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ORACLE DATABASE 11.2g STIG REVISION HISTORY

Version 1, Release 17

24 January 2020

Developed by Oracle and DISA for the DoD

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| REVISION HISTORY | | | |
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| Revision Number | Document Revised | Description of Change | Release Date |
| V1R17 | Oracle Database 11.2g STIG, V1R156 | - V-52345, V-52351 - Removed fix text content in check text. - V-52255, V-52257, V-52259, V-52285, V-52289, V-52293, V-52295, V-52331, V-52397, V-75031 - Updated TLS version to 1.2. | 24 January 2020 |
| V1R16 | Oracle Database 11.2g STIG, V1R15 | - V-53981 - Added check for password file permissions. | 25 October 2019 |
| V1R15 | Oracle Database 11.2g STIG, V1R14 | - V-52345 - Updated the Check and Fix. - V-52351 - Added DEFAULT profile check. - V-52237 - Updated to exclude external executables owned by SYS. - V-75031 - Corrected non-privileged accounts prefix. - V-54077 - Updated SQLNET.ALLOWED_LOGON_VERSION Parameter. | 26 July 2019 |
| V1R15 | Oracle Database 11.2g STIG Overview | - Section 1.4 updated to reflect new DoD Cyber Exchange Information | 26 July 2019 |
| V1R14 | - Oracle Database 11.2g STIG Overview | - V-52327 - Updated check to command vs SQL statement. | 27 July 2018 |
| V1R13 | - Oracle Database 11.2g STIG Overview | - Release number and date updated. | 26 January 2018 |
| V1R13 | - Oracle Database 11.2g STIG, V1R12 | - V-52141 - Made it OK not to set archive mode when databases used solely for ETL are concerned. - V-52143 - Added not-a-finding statement to Check. - V-52291 - Modified Discussion, Check, and Fix with respect to PASSWORD_GRACE_TIME. - V-52293 - Added a not-a-finding statement to Check. | 26 January 2018 |

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| Revision Number | Document Revised | Description of Change | Release Date |
| | | <ul style="list-style-type: none"> - V-52327 - Improved Check to avoid false negatives. - V-52333 - CCI updated. - V-52411 - Replaced DBA_USERS with SYS.USER\$ in Check; Deleted. Requirement has been removed from SRG. - V-52413 - Deleted. Requirement has been removed from SRG. - V-52425 - Modified to permit disabling online login rather than disabling the account, since the same account may be required both for installation and for running the DBMS. - V-54055 - Clarified "Remote Administration". - V-57615 - Changed not a finding to not applicable (NA). Removed TRUE from list of acceptable values. | |
| V1R13 | - Oracle Database 12c STIG Supplemental: Non-default sqlnet.ora configurations | - Corrected dead references. | 26 January 2018 |
| V1R12 | - Oracle Database 11.2g STIG Overview | - Release number and date updated. | 28 July 2017 |
| V1R12 | - Oracle Database 11.2g STIG, V1R11 | <ul style="list-style-type: none"> - Release number and date updated. - V-52159 - Linked requirement to a second CCI. - V-52361, V-52469 - Modified wording to acknowledge the limits of auditing the disabling of accounts. - V-53967 - Modified rule title to make the requirement compatible with cloud computing. - V-54003 - Modified wording to require obfuscation before data transfer, rather than after. - V-75031 - Replaces V-52261, which was accidentally deleted. | 28 July 2017 |

