ConfigNOW 4.3

Release Notes

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1 ConfigNOW 4.X Release Notes Overview

This document provides specific information regarding the current release of ConfigNOW 4.3 Information on each release is separated into three categories:

- New Features – lists new features and functionality
- Fixes – lists specific issues resolved in this release
- Known Issues – lists issues that have been identified but not resolved in this release.

1.1 Supported platforms:

Unless otherwise stated explicitly, ConfigNOW is supported on the following platform and middleware versions.

Operating System: Windows 7+, Centos versions 6+ or equivalent Red Hat Linux version.

Java Platforms:

Oracle Fusion Middleware (OFM)
http://www.oracle.com/technetwork/middleware/ias/downloads/fusion-certification-100350.html

Red Hat
JBoss EAP: https://access.redhat.com/articles/2026253
JBoss A-MQ/Fuse: https://access.redhat.com/articles/310613

Apache
Tomcat: http://tomcat.apache.org/whichversion.html

1.2 Open Source Licence & Subscriptions

ConfigNOW Community Edition is available under an open source licence, free for up to 3 environments (domains).

If you are intending to use ConfigNOW for more than 3 environments, your organisation will require ConfgiNOW Enterprise Edition. Please contact us by email product@integraltech.com.au for subscription pricing, training and support options for ConfigNOW Enterprise Edition. ConfigNOW Enterprise Eidtion also includes the ConfigNOW GUI interface which also provides an additional Security Module.

2 ConfigNOW 4.3 Release Notes

ConfigNOW version 4.3 provides backwards compatibility with Oracle FMW 12.2.x and all prior versions and also combines the 4.2 and 4.1 (RC8) code lines into a single master code line. Version 4.3 will provide the baseline for all future versions of ConfigNOW.

We have also taken the major step of including all Extensions as part of the core open source release of ConfigNOW. This is to encourage use of the product and provide better capability to the community. In doing so, we have provided support for Red Hat JBoss EAP and A-MQ/Fuse, as well as Apache Tomcat in this release.

2.1.1 New Features

- ConfigNOW now supports Oracle Fusion middleware versions 12.2.x on both Windows and Linux platforms and includes compete backwards compatibility with versions 12.1.3 and prior.

- Support for Red Hat's JBoss EAP and A-MQ/Fuse as well as ApacheTomcat are now available as part of the core v4.3 release. This support was previously only available upon request as Extensions.

2.1.2 Fixes

Minor fixes to a few identified backwards compatibility issues identified in ConfigNOW 4.2

2.1.3 Known Issues

None.

3 ConfigNOW 4.2 Release Notes

ConfigNOW 4.2 is an interim release to include Oracle FMW 12.2.x version and also the Red Hat extension modules are now included as part of core package. Main focus of this release is to introduce support for Oracle FMW 12.2 version due to considerable changes in the WLST functionality as of this version, this release is only focused at support for this version and ensuring backwards compatibility has been put off for next release.

3.1.1 New Features

- ConfigNOW now supports Oracle Fusion middleware versions 12.2.x on both Windows and Linux platforms.

- ConfigNOW now ships with JBoss EAP, Fuse, Active MQ and Tomcat support out of the box as of this version.

- ConfigNOW now has a new command validate_config

3.1.2 Fixes

Documentation updates related to this release.

3.1.3 Known Issues

Although care has been taken not to break backwards compatibility with Oracle FMW releases 12.1.3 and before, this version is mainly intended for customers interested in Oracle FMW 12.2.X version and/or other extension modules as listed above. Please note that if you are still on Oracle FMW 12.1.3 or before, you are advised to stick to ConfigNOW 4.1.8 for best performance.

4 ConfigNOW 4.1 (RC8) Release Notes

- ConfigNOW 4.1.8 is a major mile stone in the way that the Command Line version of ConfigNOW is now available under opensource licence. You can download the engine from this GitHub location – https://github.com/Integral-Technology-Solutions/ConfigNOW
- Integral also offers a fully supported commercial version of ConfigNOW, with no licence or royalty fees, as per the open source model. Integral, like other open source vendors, offers the fully supported commercial version for the modest cost of annual support & maintenance fees, on a per server (node, CPU, core, VM) basis or an enterprise licence to allow for unlimited use."
- ConfigNOW GUI is also available under Commercial licence.
- Any related enquiries can be sent to product@integraltech.com.au or speak to one of our product team members at 1300 305 089 or +61 7 3839 1477
- ConfigNOW is supported on Windows 7+ versions and RHEL 6.5 versions and thereafter.
- Integral also provides additional Extensions such as JBoss EAP, Fuse, Tomcat support modules upon request. If interested in any of these extension modules please contact us as above.

