 17274537, 20899461, 21315084, 19440586, 22374754, 16887946
19606174, 18436647, 17655240, 19023822, 19178851, 19124589, 16439813
19805359, 19597583, 18499088, 19155797, 19050649, 19393542

Versão 12.1.0.2.v3

A versão 12.1.0.2.v3 inclui o seguinte:

- Oracle PSU 12.1.0.2.160119 (21948354).
- O arquivo de fuso horário DSTv25 (patch 22037014 for 12.1.0.2). 12.1.0.1 inclui DSTv24, patch 20875898 (inalterado de 12.1.0.1.v3), pois um backport do DSTv25 não estava disponível na ocasião da compilação.
- Correção de um problema que impedia que os clientes criassem mais de 10 objetos de Diretório no banco de dados.

- Correção de um problema que impedia que os clientes repetissem a concessão de privilégios de leitura nos objetos de Diretório BDUMP e ADUMP.

Linha de base: Oracle Database Patch Set Update 12.1.0.2.160119 (patch 21948354, lançado em janeiro de 2016)

Erros corrigidos:

19189525, 19075256, 19141838, 19865345, 19791273, 19280225, 18845653
20951038, 19243521, 19248799, 21756699, 18988834, 19238590, 21281532
20245930, 18921743, 18799063, 19134173, 19571367, 20476175, 20925795
19018206, 20509482, 20387265, 20588502, 19149990, 18849537, 18886413
17551063, 19183343, 19703301, 19001390, 18202441, 19189317, 19644859
19358317, 19390567, 19279273, 19706965, 19068970, 19619732, 20348653
18607546, 18940497, 19670108, 19649152, 18948177, 19315691, 19676905
18964978, 19035573, 20165574, 19176326, 20413820, 20558005, 19176223
19532017, 20134339, 19074147, 18411216, 20361671, 20425790, 18966843
20294666, 19307662, 19371175, 19195895, 19154375, 19468991, 19174521
19520602, 19382851, 21875360, 19326908, 19658708, 20093776, 20618595
21787056, 17835294, 19791377, 19068610, 20048359, 20746251, 19143550
19185876, 19627012, 20281121, 19577410, 22092979, 19001359, 19518079
18610915, 19490948, 18674024, 18306996, 19309466, 19081128, 19915271
20122715, 21188532, 20284155, 18791688, 20890311, 21442094, 18973548
19303936, 19597439, 20235511, 18964939, 19430401, 19044962, 19409212
19879746, 20657441, 19684504, 19024808, 18799993, 20877664, 19028800
19065556, 19723336, 19077215, 19604659, 21421886, 19524384, 19048007
18288842, 19689979, 20446883, 18952989, 16870214, 19928926, 21526048
19180770, 19197175, 19902195, 20318889, 19730508, 19012119, 19067244
20074391, 19512341, 19841800, 14643995, 20331945, 19587324, 19547370
19065677, 19637186, 21225209, 20397490, 18967382, 19174430, 18674047
19054077, 19536415, 19708632, 19289642, 20869721, 19335438, 17365043
18856999, 19869255, 20471920, 19468347, 21620471, 16359751, 18990693
17890099, 19439759, 19769480, 19272708, 19978542, 20101006, 21300341
20402832, 19329654, 19873610, 21668627, 21517440, 19304354, 19052488
20794034, 19291380, 18681056, 19896336, 19076343, 19561643, 18618122
20440930, 18456643, 19699191, 18909599, 19487147, 18250893, 19016730
18743542, 20347562, 16619249, 18354830, 19687159, 19174942, 20424899
19989009, 20688221, 20441797, 19157754, 19032777, 19058490, 19399918
18885870, 19434529, 19018447, 18417036, 20919320, 19022470, 19284031
20474192, 20173897, 22062026, 19385656, 19501299, 17274537, 20899461
19440586, 16887946, 19606174, 18436647, 17655240, 19023822, 19178851

19124589, 19805359, 19597583, 19155797, 19393542, 19050649

Versão 12.1.0.2.v2

A versão 12.1.0.2.v2 inclui o seguinte:

- Oracle PSU 12.1.0.2.5 (21359755)
- Inclui o Daylight Saving Time Patch, patch 20875898: DST-24, lançado depois do PSU de abril de 2015.

Linha de base: Oracle Database Patch Set Update 12.1.0.2.5 (patch 21359755, lançado em outubro de 2015)

Erros corrigidos:

19189525, 19075256, 19865345, 19791273, 19280225, 18845653, 19248799
19243521, 18988834, 19238590, 21281532, 18921743, 20245930, 19134173
19571367, 20476175, 20925795, 19018206, 20387265, 19149990, 18849537
19183343, 19703301, 19001390, 18202441, 19189317, 19644859, 19390567
19358317, 19279273, 19706965, 19068970, 19619732, 18607546, 20348653
18940497, 19670108, 19649152, 18948177, 19315691, 19676905, 18964978
20165574, 19035573, 19176326, 20413820, 20558005, 19176223, 19532017
20134339, 19074147, 18411216, 20361671, 20425790, 18966843, 20294666
19371175, 19307662, 19195895, 19154375, 19468991, 19174521, 19520602
19382851, 19658708, 20093776, 17835294, 19068610, 19791377, 20746251
20048359, 19143550, 19185876, 19627012, 20281121, 19577410, 19001359
19518079, 18610915, 18674024, 18306996, 19309466, 19081128, 19915271
20122715, 20284155, 18791688, 21442094, 19303936, 19597439, 20235511
18964939, 19430401, 19044962, 19409212, 20657441, 19684504, 19024808
19028800, 19065556, 19723336, 19077215, 21421886, 19524384, 19048007
18288842, 18952989, 16870214, 19928926, 19180770, 19197175, 19730508
19012119, 19067244, 20074391, 19841800, 19512341, 14643995, 20331945
19587324, 19065677, 19547370, 19637186, 21225209, 20397490, 18967382
19174430, 18674047, 19054077, 19708632, 19536415, 19289642, 19335438
17365043, 18856999, 20471920, 19468347, 21620471, 16359751, 18990693
19439759, 19769480, 19272708, 19978542, 19329654, 20402832, 19873610
19304354, 19052488, 19291380, 18681056, 19896336, 19076343, 19561643
18618122, 20440930, 18456643, 19699191, 18909599, 19487147, 18250893

19016730, 18743542, 20347562, 16619249, 18354830, 19687159, 19174942
20424899, 19989009, 20688221, 20441797, 19157754, 19058490, 19032777
19399918, 18885870, 19434529, 19018447, 18417036, 20919320, 19284031
19022470, 20474192, 22062026, 19385656, 19501299, 17274537, 20899461
19440586, 19606174, 18436647, 19023822, 19178851, 19124589, 19805359
19597583, 19155797, 19393542, 19050649

Versão 12.1.0.2.v1

A versão 12.1.0.2.v1 inclui o seguinte:

- Oracle PSU 12.1.0.2.3 (20299023)
- A opção In-Memory permite armazenar um subconjunto de dados em um formato de coluna na memória otimizado para performance.
- Instala bases de conhecimento adicionais do Oracle Text do Oracle Database. Exemplos de mídia (inglês e francês)
- Fornece acesso a DBMS_REPAIR por meio de RDSADMIN.RDSADMIN_DBMS_REPAIR
- Concede ALTER DATABASE LINK, ALTER PUBLIC DATABASE LINK, EXEMPT ACCESS POLICY, EXEMPT IDENTITY POLICY e EXEMPT REDACTION POLICY ao usuário principal

Note

A versão 12.1.0.2.v1 oferece suporte apenas para a Enterprise Edition.

Linha de base: Oracle Database Patch Set Update 12.1.0.2.3 (patch 20299023, lançado em abril de 2015)

Erros corrigidos:

19189525, 19065556, 19075256, 19723336, 19077215, 19865345, 18845653
19280225, 19524384, 19248799, 18988834, 19048007, 18288842, 19238590
18921743, 18952989, 16870214, 19928926, 19134173, 19180770, 19018206
19197175, 19149990, 18849537, 19730508, 19183343, 19012119, 19001390
18202441, 19067244, 19189317, 19644859, 19358317, 19390567, 20074391

19279273, 19706965, 19068970, 19841800, 19512341, 14643995, 19619732
20348653, 18607546, 18940497, 19670108, 19649152, 19065677, 19547370
18948177, 19315691, 19637186, 19676905, 18964978, 19035573, 19176326
18967382, 19174430, 19176223, 19532017, 18674047, 19074147, 19054077
19536415, 19708632, 19289642, 20425790, 19335438, 18856999, 19371175
19468347, 19195895, 19154375, 16359751, 18990693, 19439759, 19769480
19272708, 19978542, 19329654, 19873610, 19174521, 19520602, 19382851
19658708, 19304354, 19052488, 19291380, 18681056, 19896336, 17835294
19076343, 19791377, 19068610, 19561643, 18618122, 20440930, 18456643
18909599, 19487147, 19143550, 19185876, 19016730, 18250893, 20347562
19627012, 16619249, 18354830, 19577410, 19687159, 19001359, 19174942
19518079, 18610915, 18674024, 18306996, 19309466, 19081128, 19915271
19157754, 19058490, 20284155, 18791688, 18885870, 19303936, 19434529
19018447, 18417036, 19597439, 20235511, 19022470, 18964939, 19430401
19044962, 19385656, 19501299, 17274537, 19409212, 19440586, 19606174
18436647, 19023822, 19684504, 19178851, 19124589, 19805359, 19024808
19597583, 19155797, 19393542, 19050649, 19028800

Amazon RDS para Oracle Database 11g versão 2 (11.2.0.4)

Para o Amazon RDS para Oracle Database 11g versão 2 (11.2.0.4), o Amazon RDS incorpora correções de bugs da Oracle usando Patch Set Updates (PSUs) trimestrais do banco de dados. Caso aplique atualizações, fique tranquilo porque a instância de banco de dados está executando uma versão do software de banco de dados que foi submetida a testes pela Oracle e pela Amazon. Não oferecemos suporte à aplicação de patches únicos em instâncias de banco de dados individuais.

Note

O RDS for Oracle Database 11g não é mais compatível. Essas informações só são úteis se você quiser atualizar um snapshot do Oracle Database 11g.

Para saber quais Patch Set Updates (PSUs) da Oracle são aplicadas ao Amazon RDS para Oracle Database 11g versão 2 (11.2.0.4), consulte a tabela a seguir.

Data	PSU
Outubro de 2020	11.2.0.4.v26
Julho de 2020	11.2.0.4.v25
Abril de 2020	11.2.0.4.v24
Janeiro de 2020	11.2.0.4.v23
Outubro de 2019	11.2.0.4.v22
Julho de 2019	11.2.0.4.v21
Abril de 2019	11.2.0.4.v20
Janeiro de 2019	11.2.0.4.v19
Outubro de 2018	11.2.0.4.v18
Julho de 2018	11.2.0.4.v17

Data	PSU
Abril de 2018	11.2.0.4.v16
Janeiro de 2018	11.2.0.4.v15
Outubro de 2017	11.2.0.4.v14
Julho de 2017	11.2.0.4.v13
Abril de 2017	11.2.0.4.v12
Janeiro de 2017	11.2.0.4.v11
Outubro de 2016	11.2.0.4.v10
Julho de 2016	11.2.0.4.v9
Abril de 2016	11.2.0.4.v8
Janeiro de 2016	11.2.0.4.v7
Outubro de 2015	11.2.0.4.v6
	11.2.0.4.v5
Abril de 2015	11.2.0.4.v4
Outubro de 2014	11.2.0.4.v3
Julho de 2014	11.2.0.4.v2
	(Preterido)
Janeiro de 2014	11.2.0.4.v1

Versão 11.2.0.4.v26

Important

No momento, esse patch só está disponível para o Oracle Database Enterprise Edition.