| REVISION HISTORY | | | |
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| V1R11 | - Oracle Database 11.2g STIG Overview | - Release number and date updated. | 28 April 2017 |
| V1R11 | - Oracle Database 11.2g STIG, V1R10 | <ul style="list-style-type: none"> - Release number and date updated. - V-52379 - Check: provided more detail on how to review user privileges to system tables and configuration data stored in the database. - V-52387 - Check: provided more detail on how to review permissions for objects owned by DBA or other administrative accounts. - V-52393 - Check: provided more detail on how to review access permissions for objects owned by application owners or other non-administrative users. - V-52399 - Check: provided more detail on how to validate that OS accounts used by the DBMS have only the privileges necessary to perform the required functionality. - V-52163 - Check: reworded text on checking if real-time alerts are being sent upon auditing failure. Discussion and Fix: Added mention of Oracle Enterprise Manager. - V-52167 - Check: removed reference to "DBMS," as the required functionality is not part of Oracle Database, and must be sourced externally. Fix: Added mention of Oracle Enterprise Manager. - V-52171 - Reworded Rule Title, Discussion, Check, and Fix to acknowledge that audit trail reduction is not provided by Oracle and must be sourced externally. - V-52245 - Rule Title: Modified to make clear that this is a requirement that backups must actually be done. Check: added mention of V\$RMAN_STATUS view. - V-52141 - Check: provided more detail on how to check DBMS settings to determine whether system state information is being preserved in the event of a system failure. - V-53967 - Severity lowered to Category III. | 28 April 2017 |

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| | | <ul style="list-style-type: none"> - V-54017 - Check query modified to achieve the desired result of excluding accounts which only own synonyms. - V-54053 - Non-SRG requirement removed. Oracle informs us that there is really no way to do this using Oracle's technical features. - V-54035 - Non-SRG requirement removed. | |
| V1R10 | - Oracle Database 11.2g STIG Overview | - Release number and date updated. | 27 January 2017 |
| V1R10 | - Oracle Database 11.2g STIG, V1R9 | <ul style="list-style-type: none"> - Release number and date updated. - V-52305, V-52303 - Reworded Discussion: the discretion of the information owner is bounded by the applicable rules, policies, and law. - V-52139 - Deleted. Oracle inherently meets this requirement. - V-52203 - Check: improved query. - V-52207, V-52439 - Requirement for USG warning banner removed, for consistency with current Database SRG and other DBMS product STIGs. - V-52231 - Changes to Check, for clarity. Deleted Account Status from the list of demo accounts. Changed layout of the list. Some additional wording changes. - V-52243 - Deleted. Oracle inherently meets this requirement. - V-52265, V-52267, V-52333 - Check: wording added to emphasize that the parameters and values shown are examples, not mandatory in all cases. - V-54077 - Minimum logon version changed from 10 to 11. | 27 January 2017 |
| V1R9 | - Oracle Database 11.2g STIG Overview | - Release number and date updated. | 28 October 2016 |
| V1R9 | - Oracle Database 11.2g | <ul style="list-style-type: none"> - Release number and date updated. - V-52145, V-52211 - Added warning: Do not attempt to encrypt SYSTEM table space. | 28 October 2016 |

| REVISION HISTORY | | | |
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| Revision Number | Document Revised | Description of Change | Release Date |
| | STIG, V1R8 | <ul style="list-style-type: none"> - V-52165, V-52177, V-52181, V-52217, V-52289, V-52395, V-52465 - Added acknowledgment that DBA may have limited scope to address the issue, and advice on how to proceed. - V-52237 - Check modified for better alignment with requirement. - V-53983, V-53987, V-53989, V-53995, V-54011, V-54017 - Check revised to avoid false positives and false negatives. - V-53999 - Corrected reference to Oracle documentation. - V-52135, V-52207, V-52211, V-52217, V-52255, V-52257, V-52259, V-52261, V-52265, V-52267, V-52285, V-52289, V-52293, V-52295, V-52331, V-52333, V-52397, V-52439, V-54047, V-54077 - Modified mention of location of sqlnet.ora. - V-52351 - Reworded to remove conflict with V-52407. Added finding statement to Check. | |
| V1R8 | - Oracle Database 11.2g STIG Overview | - Release number and date updated. | 22 July 2016 |
| V1R8 | - Oracle Database 11.2g STIG, V1R7 | <ul style="list-style-type: none"> - Release number and date updated. - V-52145 - Removed encryption exception where physical protection in effect. - V-52203 - New Check query. Rule Title reworded. - V-52217 - Modified wording in Fix, for clarity. - V-52221 - Reworded for better alignment of Requirement, Discussion, Check, and Fix. - V-52223 - Removed mention of "Definer's rights," as it distracted from the core of the Requirement. - V-52231 - Modified Check query to reduce false positives; added NA statement. - V-52233 - Reference to V\$OPTION changed to refer to DBA_REGISTRY. - V-52235 - Check and Fix text and code modified to be more specific to the issue. | 22 July 2016 |