4.1.1 New Features

- ConfigNOW now supports Oracle Fusion middleware versions up to and including 12.1.3 on both Windows and Linux platforms.
- ConfigNOW now supports patching of an Oracle home via oPatch_XXX commands
- ConfigNOW now has a new command config_diff
- ConfigNOW engine is now available as GITHUB repository under open source licence

4.1.2 Fixes

Documentation updates related to this release

4.1.3 Known Issues

ConfigNOW extension modules are not included as part of this release and will be available upon request. We intend to phase them into the core module as part of our future releases.

4.1.4 Extensions

5 Previous ConfigNOW Versions

This section provides Release Notes for previous ConfigNOW versions which were not provided as open source software (ie previously provided as a closed source Perpetual License). These release notes are simply kept here for historical reasons, in case they are of interest to the community.

5.1 ConfigNOW 4.1 (RC4) Release Notes

5.1.1 New Features

ConfigNOW now hides passwords when they are entered interactively by a user.

5.1.2 Fixes

The following bugs have been fixed as part of this release.

- [CONFIGNOW-14] – run_rcu command now completes execution correctly, allowing RCU tasks to be automated reliably.
- [CONFIGNOW-163] – the wls.admin.log.custom and wls.admin.httplog.enable properties now behave correctly.
- [CONFIGNOW-179] – An issue with loading the simple.properties properties file out of the box has now been resolved.
- [CONFIGNOW-201] – the Properties Reference has now been updated to document

5.1.3 Known Issues

- Creating an OSB 10gR3 domain via ConfigNOW is currently unsupported. The workaround for this is to create required domains manually.

5.2 ConfigNOW 4.1 (RC3) Release Notes

5.2.1 New Features

No new functionality is provided as part of this release.

5.2.2 Fixes

The following bugs have been fixed as part of this release.

- [CONFIGNOW-138] - Commands reliant on the ConfigNOW.home property (such as install_weblogic) will now work without specifying an environment and configuration.
- [CONFIGNOW-137] - All commands which connect to a running WebLogic Server instance will fail on first attempt if an authentication error is returned
- [CONFIGNOW-106] – No error message is displayed for the deploy_osb_config command when Oracle Service Bus is unavailable
- [CONFIGNOW-93] – ConfigNOW will check the version of Java in use at launch, and warn for unsupported versions
- [CONFIGNOW-84] – The install_weblogic command now displays a more specific error message on failing to install
- [CONFIGNOW-76] – install_soa_suite command now performs version-specific validation on the files provided.
- [CONFIGNOW-12] – Required parameters for commands implemented as Ant build scripts are now enforced
- [CONFIGNOW-10] – start_wls_admin command now verifies whether a process using the same port as the admin server for a domain is the admin server for that domain
- [CONFIGNOW-4] – Clear text password values are no longer displayed in ConfigNOW log files

5.2.3 Known Issues

- run_rcu command does not close on completion. The workaround for this is to manually kill the process, once RCU reports back saying the task (either create repository/drop repository) is finished.
- create_domain command should always be executed from a clean environment, as this has been observed to behave inconsistently if a different version of weblogic.jar has been set in classpath previously.
- Creating an OSB 10gR3 domain via ConfigNOW is currently unsupported. The workaround for this is to create required domains manually. A fix for this issue is underway for the RC4 release.

5.3 ConfigNOW 4.1 (RC2) Release Notes

5.3.1 New Features

- Extended support for property inheritance, properties can now be inherited at the property level as well as at the file level
- Show Config Lineage command shows the full data lineage of the properties including where they have inherited from
- Patches included to support SOA Suite 11.1.1.5 and 11.1.1.6

The following improvements have also been made to this release.