A versão 11.2.0.4.v26 inclui o seguinte:

- Patch [31537677](#): atualização do conjunto de patches do Oracle Database 11.2.0.4.201020
- Patch [31668908](#): PSU de banco de dados do componente do Oracle JavaVM 11.2.0.4.201020
- Patch [22188219](#): EVENTO DE ESPERA “VALIDAÇÃO L1” USADO PARA RECUAR QUANDO O ENFILEIRAMENTO DE HARDWARE NÃO PODE SER ADQUIRIDO
- Oracle GoldenGate – Patches de servidor RDBMS recomendados pela Oracle
- Patch [32076719](#): SOLICITAÇÃO DE MESCLAGEM SOBRE O BANCO DE DADOS PSU 11.2.0.4.201020 PARA BUGS 2990912 13254780
- Patch [24010393](#): SOLICITAÇÃO DE MESCLAGEM SOBRE O BANCO DE DADOS PSU 11.2.0.4.6 PARA BUGS 12897813 21281961
- Patch [17031322](#): VARIÁVEIS BIND RETORNADAS POR OCIXMLDBREWITEXML NÃO TÊM PRESERVAÇÃO DE ESPAÇO EM BRANCO
- Patch [19277336](#): REPLICAÇÃO INTEGRADA INVALIDA PACOTES DEPENDENTES, RESULTANDO EM ORA-4068
- Patch [19306797](#): HEARTBEAT REDO NÃO É GERADO EM HOSTS NÃO RAC QUANDO O REGISTRO EM LOG SUPLEMENTAR ESTÁ HABILITADO
- Patch [19440386](#): FALHA AO ELEVAR ORA-1 PARA ATUALIZAÇÃO PK QUANDO RESTRIÇÃO = IMEDIATA
- Patch [19563715](#): LOGMINER NÃO FAZ PROGRESSO QUANDO 4 GB OU MAIS DE MEMÓRIA SÃO USADOS NO GOLDENGATE
- PATCH [20647412](#): O NOME DA EDIÇÃO REGISTRADO COM KNLD DEVE SER A EDIÇÃO ATUAL, NÃO A EDIÇÃO DA SESSÃO
- Patch [26744595](#): LGSB: APLICAR ABORTS C/ ORA-26786 (ROW-EXISTS) COLISÃO COM HCC (PR) - SEM HCC (SB)
- PATCH [12668795](#): ORA-00600: [KDUCEFA:ENDBIT] VISTO DURANTE A REPLICAÇÃO XSTREAMS ONEWAY

- Jar PreUpgrade: `preupgrade_181_cbuild_10_lf.zip`
- Suporte para configurar e anular configuração de eventos de diagnóstico do sistema usando procedimentos no pacote `rdsadmin.rdsadmin_util`

Para ter mais informações, consulte [Configurar e anular configuração de eventos de diagnóstico do sistema](#) no Guia do usuário do Amazon RDS.

- Suporte para o procedimento `rdsadmin_util.truncate_apply$_cdr_info` descrito em [REPLICAT integrado lento devido a consulta no sys.“_DBA_APPLY_CDR_INFO”](#) no Guia do usuário do Amazon RDS.

Patches combinados para a versão 11.2.0.4.v26, lançados em novembro de 2020

Erros corrigidos:

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Versão 11.2.0.4.v25

A versão 11.2.0.4.v25 inclui o seguinte:

- Patch [31103343](#): atualização do conjunto de patches do banco de dados 11.2.0.4.200714

- Patch [31219953](#): PSU de banco de dados do componente do Oracle JVM 11.2.0.4.200714
- Patch [31335037](#): DSTV35 para RDBMS (TZDATA2020A)
- Patch [31335142](#): DSTV35 para OJVM (TZDATA2020A)
- Patch [31596256](#): Oracle GoldenGate – Patches de servidor RDBMS recomendados pela Oracle
- Patch [22188219](#): EVENTO DE ESPERA “VALIDAÇÃO L1” USADO PARA RECUAR QUANDO O ENFILEIRAMENTO DE HARDWARE NÃO PODE SER ADQUIRIDO
- Patch [28730253](#): SUPORTE A NOVA ERA REIWA PARA O CALENDÁRIO IMPERIAL JAPONÊS

Patches combinados para a versão 11.2.0.4.v25, lançados em julho de 2020

Erros corrigidos:

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Versão 11.2.0.4.v24

A versão 11.2.0.4.v24 inclui o seguinte:

- Patch [30670774](#): PSU de banco de dados 11.2.0.4.200414
- Patch [30805543](#): PSU de banco de dados do componente do Oracle JVM 11.2.0.4.200414
- Patch [29997937](#): DSTv34 para RDBMS (TZDATA2019G)
- Patch [29997959](#): DSTV34 OJVM (TZDATA2019B)
- Patch [31192454](#): Oracle GoldenGate – Patches de servidor RDBMS recomendados pela Oracle

- Patch [22188219](#): EVENTO DE ESPERA “VALIDAÇÃO L1” USADO PARA RECUAR QUANDO O ENFILEIRAMENTO DE HARDWARE NÃO PODE SER ADQUIRIDO
- Patch [28730253](#): SUPORTE A NOVA ERA REIWA PARA O CALENDÁRIO IMPERIAL JAPONÊS
- Suporte para limpeza da lixeira

Para ter mais informações, consulte [Limpeza da lixeira](#) no Guia do usuário do Amazon RDS.

- Suporte para gerar relatórios de desempenho com o Automatic Workload Repository (AWR) usando o pacote `rdsadmin.rdsadmin_diagnostic_util`

Para ter mais informações, consulte [Gerar relatórios de performance com o AWR \(Automatic Workload Repository\)](#) no Guia do usuário do Amazon RDS.

Patches combinados para a versão 11.2.0.4, lançados em abril de 2020

Erros corrigidos:

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Versão 11.2.0.4.v23

A versão 11.2.0.4.v23 inclui o seguinte:

- Patch [30298532](#): atualização do conjunto de patches do banco de dados 11.2.0.4.200114
- Patch [30503372](#): ATUALIZAÇÃO DO CONJUNTO DE PATCHES DO OJVM 11.2.0.4.200114
- Patch [29997937](#): DSTv34 para RDBMS (TZDATA2019G)
- Patch [29997959](#): DSTV34 OJVM (TZDATA2019B)
- Oracle GoldenGate – Patches de servidor RDBMS recomendados pela Oracle
- Patch [19440386](#): FALHA AO ELEVAR ORA-1 PARA ATUALIZAÇÃO PK QUANDO RESTRIÇÃO = IMEDIATA
- Patch [19277336](#): REPLICAÇÃO INTEGRADA INVALIDA PACOTES DEPENDENTES, RESULTANDO EM ORA-4068

- Patch [24286409](#): SOLICITAÇÃO DE MESCLAGEM SOBRE O BANCO DE DADOS PSU 11.2.0.4.6 PARA BUGS 20647412 21534893
- Patch [24010393](#): SOLICITAÇÃO DE MESCLAGEM SOBRE O BANCO DE DADOS PSU 11.2.0.4.6 PARA BUGS 12897813 21281961
- Patch [19306797](#): HEARTBEAT REDO NÃO É GERADO EM HOSTS NÃO RAC QUANDO O REGISTRO EM LOG SUPLEMENTAR ESTÁ HABILITADO
- Patch [19563715](#): LOGMINER NÃO FAZ PROGRESSO QUANDO 4 GB OU MAIS DE MEMÓRIA SÃO USADOS NO GOLDENGATE
- Patch [20425790](#): PATCHES DO LOGMINER DEVEM FUNCIONAR TRANSPARENTEMENTE EM UM DB NÃO PARTICIONADO
- Patch [17031322](#): 46719: VARIÁVEIS BIND RETORNADAS POR OCIXMLDBREWTEXTXML NÃO TÊM PRESERVAÇÃO DE ESPAÇO EM BRANCO
- Patch [30303921](#): SOLICITAÇÃO DE MESCLAGEM SOBRE O BANCO DE DADOS PSU 11.2.0.4.190416 PARA BUGS 29879564 14312810
- Patch [30293609](#): SOLICITAÇÃO DE MESCLAGEM SOBRE O BANCO DE DADOS PSU 11.2.0.4.190416 PARA BUGS 29600521 23262847
- Patch [26744595](#): LGSB: APLICAR ABORTS C/ ORA-26786 (ROW-EXISTS) COLISÃO COM HCC (PR) - SEM HCC (SB)
- Patch [28730253](#): SUPORTE A NOVA ERA REIWA PARA O CALENDÁRIO IMPERIAL JAPONÊS

Oracle patch 30298532, lançado em janeiro de 2020

Erros corrigidos:

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Versão 11.2.0.4.v22

A versão 11.2.0.4.v22 inclui o seguinte:

- Patch [29913194](#): ATUALIZAÇÃO DO CONJUNTO DE PATCHES DE BANCO DE DADOS 11.2.0.4.191015
- Patch [30132974](#): ATUALIZAÇÃO DO CONJUNTO DE PATCHES DO OJVM 11.2.0.4.191015
- Patch [29997937](#): DSTv34 para RDBMS (TZDATA2019G)
- Patch [29997959](#): DSTV34 OJVM (TZDATA2019B)
- Oracle GoldenGate – Patches de servidor RDBMS recomendados pela Oracle
- Patch [19440386](#): FALHA AO ELEVAR ORA-1 PARA ATUALIZAÇÃO PK QUANDO RESTRIÇÃO = IMEDIATA
- Patch [19277336](#): REPLICAÇÃO INTEGRADA INVALIDA PACOTES DEPENDENTES, RESULTANDO EM ORA-4068
- Patch [24286409](#): SOLICITAÇÃO DE MESCLAGEM SOBRE O BANCO DE DADOS PSU 11.2.0.4.6 PARA BUGS 20647412 21534893
- Patch [24010393](#): SOLICITAÇÃO DE MESCLAGEM SOBRE O BANCO DE DADOS PSU 11.2.0.4.6 PARA BUGS 12897813 21281961
- Patch [19306797](#): HEARTBEAT REDO NÃO É GERADO EM HOSTS NÃO RAC QUANDO O REGISTRO EM LOG SUPLEMENTAR ESTÁ HABILITADO
- Patch [19563715](#): LOGMINER NÃO FAZ PROGRESSO QUANDO 4 GB OU MAIS DE MEMÓRIA SÃO USADOS NO GOLDENGATE

- Patch [20425790](#): PATCHES DO LOGMINER DEVEM FUNCIONAR TRANSPARENTEMENTE EM UM DB NÃO PARTICIONADO
- Patch [17031322](#): 46719: VARIÁVEIS BIND RETORNADAS POR OCIXMLDBREWITEXML NÃO TÊM PRESERVAÇÃO DE ESPAÇO EM BRANCO
- Patch [30303921](#): SOLICITAÇÃO DE MESCLAGEM SOBRE O BANCO DE DADOS PSU 11.2.0.4.190416 PARA BUGS 29879564 14312810
- Patch [30293609](#): SOLICITAÇÃO DE MESCLAGEM SOBRE O BANCO DE DADOS PSU 11.2.0.4.190416 PARA BUGS 29600521 23262847
- Patch [26744595](#): LGSB: APLICAR ABORTS C/ ORA-26786 (ROW-EXISTS) COLISÃO COM HCC (PR) - SEM HCC (SB)
- Patch [28730253](#): SUPORTE A NOVA ERA REIWA PARA O CALENDÁRIO IMPERIAL JAPONÊS

Oracle patch 29913194, lançado em outubro de 2019

Erros corrigidos:

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Versão 11.2.0.4.v21

A versão 11.2.0.4.v21 inclui o seguinte:

- Patch [29497421](#): ATUALIZAÇÃO DO CONJUNTO DE PATCHES DE BANCO DE DADOS 11.2.0.4.190716
- Patch [29610422](#): ATUALIZAÇÃO DO CONJUNTO DE PATCHES DO OJVM 11.2.0.4.190716
- Patch [28852325](#): DSTv33 para RDBMS (TZDATA2018G)
- Patch [28852334](#): DSTv33 para OJVM (TZDATA2018G)
- Patch [30018733](#): Oracle GoldenGate – Patches de servidor RDBMS recomendados pela Oracle
- Patch [28730253](#): SUPORTE A NOVA ERA REIWA PARA O CALENDÁRIO IMPERIAL JAPONÊS

Oracle patch 29497421, lançado em julho de 2019

Erros corrigidos:

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17184721, 21174504, 20169408, 21538558, 16091637, 18092127, 17381384
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Versão 11.2.0.4.v20

A versão 11.2.0.4.v20 inclui o seguinte:

- Patch [29141056](#): ATUALIZAÇÃO DO CONJUNTO DE PATCHES DE BANCO DE DADOS 11.2.0.4.190416
- Patch [29251270](#): ATUALIZAÇÃO DO CONJUNTO DE PATCHES DO OJVM 11.2.0.4.190416
- Patch [28852325](#): DSTv33 para RDBMS (TZDATA2018G)
- Patch [28852334](#): DSTv33 para OJVM (TZDATA2018G)
- Patch [29638593](#): Oracle GoldenGate – Patches de servidor RDBMS recomendados pela Oracle
- Patch [28730253](#): SUPORTE A NOVA ERA REIWA PARA O CALENDÁRIO IMPERIAL JAPONÊS

Patch 22768427 do Oracle, lançado em abril de 2019

Erros corrigidos:

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17184721, 21174504, 21538558, 16091637, 18092127, 17381384, 15979965
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Versão 11.2.0.4.v19

A versão 11.2.0.4.v19 inclui o seguinte:

- Patch [28729262](#): atualização do conjunto de patches do Oracle Database 11.2.0.4.190115
- Patch [28790660](#): atualização do conjunto de patches do Oracle JVM 11.2.0.4.190115
- Patch [28125601](#): DSTv32 para RDBMS (TZDATA2018E)
- Patch [27015468](#): DSTv32 para OJVM (TZDATA2018E)
- Patch [27216420](#): Oracle GoldenGate – Patches de servidor RDBMS recomendados pela Oracle

Patch 28729262 do Oracle, lançado em janeiro de 2019

Erros corrigidos:

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Versão 11.2.0.4.v18

A versão 11.2.0.4.v18 inclui o seguinte:

- Patch [28204707](#): atualização do conjunto de patches do Oracle Database 11.2.0.4.181016
- Patch [28440700](#): atualização do conjunto de patches do Oracle JVM 11.2.0.4.181016
- Patch [28125601](#): DSTv32 para RDBMS (TZDATA2018E)
- Patch [27015468](#): DSTv32 para OJVM (TZDATA2018E)
- Patch [27216420](#): Oracle GoldenGate – Patches de servidor RDBMS recomendados pela Oracle
- Os patches 27659043 e 19692824 já estão incluídos na PSU do Oracle Database

Oracle patch 28204707, lançado em outubro de 2018

Erros corrigidos:

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Versão 11.2.0.4.v17

A versão 11.2.0.4.v17 inclui o seguinte:

- Patch [27734982](#): atualização do conjunto de patches do Oracle Database 11.2.0.4.180717
- Patch [27923163](#): atualização do conjunto de patches do Oracle JVM 11.2.0.4.180717
- Patch [28125601](#): DSTv32 para RDBMS (TZDATA2018E)
- Patch [27015468](#): DSTv32 para OJVM (TZDATA2018E)
- Patch [27216420](#): Oracle GoldenGate – Patches de servidor RDBMS recomendados pela Oracle
- Patch [27659043](#): pacote MES 405
- Patch [19692824](#): DBCONTROL não é retornado no OEL 7

Oracle patch 27734982, lançado em julho de 2018

Erros corrigidos:

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Versão 11.2.0.4.v16

A versão 11.2.0.4.v16 inclui o seguinte:

- Patch [27338049](#): ATUALIZAÇÃO DO CONJUNTO DE PATCHES DE BANCO DE DADOS 11.2.0.4.180417
- Patch [27475598](#): ATUALIZAÇÃO DO CONJUNTO DE PATCHES DO OJVM 11.2.0.4.180417
- Patch [27015449](#): RDBMS - ATUALIZAÇÃO PROATIVA DSTV31 - TZDATA2017C
- Patch [27015468](#): ATUALIZAÇÃO PROATIVA DSTV31 - TZDATA2017C - PRECISA DE CORREÇÃO DO OJVM
- Patch [27216420](#): Oracle GoldenGate – Patches de servidor RDBMS recomendados pela Oracle
- Patch [27659043](#): PACOTE MES 405 SOBRE PSU RDBMS 11.2.0.4.180116
- Patch [19692824](#): DBCONTROL não é retornado no OEL 7
- Suporte para o pacote DBMS_ADVANCED_REWRITE
- Corrigido um bug em que DBA_LOCKS e visualizações associadas disponíveis em novas instâncias de banco de dados da versão 11.2.0.4 .v15 não foram criadas em atualizações para a versão 11.2.0.4 .v15. As visualizações agora são criadas em instâncias de banco de dados novas e atualizadas da versão 11.2.0.4.v16 e posterior.

Oracle patch 27338049, lançado em abril de 2018

Erros corrigidos:

21174504, 17184721, 21538558, 16091637, 18092127, 17381384, 15979965
20671094, 16731148, 16314254, 13837378, 18441944, 17835048, 13558557
17008068, 17201159, 25427662, 17853498, 20717359, 17246576, 18356166
18681862, 18440047, 20569094, 20031873, 16875449, 20387265, 19788842
17296856, 21330264, 14010183, 17648596, 17551063, 17025461, 24719736
17267114, 22507210, 17912217, 17889583, 18202441, 17040764, 17478145
16524926, 25655390, 19358317, 22148226, 18747196, 26544823, 18641419
17036973, 18948177, 17811789, 16542886, 14285317, 18009564, 16618694
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24624166, 17848897, 17441661, 14034426, 17465741, 16596890, 17437634
21343897, 20506706, 21453153, 18339044, 22321741, 21795111, 17951233
18430495, 21787056, 22380919, 19469538, 20506715, 17811429, 19721304
17903598, 18230522, 19554106, 19458377, 21281607, 17612828, 6599380
22092979, 22321756, 17040527, 17811438, 18641461, 14657740, 13364795
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17344412, 21179898, 19461270, 17546761, 24842886, 14521849, 18203835
18203838, 18964939, 18203837, 17313525, 22195457, 18139690, 16837842
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18673342, 22905130, 17027426, 27374796, 19972569, 19972568, 20144308
19972566, 17282229, 19972564, 16870214, 21629064, 19615136, 21354456
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16399083, 17824637, 21132297, 22465352, 17762296, 22168163, 17397545
16450169, 12364061, 20067212, 18856999, 19211724, 19463893, 19463897
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16901385, 18554763, 21532755, 18189036, 17443671, 17385178, 14829250
17936109, 20925795, 20509482, 17478514, 27441326, 16850630, 13951456
16595641, 14054676, 15861775, 21142837, 16912439, 17299889, 17297939
23003979, 18619917, 16833527, 17798953, 17816865, 18607546, 17571306
21286665, 17341326, 26910644, 17851160, 20558005, 17586955, 19049453
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18522509, 21051833, 18765602, 20860659, 20324049, 18199537, 17332800
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17752995, 21051862, 16863422, 25505382, 17237521, 18244962, 19544839
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17672719, 17602269, 17239687, 17042658, 17238511, 17811456, 17284817
17752121, 20879889, 21380789, 17394950, 17011832, 16579084, 22195465
14602788, 18325460, 24476265, 26569225, 24476274, 12611721, 16903536
17006570, 19689979, 16043574, 18783224, 24662775, 16494615, 21526048
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17865671, 17343514, 19013183, 17325413, 18316692, 16180763, 17348614
14368995, 21983325, 17393915, 16285691, 19211433, 20331945, 17883081
17705023, 24316947, 17614227, 19578350, 22195485, 14084247, 13645875
16777840, 19727057, 14852021, 18744139, 18674047, 17716305, 19285025
18482502, 17622427, 19289642, 22195492, 25947799, 14458214, 20869721
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21351877, 17365043, 13498382, 18331812, 16065166, 25489607, 16685417
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16756406, 20441797, 19769489, 17545847, 25093656, 18260550, 13853126
17227277, 23536835, 25957038, 24652769, 19207117, 9756271, 18868646
17614134, 26667023, 17546973, 18704244, 19680952, 26667015, 17050888
18828868, 18273830, 17360606, 24563422, 16992075, 17375354, 12905058
18362222, 21429602, 27086138, 17571039, 17468141, 18436647, 17235750

21168487, 16220077, 16929165

Versão 11.2.0.4.v15

A versão 11.2.0.4.v15 inclui o seguinte:

- Patch [26925576](#): ATUALIZAÇÃO DO CONJUNTO DE PATCHES DE BANCO DE DADOS 11.2.0.4.180116
- Patch [26925532](#): ATUALIZAÇÃO DO CONJUNTO DE PATCHES DO OJVM 11.2.0.4.180116
- Patch [27015449](#): RDBMS - ATUALIZAÇÃO PROATIVA DSTV31 - TZDATA2017C
- Patch [27015468](#): ATUALIZAÇÃO PROATIVA DSTV31 - TZDATA2017C - PRECISA DE CORREÇÃO DO OJVM
- Patch [27216420](#): Oracle GoldenGate – Patches de servidor RDBMS recomendados pela Oracle
- Patch [27244661](#): PACOTE MES 405 SOBRE PSU RDBMS 11.2.0.4.180116
- Patch [19692824](#): DBCONTROL não é retornado no OEL 7
- Suporte para DBA_LOCKS e visualizações associadas

Oracle patch 26925576, lançado em janeiro de 2018

Erros corrigidos:

17288409, 21051852, 24316947, 17811429, 17205719, 18607546, 25654936
 17816865, 20506699, 24835538, 25957038, 23330119, 17922254, 17754782
 13364795, 16934803, 17311728, 20387265, 17284817, 17441661, 20671094
 24560906, 16992075, 17446237, 14015842, 19972569, 21756677, 17375354
 21538558, 20925795, 17449815, 26575788, 19463897, 13866822, 17235750
 17982555, 17478514, 18317531, 14338435, 18235390, 20803583, 19461270
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 17346091, 18264060, 17343514, 21538567, 19680952, 18471685, 19211724
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18723434, 21972320, 21532755, 19554106, 25505371, 14034426, 18339044
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26746894, 24842886, 18203835, 23026585, 17297939, 17811456, 16731148
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22502493, 14368995, 17346671, 18996843, 17783588, 21343838, 16618694
17672719, 18856999, 18783224, 17851160, 17546761, 22168163, 17798953
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17726838, 16384983, 22296366, 17360606, 13645875, 22321741, 16542886
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20324049, 21330264, 26198926, 19854503, 23315889, 26910644, 26030218
21868720, 19309466, 25764020, 18681862, 17365043, 20031873, 20558005
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17889583, 18673325, 22551446, 19721304, 18293054, 17242746, 19211433
19888853, 17951233, 18094246, 17649265, 19615136, 17011832, 17477958
16870214, 18522509, 20631274, 16091637, 17323222, 16595641, 16524926
18228645, 18282562, 17596908, 18031668, 17156148, 16494615, 22683225
20869721, 17545847, 25093656, 17655240, 24528741, 17614134, 25427662
13558557, 22465352, 17341326, 17891946, 17716305, 22657942, 16392068
18440095, 19271443, 21351877, 20513399, 18092127, 17614227, 18440047
18849970, 16903536, 14106803, 18973907, 18673342, 22809871, 17389192
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21629064, 18247991, 14458214, 21051862, 17786278, 16692232, 17227277
24476265, 16042673, 16314254, 19285025, 16228604, 16756406, 16837842
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24433711, 18384537, 18280813, 20296213, 16901385, 15979965, 23330124
18441944, 16450169, 9756271, 17892268, 11733603, 16285691, 17587063
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17238511, 19777862, 23065323, 17824637, 16571443, 17903598, 18306996
19578350, 14852021, 17853456, 18674047, 12364061, 19207117, 24411921, 22195448
```

Versão 11.2.0.4.v14

A versão 11.2.0.4.v14 inclui o seguinte:

- PSU de outubro de 2017 da Oracle, uma combinação de PSU de banco de dados (patch 26392168) + PSU de componente OJVM (patch 26635834)
- Patches de RDBMS recomendados pela Oracle para o Oracle GoldenGate (patch 26950781)
- RSA Micro-Edition Suite Bundle (patch 26963526)
- Arquivo de fuso horário DSTv30 (patch 25881255, patch 25881271 OJVM)

Oracle patch 26392168, lançado em outubro de 2017

Erros corrigidos:

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17288409, 21051852, 24316947, 17811429, 17205719, 18607546, 25654936
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17546761, 22168163, 17798953, 18273830, 22092979, 16596890, 19972566
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22321741, 13645875, 25879656, 18199537, 16542886, 21787056, 17889549

14565184, 20475845, 21281607, 17071721, 17610798, 20299015, 21343897
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18641451, 12747740, 18430495, 25423453, 17016369, 17042658, 14602788
17551063, 19972568, 21517440, 19788842, 18508861, 14657740, 17332800
13837378, 17186905, 19972564, 19699191, 18315328, 17437634, 22353199
18093615, 19006849, 19013183, 17296856, 18674024, 17232014, 16855292
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16524926, 18228645, 18282562, 17596908, 18031668, 17156148, 16494615
22683225, 20869721, 17545847, 25093656, 17655240, 24528741, 17614134
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17390431, 17570240, 16863422, 18325460, 17008068, 19727057, 16422541
19972570, 17267114, 18244962, 21538485, 18203838, 18765602, 16198143
17246576, 14829250, 17835627, 18247991, 14458214, 21051862, 17786278
16692232, 17227277, 24476265, 16042673, 16314254, 19285025, 16228604
16837842, 20144308, 17393683, 23536835, 25823754, 18899974, 17787259
24719736, 20331945, 19490948, 20074391, 15861775, 16399083, 25947799
18018515, 22683212, 21051858, 18260550, 17080436, 16613964, 17036973
16579084, 24433711, 18384537, 18280813, 20296213, 16901385, 15979965
23330124, 18441944, 16450169, 9756271, 17892268, 11733603, 16285691
17587063, 21343775, 26474853, 18180390, 16538760, 18193833, 21387964
21051833, 17238511, 19777862, 23065323, 17824637, 17903598, 16571443
18306996, 19578350, 14852021, 17853456, 18674047, 12364061, 24411921
19207117, 22195448

Versão 11.2.0.4.v13

A versão 11.2.0.4.v13 inclui o seguinte:

- PSU de julho de 2017 da Oracle, uma combinação de PSU de banco de dados (patch 26609445) + PSU de componente OJVM (patch 26027154)
- Patches de RDBMS recomendados pela Oracle para o Oracle GoldenGate (patch 26554712)
- RSA Micro-Edition Suite Bundle (patch 26770426)

- Arquivo de fuso horário DSTv30 (patch 25881255, patch 25881271 OJVM)
- Suporte para validar arquivos de instância de banco de dados com o utilitário de validação lógica RMAN

Para ter mais informações, consulte [Validar arquivos de instância de banco de dados](#) no Guia do usuário do Amazon RDS.

- Suporte para definir a edição padrão para uma instância de banco de dados

Para obter mais informações, consulte [Definir a edição padrão para uma instância de banco de dados](#) no Guia do usuário do Amazon RDS.

Oracle patch 26609445, lançado em julho de 2017

Erros corrigidos:

```
17288409, 21051852, 24316947, 17811429, 17205719, 18607546, 20506699
17816865, 25957038, 23330119, 17922254, 17754782, 13364795, 16934803
17311728, 20387265, 17284817, 17441661, 24560906, 16992075, 17446237
14015842, 19972569, 21756677, 17375354, 21538558, 20925795, 17449815
26575788, 19463897, 13866822, 17235750, 17982555, 17478514, 18317531
14338435, 18235390, 20803583, 19461270, 13944971, 20142975, 17811789
16929165, 18704244, 20506706, 17546973, 20334344, 14054676, 17088068
17346091, 18264060, 17343514, 21538567, 19680952, 18471685, 19211724
13951456, 21847223, 16315398, 18744139, 16850630, 23177648, 19049453
18673304, 17883081, 19915271, 18641419, 18262334, 25600421, 17006183
16065166, 18277454, 16833527, 10136473, 18051556, 17865671, 17852463
18554871, 17853498, 18334586, 20879889, 17551709, 17588480, 19827973
17344412, 17842825, 18828868, 20509482, 17025461, 11883252, 13609098
17239687, 17602269, 19197175, 18316692, 22195457, 17313525, 12611721
19544839, 18964939, 17600719, 18191164, 19393542, 17571306, 20777150
18482502, 19466309, 22243719, 17040527, 17165204, 18098207, 16785708
17465741, 16180763, 17174582, 12982566, 16777840, 19463893, 22195465
16875449, 22148226, 12816846, 17237521, 6599380, 19358317, 17811438
25505394, 17811447, 17945983, 21983325, 18762750, 16912439, 17184721
18061914, 17282229, 18331850, 18202441, 17082359, 18723434, 21972320
19554106, 25505371, 14034426, 18339044, 19458377, 17752995, 20448824
17891943, 17258090, 17767676, 16668584, 18384391, 17040764, 17381384
15913355, 18356166, 14084247, 20596234, 20506715, 21756661, 13853126
18203837, 14245531, 16043574, 21756699, 22195441, 17848897, 17877323
21453153, 17468141, 20861693, 17786518, 17912217, 17037130, 16956380
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18155762, 17478145, 17394950, 18641461, 18189036, 18619917, 17027426
21352646, 16268425, 24476274, 22195492, 19584068, 26544823, 18436307
22507210, 17265217, 17634921, 13498382, 19469538, 21526048, 19258504
18043064, 20004087, 17443671, 22195485, 18000422, 20004021, 22321756
17571039, 21067387, 16832076, 22905130, 16344544, 18009564, 14354737
21286665, 18135678, 14521849, 18614015, 20441797, 18362222, 25655390
16472716, 17835048, 17050888, 17936109, 14010183, 17325413, 18747196
17761775, 16721594, 17082983, 20067212, 21179898, 17302277, 18084625
15990359, 24842886, 18203835, 17297939, 17811456, 16731148, 22380919
21168487, 14133975, 13829543, 17215560, 17694209, 17385178, 18091059
8322815, 18259031, 19689979, 17586955, 17201159, 17655634, 18331812
19730508, 18868646, 17648596, 16220077, 16069901, 17348614, 17393915
17957017, 17274537, 18096714, 17308789, 18436647, 14285317, 19289642
14764829, 17622427, 18328509, 16943711, 22195477, 14368995, 22502493
17346671, 18996843, 17783588, 21343838, 16618694, 17672719, 18856999
18783224, 17851160, 17546761, 22168163, 17798953, 18273830, 22092979
16596890, 19972566, 13871092, 17726838, 16384983, 22296366, 17360606
22321741, 13645875, 25879656, 18199537, 16542886, 21787056, 17889549
14565184, 17071721, 17610798, 20299015, 21343897, 22893153, 20657441
17397545, 18230522, 16360112, 19769489, 12905058, 18641451, 12747740
18430495, 25423453, 17016369, 17042658, 14602788, 17551063, 19972568
21517440, 19788842, 18508861, 14657740, 17332800, 13837378, 17186905
19972564, 19699191, 18315328, 17437634, 22353199, 18093615, 19006849
19013183, 17296856, 18674024, 17232014, 16855292, 17762296, 14692762
21051840, 17705023, 22507234, 19121551, 21330264, 19854503, 26030218
21868720, 19309466, 18681862, 17365043, 20558005, 18554763, 17390160
18456514, 16306373, 13955826, 18139690, 17501491, 17752121, 21668627
17299889, 17889583, 18673325, 19721304, 18293054, 17242746, 19888853
17951233, 18094246, 17649265, 19615136, 17011832, 16870214, 17477958
18522509, 20631274, 16091637, 17323222, 16595641, 16524926, 18228645
18282562, 17596908, 18031668, 17156148, 16494615, 22683225, 17545847
25093656, 17655240, 24528741, 17614134, 25427662, 13558557, 17341326
17891946, 17716305, 22657942, 18440095, 16392068, 19271443, 21351877
18092127, 17614227, 18440047, 16903536, 14106803, 18973907, 18673342
17389192, 25505382, 19032867, 17612828, 16194160, 17006570, 25369547
25505407, 16685417, 17721717, 17390431, 17570240, 16863422, 18325460
19727057, 16422541, 19972570, 17267114, 18244962, 21538485, 18203838
18765602, 16198143, 17246576, 14829250, 17835627, 18247991, 14458214
21051862, 16692232, 17786278, 17227277, 24476265, 16042673, 16314254
16228604, 16837842, 17393683, 23536835, 25823754, 18899974, 17787259
20331945, 20074391, 15861775, 16399083, 18018515, 22683212, 21051858
18260550, 17080436, 16613964, 17036973, 16579084, 24433711, 18384537
18280813, 20296213, 16901385, 15979965, 23330124, 18441944, 16450169
9756271, 17892268, 11733603, 16285691, 17587063, 21343775, 18180390

16538760, 18193833, 21387964, 21051833, 17238511, 19777862, 17824637
16571443, 18306996, 19578350, 14852021, 17853456, 18674047, 12364061
24411921, 19207117, 22195448

Versão 11.2.0.4.v12

A versão 11.2.0.4.v12 inclui o seguinte:

- Oracle patch 25440428, uma combinação de PSU de banco de dados (patch 24732075) + PSU de componente OJVM (patch 25434033)
- Patches de RDBMS recomendados pela Oracle para o Oracle GoldenGate (patch 25734992)
- Pacote MES (patch 24975421 para 11.2.0.4)
- Arquivo de fuso horário DSTv28 (patch 24701840)
- Suporte para o pacote DBMS_CHANGE_NOTIFICATION
- Suporte para pacotes e visualizações XSTREAM (pode exigir licenciamento adicional)

Oracle patch 24732075, lançado em abril de 2017

Erros corrigidos:

17288409, 21051852, 24316947, 17811429, 17205719, 18607546, 20506699
17816865, 17922254, 23330119, 17754782, 16934803, 13364795, 17311728
17284817, 17441661, 24560906, 16992075, 17446237, 14015842, 19972569
21756677, 17375354, 20925795, 21538558, 17449815, 19463897, 13866822
17235750, 17982555, 17478514, 18317531, 14338435, 18235390, 20803583
13944971, 20142975, 17811789, 16929165, 18704244, 20506706, 17546973
20334344, 14054676, 17088068, 17346091, 18264060, 17343514, 21538567
19680952, 18471685, 19211724, 13951456, 21847223, 16315398, 18744139
16850630, 23177648, 19049453, 18673304, 17883081, 19915271, 18641419
18262334, 17006183, 16065166, 18277454, 16833527, 10136473, 18051556
17865671, 17852463, 18554871, 17853498, 18334586, 17551709, 17588480
19827973, 17344412, 17842825, 18828868, 17025461, 11883252, 13609098
17239687, 17602269, 19197175, 18316692, 22195457, 17313525, 12611721
19544839, 18964939, 17600719, 18191164, 19393542, 17571306, 20777150
18482502, 19466309, 22243719, 17040527, 17165204, 18098207, 16785708
17465741, 17174582, 16180763, 12982566, 16777840, 19463893, 22195465
16875449, 12816846, 22148226, 17237521, 6599380, 19358317, 25505394

17811438, 17811447, 17945983, 21983325, 18762750, 16912439, 17184721
18061914, 17282229, 18331850, 18202441, 17082359, 18723434, 21972320
19554106, 25505371, 14034426, 18339044, 19458377, 17752995, 20448824
17891943, 17258090, 17767676, 16668584, 18384391, 17040764, 17381384
15913355, 18356166, 14084247, 20596234, 20506715, 21756661, 13853126
18203837, 14245531, 16043574, 21756699, 22195441, 17848897, 17877323
21453153, 17468141, 20861693, 17786518, 17912217, 17037130, 16956380
18155762, 17478145, 17394950, 18641461, 18189036, 18619917, 17027426
21352646, 16268425, 24476274, 22195492, 19584068, 18436307, 22507210
17265217, 17634921, 13498382, 21526048, 19258504, 20004087, 17443671
22195485, 18000422, 22321756, 20004021, 17571039, 21067387, 22905130
16344544, 18009564, 14354737, 21286665, 18135678, 18614015, 20441797
18362222, 17835048, 16472716, 17936109, 17050888, 14010183, 17325413
18747196, 17761775, 16721594, 17082983, 20067212, 21179898, 17302277
18084625, 15990359, 24842886, 18203835, 17297939, 17811456, 22380919
16731148, 21168487, 14133975, 13829543, 17215560, 17694209, 17385178
18091059, 8322815, 17586955, 17201159, 17655634, 18331812, 19730508
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17957017, 18096714, 17308789, 18436647, 14285317, 19289642, 14764829
17622427, 18328509, 16943711, 22195477, 14368995, 22502493, 17346671
18996843, 17783588, 21343838, 16618694, 17672719, 18856999, 18783224
17851160, 17546761, 17798953, 18273830, 22092979, 16596890, 19972566
16384983, 17726838, 22296366, 17360606, 22321741, 13645875, 18199537
16542886, 21787056, 17889549, 14565184, 17071721, 17610798, 20299015
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12905058, 18641451, 12747740, 18430495, 17016369, 17042658, 14602788
17551063, 19972568, 21517440, 18508861, 19788842, 14657740, 17332800
13837378, 19972564, 17186905, 18315328, 19699191, 17437634, 22353199
18093615, 19006849, 19013183, 17296856, 18674024, 17232014, 16855292
17762296, 14692762, 21051840, 17705023, 22507234, 19121551, 21330264
19854503, 21868720, 19309466, 18681862, 20558005, 18554763, 17390160
18456514, 16306373, 13955826, 18139690, 17501491, 17752121, 21668627
17299889, 17889583, 18673325, 19721304, 18293054, 17242746, 17951233
18094246, 17649265, 19615136, 17011832, 16870214, 17477958, 18522509
20631274, 16091637, 17323222, 16595641, 16524926, 18228645, 18282562
17596908, 18031668, 17156148, 16494615, 22683225, 17545847, 25093656
17655240, 24528741, 17614134, 13558557, 17341326, 17891946, 17716305
22657942, 18440095, 16392068, 19271443, 21351877, 18092127, 17614227
18440047, 16903536, 14106803, 18973907, 18673342, 25505382, 19032867
17389192, 17612828, 16194160, 17006570, 25369547, 25505407, 17721717
17390431, 17570240, 16863422, 18325460, 19727057, 16422541, 19972570
17267114, 18244962, 21538485, 18765602, 18203838, 16198143, 17246576
14829250, 17835627, 18247991, 14458214, 21051862, 16692232, 17786278
17227277, 24476265, 16042673, 16314254, 16228604, 16837842, 17393683

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23536835, 17787259, 20331945, 20074391, 15861775, 16399083, 18018515
22683212, 18260550, 21051858, 17080436, 16613964, 17036973, 16579084
24433711, 18384537, 18280813, 20296213, 16901385, 15979965, 23330124
18441944, 16450169, 9756271, 17892268, 11733603, 16285691, 17587063
21343775, 18180390, 16538760, 18193833, 21387964, 21051833, 17238511
17824637, 16571443, 18306996, 14852021, 17853456, 18674047, 12364061
24411921, 22195448
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Versão 11.2.0.4.v11

A versão 11.2.0.4.v11 inclui o seguinte:

- Oracle patch 24918033, uma combinação de PSU de banco de dados (patch 24006111) + PSU de componente OJVM (patch 24917954)
- Patches de RDBMS recomendados pela Oracle para o Oracle GoldenGate (patch 24491261)
- Pacote MES (patch 24975421 para 11.2.0.4)

Oracle patch 24918033, lançado em janeiro de 2017

Erros corrigidos:

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18933818, 19176885, 17201047, 25067795, 14774730, 19153980, 21911849
23727132, 18166577, 24448240, 17056813, 21811517, 19909862, 22675136
24534298, 19895326, 22253904, 17804361, 19231857, 17528315, 19058059
19554117, 19007266, 17285560, 22670385, 18458318, 19187988, 23265914
19006757, 19374518, 19223010, 25076732, 22118835, 19852360, 20408829
21047766, 21566944,
17288409, 21051852, 24316947, 17811429, 18607546, 17205719, 20506699
17816865, 17922254, 23330119, 17754782, 16934803, 13364795, 17311728
17441661, 17284817, 16992075, 17446237, 14015842, 19972569, 21756677
17375354, 20925795, 21538558, 17449815, 19463897, 13866822, 17235750
17982555, 17478514, 18317531, 14338435, 18235390, 20803583, 13944971
20142975, 17811789, 16929165, 18704244, 20506706, 17546973, 20334344
14054676, 17088068, 17346091, 18264060, 17343514, 21538567, 19680952
18471685, 19211724, 13951456, 21847223, 16315398, 18744139, 16850630
23177648, 19049453, 18673304, 17883081, 19915271, 18641419, 18262334
17006183, 16065166, 18277454, 16833527, 10136473, 18051556, 17865671
17852463, 18554871, 17853498, 18334586, 17551709, 17588480, 19827973
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17602269, 19197175, 22195457, 18316692, 17313525, 12611721, 19544839
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19466309, 22243719, 17040527, 17165204, 18098207, 16785708, 17465741
17174582, 16180763, 16777840, 12982566, 19463893, 22195465, 22148226
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17945983, 21983325, 18762750, 16912439, 17184721, 18061914, 17282229
18331850, 18202441, 17082359, 18723434, 21972320, 19554106, 14034426
18339044, 19458377, 17752995, 20448824, 17891943, 17258090, 17767676
16668584, 18384391, 17040764, 17381384, 15913355, 18356166, 14084247
20596234, 20506715, 21756661, 13853126, 18203837, 14245531, 16043574
21756699, 22195441, 17848897, 17877323, 21453153, 17468141, 20861693
17786518, 17912217, 17037130, 16956380, 18155762, 17478145, 17394950
18641461, 18189036, 18619917, 17027426, 21352646, 16268425, 24476274
22195492, 19584068, 18436307, 22507210, 17265217, 17634921, 13498382
21526048, 19258504, 20004087, 17443671, 22195485, 18000422, 22321756
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17050888, 17325413, 14010183, 18747196, 17761775, 16721594, 17082983
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17811456, 22380919, 16731148, 21168487, 14133975, 13829543, 17215560
17694209, 17385178, 18091059, 8322815, 17586955, 17201159, 17655634
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16360112, 19769489, 12905058, 18641451, 12747740, 18430495, 17016369
17042658, 14602788, 17551063, 19972568, 21517440, 18508861, 19788842
14657740, 17332800, 13837378, 19972564, 17186905, 18315328, 19699191
17437634, 22353199, 18093615, 19006849, 19013183, 17296856, 18674024
17232014, 16855292, 17762296, 14692762, 21051840, 17705023, 22507234
19121551, 21330264, 19854503, 21868720, 19309466, 18681862, 20558005
18554763, 17390160, 18456514, 16306373, 13955826, 18139690, 17501491
17752121, 21668627, 17299889, 17889583, 18673325, 19721304, 18293054
17242746, 17951233, 18094246, 17649265, 19615136, 17011832, 16870214
17477958, 18522509, 20631274, 16091637, 17323222, 16595641, 16524926
18228645, 18282562, 17596908, 18031668, 17156148, 16494615, 22683225
17545847, 17655240, 24528741, 17614134, 13558557, 17341326, 17891946
17716305, 22657942, 16392068, 19271443, 21351877, 18092127, 17614227
18440047, 16903536, 14106803, 18973907, 18673342, 19032867, 17389192
17612828, 16194160, 17006570, 17721717, 17390431, 17570240, 16863422

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18325460, 19727057, 16422541, 19972570, 17267114, 18244962, 21538485
18765602, 18203838, 16198143, 17246576, 14829250, 17835627, 18247991
14458214, 21051862, 16692232, 17786278, 17227277, 24476265, 16042673
16314254, 16228604, 16837842, 17393683, 23536835, 17787259, 20331945
20074391, 15861775, 16399083, 18018515, 22683212, 18260550, 21051858
17080436, 16613964, 17036973, 16579084, 24433711, 18384537, 18280813
20296213, 16901385, 15979965, 23330124, 18441944, 16450169, 9756271
17892268, 11733603, 16285691, 17587063, 21343775, 18180390, 16538760
18193833, 21387964, 21051833, 17238511, 17824637, 16571443, 18306996
14852021, 17853456, 18674047, 12364061, 22195448
```

Versão 11.2.0.4.v10

A versão 11.2.0.4.v10 inclui o seguinte:

- Oracle patch 24436313, uma combinação de PSU de banco de dados (patch 24006111) + PSU de componente OJVM (patch 24315821)
- Patches de RDBMS recomendados pela Oracle para o Oracle GoldenGate (patch 24491261)
- Pacote MES (patch 24975421 para 11.2.0.4)

Linha de base: Oracle Database Patch Set Update 11.2.0.4.161018 (patch 24006111, lançado em outubro de 2016)

Erros corrigidos:

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17288409, 21051852, 24316947, 17811429, 18607546, 17205719, 20506699
17816865, 17922254, 23330119, 17754782, 16934803, 13364795, 17311728
17441661, 17284817, 16992075, 17446237, 14015842, 19972569, 21756677
17375354, 20925795, 21538558, 17449815, 19463897, 13866822, 17235750
17982555, 17478514, 18317531, 14338435, 18235390, 20803583, 13944971
20142975, 17811789, 16929165, 18704244, 20506706, 17546973, 20334344
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17716305, 22657942, 16392068, 19271443, 21351877, 18092127, 17614227
18440047, 16903536, 14106803, 18973907, 18673342, 19032867, 17389192
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16314254, 16228604, 16837842, 17393683, 23536835, 17787259, 20331945
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17080436, 16613964, 17036973, 16579084, 24433711, 18384537, 18280813
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17892268, 11733603, 16285691, 17587063, 21343775, 18180390, 16538760
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14852021, 17853456, 18674047, 12364061, 22195448
```

Versão 11.2.0.4.v9

A versão 11.2.0.4.v9 inclui o seguinte:

- Oracle patch 23615392, uma combinação de PSU de banco de dados (patch 23054359) + PSU de componente OJVM (patch 23177551)
- Arquivo de fuso horário DSTv26 (patch 22873635 para 11.2.0.4)
- Patches de RDBMS recomendados pela Oracle para o Oracle GoldenGate (patch 24320398 para 11.2.0.4.160719)
- Pacote MES (patch 22695784 para 11.2.0.4)
- Adicionada a capacidade de criar funções personalizadas de verificação de senha

Para ter mais informações, consulte [Criação de funções personalizadas para verificar senhas](#) no Guia do usuário do Amazon RDS.

- Correção de um bug que impedia a recompilação implícita de visualizações de propriedade de SYS

Linha de base: Oracle Database Patch Set Update 11.2.0.4.160719 (patch 23054359, lançado em julho 2016)

Erros corrigidos:

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17288409, 21051852, 17811429, 18607546, 17205719, 20506699, 17816865
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21538558, 20925795, 17449815, 19463897, 13866822, 17982555, 17235750
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17478514, 18317531, 14338435, 18235390, 20803583, 13944971, 20142975
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19211724, 13951456, 21847223, 16315398, 18744139, 16850630, 23177648
19049453, 18673304, 17883081, 19915271, 18641419, 18262334, 17006183
16065166, 18277454, 16833527, 10136473, 18051556, 17865671, 17852463
18554871, 17853498, 18334586, 17551709, 17588480, 19827973, 17344412
17842825, 18828868, 17025461, 11883252, 13609098, 17239687, 17602269
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17600719, 18191164, 19393542, 17571306, 18482502, 20777150, 19466309
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16777840, 12982566, 19463893, 22195465, 16875449, 12816846, 17237521
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17184721, 18061914, 17282229, 18331850, 18202441, 17082359, 18723434
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17891943, 17258090, 17767676, 16668584, 18384391, 17040764, 17381384
15913355, 18356166, 14084247, 20596234, 20506715, 21756661, 13853126
18203837, 14245531, 16043574, 21756699, 22195441, 17848897, 17877323
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17634921, 13498382, 21526048, 19258504, 20004087, 17443671, 22195485
18000422, 22321756, 20004021, 17571039, 21067387, 16344544, 18009564
14354737, 21286665, 18135678, 18614015, 20441797, 18362222, 17835048
16472716, 17936109, 17050888, 17325413, 14010183, 18747196, 17761775
16721594, 17082983, 20067212, 21179898, 17302277, 18084625, 15990359
18203835, 17297939, 22380919, 17811456, 16731148, 21168487, 13829543
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17201159, 17655634, 18331812, 19730508, 18868646, 17648596, 16220077
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18273830, 22092979, 16596890, 19972566, 16384983, 17726838, 22296366
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17296856, 18674024, 17232014, 16855292, 17762296, 14692762, 21051840
17705023, 22507234, 19121551, 21330264, 19854503, 21868720, 19309466
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16595641, 16524926, 18228645, 18282562, 17596908, 18031668, 17156148
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17891946, 17716305, 16392068, 19271443, 21351877, 18092127, 17614227
18440047, 16903536, 14106803, 18973907, 18673342, 19032867, 17389192
17612828, 16194160, 17006570, 17721717, 17390431, 17570240, 16863422
18325460, 19727057, 16422541, 19972570, 17267114, 18244962, 21538485
18765602, 18203838, 16198143, 17246576, 14829250, 17835627, 18247991
14458214, 21051862, 16692232, 17786278, 17227277, 16042673, 16314254
16228604, 16837842, 17393683, 23536835, 17787259, 20331945, 20074391
15861775, 16399083, 18018515, 22683212, 18260550, 21051858, 17080436
16613964, 17036973, 16579084, 18384537, 18280813, 20296213, 16901385
15979965, 23330124, 18441944, 16450169, 9756271, 17892268, 11733603
16285691, 17587063, 21343775, 16538760, 18180390, 18193833, 21387964
21051833, 17238511, 17824637, 16571443, 18306996, 14852021, 17853456
18674047, 12364061, 22195448
```

Versão 11.2.0.4.v8

A versão 11.2.0.4.v8 inclui o seguinte:

- Oracle PSU 11.2.0.4.160419 (22502456)
- Arquivo do fuso horário DSTv25 (patch 22037014)
- Patches de RDBMS recomendados pela Oracle para o Oracle GoldenGate (patch 22576728)
- Pacote MES (patch 22695784 para 11.2.0.4)
- Adiciona a capacidade para o usuário mestre conceder privilégios em objetos SYS com a opção de concessão usando o procedimento RDSADMIN.RDSADMIN_UTIL.GRANT_SYS_OBJECT
- Adiciona privilégios de usuário mestre para dar suporte aos esquemas mais comuns criados pelo Oracle Fusion Middleware Repository Creation Utility (RCU)

Linha de base: Oracle Database Patch Set Update 11.2.0.4.160419 (patch 22502456, lançado em abril de 2016)

Erros corrigidos:

17288409, 21051852, 17811429, 18607546, 17205719, 20506699, 17816865
17922254, 17754782, 16934803, 13364795, 17311728, 17441661, 17284817
16992075, 17446237, 14015842, 19972569, 21756677, 21538558, 20925795
17449815, 17375354, 19463897, 13866822, 17982555, 17235750, 17478514
18317531, 14338435, 18235390, 20803583, 13944971, 20142975, 17811789
16929165, 18704244, 20506706, 17546973, 20334344, 14054676, 17088068
17346091, 18264060, 17343514, 21538567, 19680952, 18471685, 19211724
13951456, 21847223, 16315398, 18744139, 16850630, 19049453, 18673304
17883081, 19915271, 18641419, 18262334, 17006183, 16065166, 18277454
16833527, 10136473, 18051556, 17865671, 17852463, 18554871, 17853498
18334586, 17551709, 17588480, 19827973, 17344412, 17842825, 18828868
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18316692, 17313525, 12611721, 19544839, 18964939, 17600719, 18191164
19393542, 17571306, 18482502, 20777150, 19466309, 17040527, 17165204
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22195492, 19584068, 18436307, 17265217, 17634921, 13498382, 21526048
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17389192, 17612828, 16194160, 17006570, 17721717, 17390431, 17570240
16863422, 18325460, 19727057, 16422541, 19972570, 17267114, 18244962
21538485, 18765602, 18203838, 16198143, 17246576, 14829250, 17835627
18247991, 14458214, 21051862, 16692232, 17786278, 17227277, 16042673
16314254, 16228604, 16837842, 17393683, 17787259, 20331945, 20074391
15861775, 16399083, 18018515, 22683212, 18260550, 21051858, 17036973
16613964, 17080436, 16579084, 18384537, 18280813, 20296213, 16901385
15979965, 18441944, 16450169, 9756271, 17892268, 11733603, 16285691
17587063, 21343775, 16538760, 18180390, 18193833, 21387964, 21051833
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12364061, 22195448
```