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| | | <ul style="list-style-type: none"> - V-52255 - Sample code modified with respect to SHA version. - V-52257 - Sample code modified with respect to SHA version. - V-52259 - Sample code modified with respect to SHA version. - V-52261 - Sample code modified with respect to SHA version. - V-52265 - Sample code modified with respect to SHA version. Lines reordered for clarity. - V-52267 - Sample code modified with respect to SHA version. Lines reordered for clarity. - V-52269 - Reworded requirement, check and fix for clarity and brevity. CCI added. - V-52331 - "Not a finding" statement added to beginning of Check. - V-52333 - Sample code modified with respect to SHA version. Lines reordered for clarity. - V-52349 - Check reworded to be more specific; Requirement statement and Fix text modified slightly. - V-52353 - Reworded check for clarity. - V-52355 - Deleted: duplicate of V-52269. - V-52383 - New Check query. Vulnerability Discussion slightly reworded. - V-52427 - Clarified; split into two requirements - V-54009 - Queries added to Check and Fix to look for and set default values. - V-54011 - Check modified for more accurate results. - V-54049 - Redundant requirement deleted. - V-54055 - Added mention of VPN to Check and Fix. - V-54069 - Reworded to clarify that Oracle Label Security is an option, not mandatory. - V-57615 - Reworded Check: not a finding if audit records go directly to an audit server. - V-68861 - Split off from V-52427. | |
| V1R7 | - Oracle Database | - Release number and date updated. | 22 April 2016 |

| REVISION HISTORY | | | |
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| | 11.2g STIG Overview | | |
| V1R7 | - Oracle Database 11.2g STIG, V1R6 | <ul style="list-style-type: none"> - V-52217 - Configuration parameter name corrected. - V-52339 - Requirement deleted. - V-52341 - Requirement deleted. - V-52343 - Requirement deleted. - V-53971 - Query corrected. - V-53981 - Query corrected. - V-53999 - Reworded for clarity. - V-54053 - Reworded to accommodate practical limitations. - V-54069 - Reworded for clarity. - V-60141 - Reworded for clarity. | 22 April 2016 |
| V1R6 | - Oracle Database 11.2g STIG Overview | <ul style="list-style-type: none"> - Release number and date updated. - Added Section 1.8, Product Approval Disclaimer. | 22 January 2016 |
| V1R6 | - Oracle Database 11.2g STIG, V1R5 | <ul style="list-style-type: none"> - V-52187, V-52191, V-52195, V-52199. - Reworded for clarity. - V-52307 - Removed reference to in-band management; updated code sample. - V- 52357 - Check query modified. - V-52411, V-53281 - Permit exception for SYS. - V- 53991 - Fixed bad character in UNIX command. | 22 January 2016 |
| V1R5 | - Oracle Database 11.2g STIG Overview | <ul style="list-style-type: none"> - Release number and date updated. | 23 October 2015 |
| V1R5 | - Oracle Database 11.2g STIG, V1R4 | <ul style="list-style-type: none"> - V-52137 - Reworded for clarity and specificity. - V-52179 - Reworded for clarity. - V-52227 - Reworded for specificity. - V-52273 - Reworded for clarity. - V-52289 - Reworded for clarity. - V-52305 - Reversed earlier changes that should not have been included for this release of Oracle. - V-52407 - Corrected CCI reference. - V-53995 - Syntax error corrected. - V-53997 - Reworded for clarity. | 23 October 2015 |