Versão 11.2.0.4.v7

A versão 11.2.0.4.v7 inclui o seguinte:

- Oracle PSU 11.2.0.4.160119 (21948347)
- O arquivo de fuso horário DSTv25 - patch 22037014 para 11.2.0.4 e 12.1.0.2 (12.1.0.1 inclui DSTv24, patch 20875898 (inalterado de 12.1.0.1.v3), pois um backport do DSTv25 não estava disponível na ocasião da compilação)
- Correção de um problema que impedia que os clientes criassem mais de 10 objetos de Diretório no banco de dados
- Correção de um problema que impedia que os clientes repetissem a concessão de privilégios de leitura nos objetos de Diretório BDUMP e ADUMP

Linha de base: Oracle Database Patch Set Update 11.2.0.4.160119 (patch 21948347, lançado em janeiro de 2016)

Erros corrigidos:

17288409, 21051852, 18607546, 17205719, 17811429, 17816865, 20506699
17922254, 17754782, 16934803, 13364795, 17311728, 17441661, 17284817
16992075, 17446237, 14015842, 19972569, 17449815, 21538558, 20925795
17375354, 19463897, 17982555, 17235750, 13866822, 17478514, 18317531
18235390, 14338435, 20803583, 13944971, 20142975, 17811789, 16929165
18704244, 20506706, 17546973, 20334344, 14054676, 17088068, 18264060
17346091, 17343514, 21538567, 19680952, 18471685, 19211724, 13951456
21847223, 16315398, 18744139, 16850630, 19049453, 18673304, 17883081
19915271, 18641419, 18262334, 17006183, 16065166, 18277454, 16833527
10136473, 18051556, 17865671, 17852463, 18554871, 17853498, 18334586
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17945983, 18762750, 17184721, 16912439, 18061914, 17282229, 18331850
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19458377, 17752995, 20448824, 17891943, 17258090, 17767676, 16668584
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13853126, 18203837, 14245531, 21756699, 16043574, 22195441, 17848897
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17027426, 21352646, 16268425, 22195492, 19584068, 18436307, 17265217
17634921, 13498382, 21526048, 20004087, 22195485, 17443671, 18000422
22321756, 20004021, 17571039, 21067387, 16344544, 18009564, 14354737
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17811456, 16731148, 21168487, 17215560, 13829543, 14133975, 17694209
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17851160, 17546761, 17798953, 18273830, 22092979, 19972566, 16384983
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17397545, 18230522, 16360112, 19769489, 12905058, 18641451, 12747740
18430495, 17042658, 17016369, 14602788, 17551063, 19972568, 21517440
18508861, 19788842, 14657740, 17332800, 13837378, 19972564, 17186905
18315328, 19699191, 17437634, 19006849, 19013183, 17296856, 18674024

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17232014, 16855292, 21051840, 14692762, 17762296, 17705023, 19121551
21330264, 19854503, 19309466, 18681862, 18554763, 20558005, 17390160
18456514, 16306373, 13955826, 18139690, 17501491, 21668627, 17299889
17752121, 17889583, 18673325, 18293054, 17242746, 17951233, 17649265
18094246, 19615136, 17011832, 16870214, 17477958, 18522509, 20631274
16091637, 17323222, 16595641, 16524926, 18228645, 18282562, 17596908
17156148, 18031668, 16494615, 17545847, 17655240, 17614134, 13558557
17341326, 17891946, 17716305, 16392068, 19271443, 21351877, 18092127
18440047, 17614227, 14106803, 16903536, 18973907, 18673342, 19032867
17389192, 17612828, 16194160, 17006570, 17721717, 17570240, 17390431
16863422, 18325460, 19727057, 16422541, 19972570, 17267114, 18244962
21538485, 18765602, 18203838, 16198143, 17246576, 14829250, 17835627
18247991, 14458214, 21051862, 16692232, 17786278, 17227277, 16042673
16314254, 16228604, 16837842, 17393683, 17787259, 20331945, 20074391
15861775, 16399083, 18018515, 21051858, 18260550, 17036973, 16613964
17080436, 16579084, 18384537, 18280813, 20296213, 16901385, 15979965
18441944, 16450169, 9756271, 17892268, 11733603, 16285691, 17587063
21343775, 16538760, 18180390, 18193833, 21051833, 17238511, 17824637
16571443, 18306996, 14852021, 18674047, 17853456, 12364061, 22195448
```

Versão 11.2.0.4.v6

A versão 11.2.0.4.v6 inclui o seguinte:

- Habilitar a criptografia SSL para o Standard Edition e o Standard Edition One

Versão 11.2.0.4.v5

A versão 11.2.0.4.v5 inclui o seguinte:

- Oracle PSU 11.2.0.4.8 (21352635)
- Inclui o Daylight Saving Time Patch, patch 20875898: DST-24, lançado depois do PSU de abril de 2015.

Linha de base: Oracle Database Patch Set Update 11.2.0.4.8 (patch 21352635, lançado em outubro de 2015)

Erros corrigidos:

17288409, 21051852, 18607546, 17205719, 17811429, 17816865, 20506699
17922254, 17754782, 16934803, 13364795, 17311728, 17441661, 17284817
16992075, 17446237, 14015842, 19972569, 21538558, 20925795, 17449815
17375354, 19463897, 17982555, 17235750, 13866822, 18317531, 17478514
18235390, 14338435, 20803583, 13944971, 20142975, 17811789, 16929165
18704244, 20506706, 17546973, 20334344, 14054676, 17088068, 18264060
17346091, 17343514, 21538567, 19680952, 18471685, 19211724, 13951456
16315398, 18744139, 16850630, 19049453, 18673304, 17883081, 19915271
18641419, 18262334, 17006183, 16065166, 18277454, 16833527, 10136473
18051556, 17865671, 17852463, 18554871, 17853498, 18334586, 17588480
17551709, 19827973, 17842825, 17344412, 18828868, 17025461, 11883252
13609098, 17239687, 17602269, 19197175, 18316692, 17313525, 12611721
19544839, 18964939, 17600719, 18191164, 19393542, 17571306, 18482502
20777150, 19466309, 17040527, 17165204, 18098207, 16785708, 17174582
16180763, 17465741, 16777840, 12982566, 19463893, 12816846, 16875449
17237521, 19358317, 17811438, 17811447, 17945983, 18762750, 17184721
16912439, 18061914, 17282229, 18331850, 18202441, 17082359, 18723434
19554106, 14034426, 18339044, 19458377, 17752995, 20448824, 17891943
17258090, 17767676, 16668584, 18384391, 17040764, 17381384, 15913355
18356166, 14084247, 20506715, 13853126, 18203837, 14245531, 16043574
17848897, 17877323, 17468141, 17786518, 17912217, 17037130, 18155762
16956380, 17478145, 17394950, 18189036, 18641461, 18619917, 17027426
21352646, 16268425, 19584068, 18436307, 17265217, 17634921, 13498382
20004087, 17443671, 18000422, 20004021, 17571039, 21067387, 16344544
18009564, 14354737, 18135678, 18614015, 20441797, 18362222, 17835048
16472716, 17936109, 17050888, 17325413, 14010183, 18747196, 17761775
16721594, 17082983, 20067212, 21179898, 17302277, 18084625, 15990359
18203835, 17297939, 17811456, 16731148, 17215560, 13829543, 14133975
17694209, 18091059, 17385178, 8322815, 17586955, 17201159, 17655634
18331812, 19730508, 18868646, 17648596, 16220077, 16069901, 17348614
17393915, 17274537, 17957017, 18096714, 17308789, 18436647, 14285317
19289642, 14764829, 18328509, 17622427, 16943711, 14368995, 17346671
18996843, 17783588, 16618694, 17672719, 18856999, 18783224, 17851160
17546761, 17798953, 18273830, 19972566, 16384983, 17726838, 17360606
13645875, 18199537, 16542886, 17889549, 14565184, 17071721, 20299015
17610798, 20657441, 17397545, 18230522, 16360112, 19769489, 12905058
18641451, 12747740, 18430495, 17042658, 17016369, 14602788, 19972568
18508861, 19788842, 14657740, 17332800, 13837378, 19972564, 17186905
18315328, 19699191, 17437634, 19006849, 19013183, 17296856, 18674024
17232014, 16855292, 21051840, 14692762, 17762296, 17705023, 19121551
19854503, 19309466, 18681862, 18554763, 20558005, 17390160, 18456514
16306373, 13955826, 18139690, 17501491, 17299889, 17752121, 17889583
18673325, 18293054, 17242746, 17951233, 17649265, 18094246, 19615136

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17011832, 16870214, 17477958, 18522509, 20631274, 16091637, 17323222
16595641, 16524926, 18228645, 18282562, 17596908, 17156148, 18031668
16494615, 17545847, 17614134, 13558557, 17341326, 17891946, 17716305
16392068, 19271443, 18092127, 18440047, 17614227, 14106803, 16903536
18973907, 18673342, 17389192, 16194160, 17006570, 17612828, 17721717
17570240, 17390431, 16863422, 18325460, 19727057, 16422541, 19972570
17267114, 18244962, 21538485, 18765602, 18203838, 16198143, 17246576
14829250, 17835627, 18247991, 14458214, 21051862, 16692232, 17786278
17227277, 16042673, 16314254, 16228604, 16837842, 17393683, 17787259
20331945, 20074391, 15861775, 16399083, 18018515, 18260550, 21051858
17036973, 16613964, 17080436, 16579084, 18384537, 18280813, 20296213
16901385, 15979965, 18441944, 16450169, 9756271, 17892268, 11733603
16285691, 17587063, 16538760, 18180390, 18193833, 21051833, 17238511
17824637, 16571443, 18306996, 14852021, 18674047, 17853456, 12364061
```

Versão 11.2.0.4.v4

A versão 11.2.0.4.v4 inclui o seguinte:

- Oracle PSU 11.2.0.4.6 (20299013)
- Instala bases de conhecimento adicionais do Oracle Text do Oracle Database. Exemplos de mídia (inglês e francês)
- Fornece acesso a DBMS_REPAIR por meio de RDSADMIN.RDSADMIN_DBMS_REPAIR
- Concede ALTER DATABASE LINK, ALTER PUBLIC DATABASE LINK, EXEMPT ACCESS POLICY, EXEMPT IDENTITY POLICY e EXEMPT REDACTION POLICY ao usuário principal

Linha de base: Oracle Database Patch Set Update 11.2.0.4.6 (patch 20299013, lançado em abril de 2015)