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| | | <ul style="list-style-type: none"> - V-53999 - Reworded to allow for exceptions when the job is created by Oracle itself. - V-54073 - Reworded for clarity. | |
| V1R4 | - Oracle Database 11.2g STIG, V1R3 | <ul style="list-style-type: none"> - V-52125 - Reworded to be more specific. - V-52149 - Modified wording. - V-52207 - Modified wording to acknowledge Oracle's size limitation for banner. - V-52217 - Reworded for clarity. - V-52223 - Reworded. - V-52233 - Check modified. - V-52235 - Check modified. - V-52237 - Rule title modified. - V-52255 - Updated to reflect currently required TLS/SSL version. - V-52255 - Check and Fix reworded. - V-52257 - Updated to reflect currently required TLS/SSL version. - V-52257 - Check and Fix reworded. - V-52259 - Updated to reflect currently required TLS/SSL version. - V-52259 - Check and Fix reworded. - V-52261 - Updated to reflect currently required TLS/SSL version. - V-52261 - Check and Fix reworded. - V-52265 - Discussion and Check reworded. - V-52265 - Check and Fix reworded. - V-52267 - Discussion and Check reworded. - V-52267 - Check and Fix reworded. - V-52285 - Updated to reflect currently required TLS/SSL version. - V-52289 - Updated to reflect currently required TLS/SSL version. - V-52291 - Added guidance on exceptions to the rule. - V-52293 - Updated to reflect currently required TLS/SSL version. - V-52293 - Check and Fix reworded. - V-52295 - Updated to reflect currently required TLS/SSL version. - V-52295 - Check reworded. - V-52297 - Check and Fix reworded. - V-52305 - Reworded for clarity. | 24 July 2015 |

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| Revision Number | Document Revised | Description of Change | Release Date |
| | | <ul style="list-style-type: none"> - V-52329 - Reworded to allow for system restrictions on password change for XS\$NULL. - V-52331 - Updated to reflect currently required TLS/SSL version. - V-52331 - Check and Fix reworded. - V-52339 - Check reworded. - V-52341 - Check reworded. - V-52343 - Check reworded. - V-52351 - Modified wording. - V-52353 - Modified wording. - V-52389 - Reworded for clarity. - V-52397 - Updated to reflect currently required TLS/SSL version. - V-52407 - Removed erroneous mitigation. - V-52439 - Modified wording to acknowledge Oracle's size limitation for banner. - V-52443 - Deleted - duplicate of V-52207. - V-53997 - Fix reworded. - V-54067 - Check reworded. - V-59855 - Requirement split off from V-52389. - V-60141 - Requirement added. | |
| V1R4 | - Oracle Database 11.2g STIG Overview | - Added section 1.7. | 24 July 2015 |
| V1R3 | - Oracle Database 11.2g STIG, V1R2 | <ul style="list-style-type: none"> - V-52283 - Reworded for clarity. - V-52379 - Wording and code changed for clarity and accuracy. - V-52431 - Reworded for clarity. - V-52435 - Reworded for clarity. - V-53979 - Reference to parameter sql92_security corrected. - V-53983 - Reworded for clarity. - V-52333 - Recommended settings modified for FIPS 140-2 compliance. - V-52339 - Recommended settings modified for FIPS 140-2 compliance. - V-52341 - Recommended settings modified for FIPS 140-2 compliance. - V-52343 - Recommended settings modified for FIPS 140-2 compliance. | 24 April 2015 |

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| | | <ul style="list-style-type: none"> - V-57617 - Removed. Duplicate of V-53967. - V-57619 - Removed. Duplicate of V-53969. | |
| V1R3 | - Oracle Database 11.2g STIG Overview | <ul style="list-style-type: none"> - Modified references to "DISA FSO" to reflect DISA reorganization. - Updated document release number and date. - Updated STIG support desk email address. | 24 April 2015 |
| V1R2 | - Oracle Database 11.2g STIG, V1R1 | <ul style="list-style-type: none"> - Modified Check Content and Fix Text to allow for OS-based audit logging, in each of: V-52151, V-52155, V-52195, V-52199, V-52211, V-52215, V-52229, V-52345, V-52357, V-52359, V-52361, V-52363, V-52463, V-52465, V-52471, V-52473, V-52475, V-52477, V-52479. - V-52217 - Removed instructions to set Listener password and change the TNS port number, because they conflict with DoD requirements. - V-52309 - Reworded for clarity. - V-52337 - Modified the definition of maximum logins per user. - V-52463 - Added DoD list of auditable events to Discussion. - V-53989 - Corrected the STIG ID in a reference to another requirement. - V-54037 - Removed. - V-52469 - Provided definition of the "DoD-selected list of auditable events." - V-57615 - Added. - V-57617 - Added. - V-54039 - Added. | 23 January 2015 |