Erros corrigidos:

```
17288409, 17798953, 18273830, 18607546, 17811429, 17205719, 20506699
17816865, 19972566, 17922254, 17754782, 16384983, 17726838, 13364795
16934803, 17311728, 17284817, 17441661, 17360606, 13645875, 18199537
16992075, 16542886, 17446237, 14015842, 17889549, 14565184, 19972569
17071721, 20299015, 17610798, 17375354, 17449815, 17397545, 19463897
18230522, 13866822, 17235750, 17982555, 16360112, 18317531, 17478514
19769489, 12905058, 14338435, 18235390, 13944971, 18641451, 20142975
17811789, 16929165, 18704244, 12747740, 18430495, 20506706, 17546973
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14054676, 17088068, 17346091, 18264060, 17016369, 17042658, 17343514
14602788, 19972568, 19680952, 18471685, 19788842, 18508861, 14657740
17332800, 19211724, 13837378, 13951456, 16315398, 17186905, 18744139
19972564, 16850630, 18315328, 17437634, 19049453, 18673304, 17883081
19006849, 19915271, 19013183, 18641419, 17296856, 18674024, 18262334
17006183, 18277454, 16833527, 17232014, 16855292, 10136473, 17762296
14692762, 17705023, 18051556, 17865671, 17852463, 18554871, 17853498
19121551, 18334586, 19854503, 17551709, 19309466, 17588480, 19827973
17344412, 17842825, 18828868, 18681862, 18554763, 17390160, 18456514
16306373, 17025461, 13955826, 18139690, 11883252, 13609098, 17501491
17239687, 17752121, 17299889, 17602269, 19197175, 17889583, 18316692
17313525, 18673325, 12611721, 19544839, 18293054, 17242746, 18964939
17600719, 18191164, 19393542, 17571306, 18482502, 19466309, 17951233
17649265, 18094246, 19615136, 17040527, 17011832, 17165204, 18098207
16785708, 16870214, 17465741, 16180763, 17174582, 17477958, 12982566
16777840, 18522509, 20631274, 16091637, 17323222, 19463893, 16595641
16875449, 12816846, 16524926, 17237521, 18228645, 18282562, 17596908
19358317, 17811438, 17811447, 17945983, 18762750, 17156148, 18031668
16912439, 17184721, 16494615, 18061914, 17282229, 17545847, 18331850
18202441, 17082359, 18723434, 19554106, 17614134, 13558557, 17341326
14034426, 17891946, 18339044, 17716305, 19458377, 17752995, 16392068
19271443, 17891943, 18092127, 17258090, 17767676, 16668584, 18384391
17614227, 17040764, 16903536, 17381384, 14106803, 15913355, 18973907
18356166, 18673342, 17389192, 14084247, 16194160, 17612828, 17006570
20506715, 17721717, 13853126, 17390431, 18203837, 17570240, 14245531
16043574, 16863422, 17848897, 17877323, 18325460, 19727057, 17468141
17786518, 17912217, 16422541, 19972570, 17267114, 17037130, 18244962
18765602, 18203838, 18155762, 16956380, 16198143, 17246576, 17478145
17394950, 14829250, 18189036, 18641461, 18619917, 17835627, 17027426
16268425, 18247991, 19584068, 14458214, 18436307, 17265217, 17634921
13498382, 16692232, 17786278, 17227277, 16042673, 16314254, 17443671
18000422, 16228604, 16837842, 17571039, 17393683, 16344544, 17787259
18009564, 20074391, 14354737, 15861775, 18135678, 18614015, 16399083
18362222, 18018515, 16472716, 17835048, 17050888, 17936109, 14010183
17325413, 18747196, 17080436, 16613964, 17036973, 17761775, 16579084
16721594, 17082983, 18384537, 18280813, 20296213, 17302277, 16901385
18084625, 15979965, 15990359, 18203835, 17297939, 17811456, 16731148
13829543, 14133975, 17215560, 17694209, 18091059, 17385178, 8322815
17586955, 18441944, 17201159, 16450169, 9756271, 17655634, 19730508
17892268, 18868646, 17648596, 16220077, 16069901, 11733603, 16285691
17587063, 18180390, 16538760, 18193833, 17348614, 17393915, 17957017
17274537, 18096714, 17308789, 17238511, 18436647, 17824637, 14285317
19289642, 14764829, 17622427, 18328509, 16571443, 16943711, 14368995
18306996, 17346671, 14852021, 18996843, 17783588, 16618694, 17853456

18674047, 17672719, 18856999, 12364061, 18783224, 17851160, 17546761

Versão 11.2.0.4.v3

A versão 11.2.0.4.v3 inclui o seguinte:

- Oracle PSU 11.2.0.4.4 (19121551)
- Arquivo DST mais recente (DSTv23: patch 19396455, lançado em outubro de 2014). Esse patch é incorporado por padrão apenas em novas instâncias.

Linha de base: Oracle Database Patch Set Update 11.2.0.4.4 (patch 19121551, lançado em outubro de 2014)

Erros corrigidos:

19396455, 18759211, 17432124, 16799735,
17288409, 17205719, 17811429, 17754782, 17726838, 13364795, 17311728
17284817, 17441661, 13645875, 18199537, 16992075, 16542886, 17446237
14565184, 17071721, 17610798, 17375354, 17449815, 17397545, 19463897
18230522, 17235750, 16360112, 13866822, 17982555, 17478514, 12905058
14338435, 13944971, 16929165, 12747740, 17546973, 14054676, 17088068
18264060, 17343514, 17016369, 17042658, 14602788, 14657740, 17332800
19211724, 13951456, 16315398, 17186905, 18744139, 16850630, 17437634
19049453, 18673304, 17883081, 18641419, 17296856, 18262334, 17006183
18277454, 17232014, 16855292, 10136473, 17705023, 17865671, 18554871
19121551, 17588480, 17551709, 17344412, 17842825, 18681862, 17390160
13955826, 13609098, 18139690, 17501491, 17239687, 17752121, 17299889
17602269, 18673325, 17313525, 17242746, 19544839, 17600719, 18191164
17571306, 19466309, 17951233, 18094246, 17165204, 17011832, 17040527
16785708, 16180763, 17477958, 17174582, 17465741, 18522509, 17323222
19463893, 16875449, 16524926, 17237521, 17596908, 17811438, 17811447
18031668, 16912439, 16494615, 18061914, 17545847, 17082359, 19554106
17614134, 17341326, 17891946, 19458377, 17716305, 17752995, 16392068
19271443, 17767676, 17614227, 17040764, 17381384, 18973907, 18673342
14084247, 17389192, 17006570, 17612828, 17721717, 13853126, 18203837
17390431, 17570240, 14245531, 16043574, 16863422, 19727057, 17468141
17786518, 17037130, 17267114, 18203838, 16198143, 16956380, 17478145
14829250, 17394950, 17027426, 16268425, 18247991, 19584068, 14458214
18436307, 17265217, 13498382, 16692232, 17786278, 17227277, 16042673

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16314254, 17443671, 16228604, 16837842, 17393683, 17787259, 18009564
15861775, 16399083, 18018515, 16472716, 17050888, 14010183, 17325413
16613964, 17080436, 17036973, 17761775, 16721594, 18280813, 15979965
18203835, 17297939, 16731148, 17811456, 14133975, 17385178, 17586955
16450169, 17655634, 9756271, 17892268, 17648596, 16220077, 16069901
11733603, 16285691, 17587063, 18180390, 17393915, 18096714, 17238511
17824637, 14285317, 19289642, 14764829, 18328509, 17622427, 16943711
17346671, 18996843, 14852021, 17783588, 16618694, 17672719, 17546761
```

Versão 11.2.0.4.v2 (defasada)

A versão 11.2.0.4.v2 inclui o seguinte:

- Oracle PSU 11.2.0.4.3 (18522509)
- Acesso do usuário ao pacote DBMS_TRANSACTION para limpeza de transações distribuídas com falha
- Arquivo DST mais recente (DSTv22: patch 18759211, lançado em junho de 2014). Esse patch é incorporado por padrão apenas em novas instância de banco de dados Oracle.
- Concede DBMS_REPUTIL à função DBA (a atualização para 11.2.0.4 revoga a função do público)
- Privilégios concedidos em DBMS_TRANSACTION, v\$pending_xatrans\$ e v\$xatrans\$
- Resolve um problema com comandos DDL quando objetos do usuário possuem "SYSTEM" em seus nomes
- Instala objetos de esquema para dar suporte a Transações XA, permitindo que as transações sejam gerenciadas por um gerenciador de transações externo
- Permite o truncamento de objetos SYS e SYSTEM temporários, permitindo que ferramentas como o LogMiner funcionem corretamente

Linha de base: Oracle Database Patch Set Update 11.2.0.4.3 (patch 18522509, lançado em julho 2014)

Erros corrigidos:

```
17432124, 18759211, 18522509, 18031668, 17478514,
17752995, 17288409, 16392068, 17205719, 17811429, 17767676, 17614227
17040764, 17381384, 17754782, 17726838, 13364795, 17311728, 17389192
17006570, 17612828, 17284817, 17441661, 13853126, 17721717, 13645875
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18203837, 17390431, 16542886, 16992075, 16043574, 17446237, 16863422
14565184, 17071721, 17610798, 17468141, 17786518, 17375354, 17397545
18203838, 16956380, 17478145, 16360112, 17235750, 17394950, 13866822
17478514, 17027426, 12905058, 14338435, 16268425, 13944971, 18247991
14458214, 16929165, 17265217, 13498382, 17786278, 17227277, 17546973
14054676, 17088068, 16314254, 17016369, 14602788, 17443671, 16228604
16837842, 17332800, 17393683, 13951456, 16315398, 18744139, 17186905
16850630, 17437634, 19049453, 17883081, 15861775, 17296856, 18277454
16399083, 16855292, 18018515, 10136473, 16472716, 17050888, 17865671
17325413, 14010183, 18554871, 17080436, 16613964, 17761775, 16721594
17588480, 17551709, 17344412, 18681862, 15979965, 13609098, 18139690
17501491, 17239687, 17752121, 17602269, 18203835, 17297939, 17313525
16731148, 17811456, 14133975, 17600719, 17385178, 17571306, 16450169
17655634, 18094246, 17892268, 17165204, 17011832, 17648596, 16785708
17477958, 16180763, 16220077, 17465741, 17174582, 18522509, 16069901
16285691, 17323222, 18180390, 17393915, 16875449, 18096714, 17238511
```

Versão 11.2.0.4.v1

A versão 11.2.0.4.v1 inclui o seguinte:

- Oracle PSU 11.2.0.4.1
- Suporte para criar e eliminar diretórios no espaço de armazenamento de dados principal

Para obter mais informações, consulte [Criar e eliminar diretórios no espaço de armazenamento de dados principal](#) no Guia do usuário do Amazon RDS.

Linha de base: Oracle Database Patch Set Update 11.2.0.4.1 (lançado em janeiro de 2014)

Erros corrigidos:

```
17432124, 16850630, 17551709, 13944971, 17811447,
13866822, 17811429, 16069901, 16721594, 17443671,
17478514, 17612828, 17610798, 17239687, 17501491
17446237, 16450169, 17811438, 17288409, 17811456,
12905058, 17088068, 16285691, 17332800
```

Notas de lançamento do Amazon RDS para Oracle

A tabela a seguir descreve todas as versões do Amazon RDS para Oracle.

Alteração	Descrição	Data
O Amazon RDS oferece suporte à RU Oracle de abril de 2024 para 21c e 19c	O Amazon RDS for Oracle lançou as versões 21.0.0.0.ru-2024-04.rur-2024-04.rur-2024-04.r1 e 19.0.0.0.ru-2024-04.rur-2024-04.r1 para oferecer suporte à RU de abril de 2024.	6 de maio de 2024
O Amazon RDS oferece suporte à RU Oracle de janeiro de 2024 para 21c e 19c	O Amazon RDS for Oracle lançou a versão 21.0.0.0.ru-2024-01.rur-2024-01.rur-2024-01.r1 e 19.0.0.0.ru-2024-01.rur-2024-01.r1 para oferecer suporte à RU de janeiro de 2024.	5 de fevereiro de 2024
O Amazon RDS é compatível com a RU de outubro de 2023 do Oracle para 21c e 19c	O Amazon RDS para Oracle lançou as versões do mecanismo de banco de dados 21.0.0.0.ru-2023-10.rur-2023-10.r1 e 19.0.0.0.ru-2023-10.rur-2023-10.r1 para oferecer suporte à RU de outubro de 2023.	1º de novembro de 2023
O Amazon RDS é compatível com a RU de julho de 2023 da Oracle para 21c e 19c	O Amazon RDS para Oracle lançou as versões do mecanismo de banco de dados 21.0.0.0.ru-2023-07.rur-2023-07.r1 e 19.0.0.0.ru-2023-07.rur-2023-07.r1	10 de agosto de 2023

	para oferecer suporte à RU de julho de 2023.	
O Amazon RDS é compatível com a RU de abril de 2023 da Oracle para 21c	O Amazon RDS para Oracle lançou a versão do mecanismo de banco de dados 21.0.0.0.ru-2023-04.rur-2023-04.r1 para oferecer suporte à RU de abril de 2023.	8 de junho de 2023
O Amazon RDS é compatível com a RU de abril de 2023 da Oracle para 19c	O Amazon RDS para Oracle lançou a versão do mecanismo de banco de dados 19.0.0.0.ru-2023-04.rur-2023-04.r1 para oferecer suporte à RU de abril de 2023.	4 de maio de 2023
O Amazon RDS é compatível com a versão 2 da RU de janeiro de 2023 da Oracle para 21c e 19c	O Amazon RDS para Oracle lançou as versões do mecanismo de banco de dados 19.0.0.0.ru-2023-01.rur-2023-01.r2 e 21.0.0.0.ru-2023-01.rur-2023-01.r2 para oferecer suporte à RU de janeiro de 2023.	5 de abril de 2023
O Amazon RDS é compatível com a RU de janeiro de 2023 da Oracle para 21c e 19c	O Amazon RDS para Oracle lançou as versões do mecanismo de banco de dados 19.0.0.0.ru-2023-01.rur-2023-01.r1 e 21.0.0.0.ru-2023-01.rur-2023-01.r1 para oferecer suporte à RU de janeiro de 2023.	16 de fevereiro de 2023

[O Amazon RDS é compatível com a RU de outubro de 2022 do Oracle para 21c e 19](#)

O Amazon RDS para Oracle lançou as versões do mecanismo de banco de dados [19.0.0.0.ru-2022-10.rur-2022-10.r1](#) e [21.0.0.0.ru-2022-10.rur-2022-10.r1](#) para oferecer suporte à RU de outubro de 2022.

10 de novembro de 2022

[O Amazon RDS é compatível com a RU de julho de 2022 da Oracle para 21c](#)

O Amazon RDS para Oracle lançou a versão do mecanismo de banco de dados [21.0.0.0.ru-2022-07.rur-2022-07.r1](#) para oferecer suporte à RU de julho de 2022 para 21c.

8 de novembro de 2022

[O Amazon RDS é compatível com a RU e a PSU de julho de 2022 da Oracle](#)

O Amazon RDS para Oracle lançou as versões do mecanismo de banco de dados [19.0.0.0.ru-2022-07.rur-2022-07.r1](#) e [12.1.0.2.v29](#) para oferecer suporte à RU e PSU de julho de 2022.

5 de outubro de 2022

[O Amazon RDS é compatível com a RU, a RUR e a PSU de abril de 2022 da Oracle](#)

O Amazon RDS para Oracle lançou as versões do mecanismo de banco de dados [21.0.0.0.ru-2022-04.rur-2022-04.r1](#), [19.0.0.0.ru-2022-04.rur-2022-04.r1](#) e [12.1.0.2.v28](#) para oferecer suporte à RU, RUR e PSU de abril de 2022.

28 de julho de 2022

[O Amazon RDS é compatível com a RU, a RUR e a PSU de janeiro de 2022 da Oracle](#)

O Amazon RDS para Oracle lançou as versões do mecanismo de banco de dados [19.0.0.0.ru-2022-01.rur-2022-01.r1](#), [12.2.0.1.ru-2022-01.rur-2022-01.r1](#) e [12.1.0.2.v27](#) para oferecer suporte à RU, RUR e PSU de janeiro de 2022.

28 de março de 2022

[Lançamento inicial](#)

Versão inicial das Notas de lançamento do Amazon RDS para Oracle.

22 de março de 2022

Atualizações anteriores

A tabela a seguir descreve as alterações importantes em cada versão das Notas de lançamento do Amazon RDS para Oracle antes de 22 de março de 2022.

Alteração	Descrição	Alterado em
O Amazon RDS é compatível com a RU e a RUR de janeiro de 2022 da Oracle	O Amazon RDS para Oracle lançou a versão do mecanismo de banco de dados 21.0.0.0.ru-2022-01.rur-2022-01.r1 para oferecer suporte à RU e RUR de janeiro de 2022.	7 de março de 2022
O Amazon RDS é compatível com a PSU de outubro de 2021 da Oracle	O Amazon RDS for Oracle lançou a versão do mecanismo de banco de dados Oracle 12.1.0.2.v26 para oferecer suporte aos Patch Set Updates (PSUs – Atualizações de conjuntos de patches) de outubro de 2021.	25 de fevereiro de 2022
O Amazon RDS é compatível com a RU e a RUR de	O Amazon RDS for Oracle lançou as versões do mecanismo de banco de dados 19.0.0.0.ru-2021-10.rur-2021-10.r1 e 12.2.0.1.ru-2021-10.rur-2021-10.r1 para oferecer suporte à atualização de versão (RU) e	4 de janeiro de 2022

Alteração	Descrição	Alterado em
outubro de 2021 da Oracle	à revisão de atualização de versão (RUR) de outubro de 2021.	
RU e RUR do Amazon RDS for Oracle de julho de 2021	O Amazon RDS for Oracle lançou as versões do mecanismo de banco de dados 19.0.0.0.ru-2021-07.rur-2021-07.r1, 12.2.0.1.ru-2021-07.rur-2021-07.r1 e 12.1.0.2.v25 para oferecer suporte à atualização de versão (RU) e à revisão de atualização de versão (RUR) de julho de 2021.	31 de agosto de 2021
O Amazon RDS for Oracle inclui a PSU de abril de 2021 para o Oracle Database 12c Release 1 (12.1.0.2)	O Amazon RDS lançou a atualização do conjunto de patches (PSU) 12.1.0.2.v24.	28 de maio de 2021
RU e RUR do Amazon RDS for Oracle de abril de 2021	O Amazon RDS for Oracle lançou as versões 19.0.0.0.ru-2021-04.rur-2021-04.rur-2021-04.r1, 18.0.0.ru-2021-04.rur-2021-04.r1 e 12.2.0.1.ru-2021-04.rur-2021-04.r1 para oferecer suporte à Atualização de Versão (RU) de abril de 2021 e à Revisão de Atualização de Versão (RUR).	21 de maio de 2021
O Amazon RDS for Oracle inclui a PSU de janeiro de 2021 para a versão 12.1.0.2	O Amazon RDS lançou uma atualização do mecanismo de banco de dados para o banco de dados Oracle Database 12c Versão 1 (12.1.0.2). Além disso, o Amazon RDS lançou o banco de dados versão 19.0.0.0.ru-2021-01.rur-2021-01.r2, que recomendamos como alternativa à 19.0.0.0.ru-2021-01.rur-2021-01.r1.	18 de março de 2021

Alteração	Descrição	Alterado em
Amazon RDS for Oracle inclui atualizações de RU, RUR e PSU de janeiro de	Amazon RDS lançou atualizações do mecanismo de banco de dados para as versões 12.2, 18c e 19c do Oracle Database.	2 de fevereiro de 2021
O Amazon RDS for Oracle inclui a PSU de outubro de 2020 para Oracle Database 11g	O Amazon RDS for Oracle liberou atualizações do mecanismo de banco de dados para o Oracle Database 11g Enterprise Edition.	12 de dezembro de 2020
O Amazon RDS for Oracle inclui atualizações de RU, RUR e PSU de outubro de 2020	O Amazon RDS for Oracle lançou atualizações de mecanismo de banco de dados para todas as versões, exceto a 11.2. Além disso, o Amazon RDS for Oracle fornece suporte para configurar e cancelar eventos de diagnóstico do sistema usando <code>rdsadmin</code> . <code>rdsadmin_util</code> o pacote e solucionar GoldenGate e um erro usando o procedimento. <code>rdsadmin_util.truncate_apply\$_cdr_info</code>	24 de novembro de 2020
O RDS for Oracle inclui atualizações de RU, RUR e PSU de julho de 2020	O Amazon RDS for Oracle lançou atualizações de mecanismo de banco de dados em julho de 2020.	8 de agosto de 2020
RU, RUR e PSU do Amazon RDS for Oracle de abril de 2020	O Amazon RDS for Oracle lançou atualizações de mecanismo de banco de dados em abril de 2020.	13 de maio de 2020

Alteração	Descrição	Alterado em
Amazon RDS for Oracle de janeiro de 2020, RU, RUR e PSU	O Amazon RDS for Oracle lançou atualizações de mecanismo de banco de dados em janeiro de 2020.	20 de fevereiro de 2020
Amazon RDS for Oracle para RU de outubro 2019 e RUR para Oracle Database 19c	O Amazon RDS for Oracle lançou atualizações de mecanismo de banco de dados em outubro de 2019 para o Oracle Database 19c.	9 de janeiro de 2020
RU, RUR e PSU do Amazon RDS for Oracle de outubro de 2019	O Amazon RDS for Oracle lançou atualizações de mecanismo de banco de dados pra outubro de 2019.	19 de novembro de 2019
RU, RUR e PSU do Amazon RDS for Oracle de julho de 2019	O Amazon RDS for Oracle lançou a versão do mecanismo de banco de dados 12.2.0.1.ru-2019-07.rur-2019-07.r1 para oferecer suporte à atualização de release (RU) e à revisão de atualização de release (RUR) de julho de 2019. O Amazon RDS for Oracle também lançou as versões do mecanismo de banco de dados 12.1.0.2.v17 e 11.2.0.4.v21 para oferecer suporte ao Oracle Database Patch Set Update (PSU) de julho de 2019.	8 de agosto de 2019
RU, RUR e PSU do Amazon RDS for Oracle de abril de 2019	O Amazon RDS for Oracle lançou a versão do mecanismo de banco de dados 12.2.0.1.ru-2019-04.rur-2019-04.r1 para oferecer suporte à atualização de release (RU) e à revisão de atualização de release (RUR) de abril de 2019. O Amazon RDS for Oracle também lançou as versões do mecanismo de banco de dados 12.1.0.2.v16 e 11.2.0.4.v20 para dar suporte ao Oracle Database Patch Set Update (PSU) de abril de 2019.	16 de maio de 2019

Alteração	Descrição	Alterado em
RU, RUR e PSU do Amazon RDS for Oracle de janeiro de 2019	O Amazon RDS for Oracle lançou a versão do mecanismo de banco de dados 12.2.0.1.ru-2019-01.rur-2019-01.r1 para oferecer suporte à atualização de release (RU) e à revisão de atualização de release (RUR) de julho de 2019. O Amazon RDS for Oracle também lançou as versões do mecanismo de banco de dados 12.1.0.2.v15 e 11.2.0.4.v19 para oferecer suporte ao Oracle Database Patch Set Update (PSU) de janeiro de 2019.	8 de fevereiro de 2019
O Amazon RDS for Oracle com PSU de outubro de 2018	O Amazon RDS for Oracle lançou as versões do mecanismo de banco de dados 12.1.0.2.v14 e 11.2.0.4.v18 para oferecer suporte ao Oracle Database Patch Set Update (PSU) de outubro de 2018.	13 de novembro de 2018
PSU do Amazon RDS for Oracle de julho de 2018	O Amazon RDS for Oracle lançou as versões do mecanismo de banco de dados 12.1.0.2.v13 e 11.2.0.4.v17 para oferecer suporte ao Oracle Database Patch Set Update (PSU) de julho de 2018.	3 de outubro de 2018
PSU de abril de 2018 do Amazon RDS for Oracle	O Amazon RDS for Oracle lançou as versões do mecanismo de banco de dados 12.1.0.2.v12 e 11.2.0.4.v16 para dar suporte ao Oracle Database Patch Set Update (PSU) de abril de 2018.	1º de junho de 2018
Oracle PSU de janeiro de 2018	O Amazon RDS for Oracle lançou as versões do mecanismo de banco de dados 12.1.0.2.v11 e 11.2.0.4.v15 para oferecer suporte ao Oracle Database Patch Set Update (PSU) de janeiro de 2018.	22 de fevereiro de 2018
PSU de outubro de 2017 da Oracle	O Amazon RDS for Oracle lançou as versões do mecanismo de banco de dados 12.1.0.2.v10 e 11.2.0.4.v14 para oferecer suporte ao Oracle Database Patch Set Update (PSU) de outubro de 2017.	19 de dezembro de 2017

Alteração	Descrição	Alterado em
PSU de julho de 2017 da Oracle	O Amazon RDS for Oracle lançou as versões do mecanismo de banco de dados 12.1.0.2.v9 e 11.2.0.4.v13 para oferecer suporte ao Oracle Database Patch Set Update (PSU) de julho de 2017.	3 de novembro de 2017
Novo atributo	O Amazon RDS for Oracle lançou as versões do mecanismo de banco de dados 12.1.0.2.v8 e 11.2.0.4.v12 para dar suporte ao Oracle Database Patch Set Update (PSU) de abril de 2017.	23 de maio de 2017
Novo atributo	Agora, o Amazon RDS for Oracle inclui a Oracle Database Patch Set Update (PSU) de janeiro de 2017. Isso adiciona suporte para as versões do mecanismo de banco de dados 12.1.0.2.v7 e 11.2.0.4.v11.	21 de março de 2017
Novo atributo	Agora, o Amazon RDS for Oracle inclui a Oracle Database Patch Set Update (PSU) de outubro de 2016. Isso adiciona suporte para as versões do mecanismo de banco de dados Oracle 12.1.0.2.v6 e 11.2.0.4.v10.	12 de dezembro de 2016
Novo atributo	Agora, o Amazon RDS for Oracle inclui a Oracle Database Patch Set Update (PSU) de julho de 2016. Isso adiciona suporte para versões do mecanismo de banco de dados Oracle 12.1.0.2.v5, 12.1.0.1.v6 e 11.2.0.4.v9.	20 de setembro de 2016
Novo atributo	Agora, o Amazon RDS for Oracle inclui a Oracle Database Patch Set Update (PSU) de abril de 2016. Essa PSU adiciona suporte para as versões do mecanismo de banco de dados Oracle 12.1.0.2.v4, 12.1.0.1.v5 e 11.2.0.4.v8.	17 de junho de 2016

Alteração	Descrição	Alterado em
Novo atributo	Atualizado para oferecer suporte a versões de banco de dados 11.2.0.4.v7, 12.1.0.1.v4 e 12.1.0.2.v3 com as atualizações de conjuntos de patches Oracle (PSU) de janeiro de 2016.	1.º de abril de 2016
Novo atributo	Atualizado para dar suporte ao Oracle Standard Edition Two com o licenciamento Bring-Your-Own-License. Suporte também adicionado para o Oracle versões 11.2.0.4.v5, 12.1.0.1.v3 e 12.1.0.2.v2.	14 de dezembro de 2015
Novo atributo	Atualizado para oferecer suporte ao Oracle Database 12c Release 1 (12.1.0.2), incluindo a opção In-Memory , os patches de PSU de abril do Oracle Database 11g e a integração aprimorada com o CloudHSM. AWS	20 de julho de 2015
Novo atributo	Atualizado para oferecer suporte ao Oracle Database 12c.	2 de abril de 2015
Novo atributo	Atualizado para suportar a versão 11.2.0.4.v3 do Oracle Database 11g, que inclui a PSU lançada em outubro de 2014.	20 de novembro de 2014
Novo atributo	Atualizado para suportar a versão 11.2.0.4v2 do Oracle Database 11g.	16 de outubro de 2014
Novo atributo	Atualizado para oferecer suporte ao Oracle Database 11g (11.2.0.4).	23 de abril de 2014

As traduções são geradas por tradução automática. Em caso de conflito entre o conteúdo da tradução e da versão original em inglês, a versão em inglês prevalecerá.