- [CONFIGNOW-40] - help command displays confusing information if a parameter is provided
- [CONFIGNOW-44] - Review ConfigNOW codebase for references to wls.bea.home
- [CONFIGNOW-46] - password_encryptor should have a test case for failing to write to a read only file
- [CONFIGNOW-54] - Document all Types of Configuration Properties
- [CONFIGNOW-55] - Documentation for next release should include section for each command
- [CONFIGNOW-60] - Command to shut down any running servers inside an existing domain
- [CONFIGNOW-68] - Ability to assign work to development cycles and get visibility on suitability
- [CONFIGNOW-89] - run_rcu should not set a default schema prefix
- [CONFIGNOW-99] - Improve error for missing properties when installing OSB 11g
- [CONFIGNOW-94] - Support deploying OSB applications
- [CONFIGNOW-98] - Enabling configuration archiving as part of domain creation
- [CONFIGNOW-99] - Improve error for missing properties when installing OSB 11g
- [CONFIGNOW-101] - Merge the OSB deploy functionality in to ConfigNOW
- [CONFIGNOW-102] - Merge in the enhanced inheritance and data_linage and CONFIGNOW properties
- [CONFIGNOW-108] - Rename show_config_linage to show_config_lineage

5.3.2 Fixes

The following bugs have been fixed as part of this release.

- [CONFIGNOW-2] - Creating a SOA Suite domain using standard properties files does not work out of the box
- [CONFIGNOW-3] - Cannot install SOA Suite 11.1.1.5 correctly. Mike has done this at Griffith, so only a few modifications are required
- [CONFIGNOW-9] - jdbc_offline tries to assign the JDBC resource to original managed server name instead of the new name(as in case of replace.name property is applied for a managed server instance)
- [CONFIGNOW-11] - install_weblogic command assumes that we are on 64 bit architecture , if it is non-windows OS, and hence failing if it is a 32 bit OS (32 bit Linux for instance)
- [CONFIGNOW-13] - install_osb (install OSB 11g) command appears broken
- [CONFIGNOW-15] - boot.properties not created for managed server in SOA Suite domain
- [CONFIGNOW-66] - The SOA response file (soaSuite.rsp) is receiving a null when attempting to set variable ORACLE_HOME
- [CONFIGNOW-91] - ConfigNOW4.1 RC1 OSB template files are failing to be used for RCU creation for OSB damain
- [CONFIGNOW-133] - ConfigNOW property changes break password_encrypter

- [CONFIGNOW-134] - password_decrypter not using password values loaded via inheritance

5.3.3 Known Issues

- Run_rcu command does not close on completion. The work around for this is to manually kill the process, once RCU reports back saying the task (either create repository/drop repository) is finished.
- Install_soa_suite command will expect 2 parts of zip files via "soa.suite.install.part1.zip" and "soa.suite.install.part2.zip" file parameters even in case of SOA Suite 11.1.1.2.0 and 11.1.1.3.0 versions. The work around for this issue is to extract the zip files manually and then supplying them via "soa.suite.install.dir" property.This behaviour is correct in case of later versions.
- Create_domain command should always be executed from a clean environment, as this has been observed to behave inconsistently if a different version of weblogic.jar has been set in classpath previously.
- deploy_osb_config command fails with error "deploy_osb_config.py could not be processed: exceptions.ImportError"

5.4 ConfigNOW 4.1 (RC1) Release Notes

5.4.1 New Features

- run_rcu command now supports Drop Repository option along with Create Repository
- Password Encryption is now intelligent enough to track the password properties all the way up in the template hierarchy and encrypting all of them.
- ConfigNOW can now create a domain extending both SOA and OSB simultaneously.

5.4.2 Fixes

- Configure_domain command now does not fail if run simultaneously.
- Create_domain command does not fail if wls.domain.name property is not set. Instead it will now alert the user saying that its a required property.
- Documentation updates to reflect recent changes to different properties.
- Create_domain command now does not fail when REPLACE environment variable is previously set.
- Password decryption does not fail if the property is being referenced by another property.
- Setting a property without a value (such as –Dproperty=) will now alert the user, instead if entering into "indexOutofBoundsException" as before.

5.4.3 Known Issues

- Run_rcu command does not close on completion. The work around for this is to manually kill the process, once RCU reports back saying the task(either create repository/drop repository) is finished.
- Install_soa_suite command will expect 2 parts of zip files via "soa.suite.install.part1.zip" and "soa.suite.install.part2.zip" file parameters even in case of SOA Suite 11.1.1.2.0 and 11.1.1.3.0 versions. The work around for this issue is to extract the zip files manually and then supplying them via "soa.suite.install.dir" property. This behaviour is correct in case of later versions.
- Create_domain command should always be executed from a clean environment, as this has been observed to behave inconsistently if a different version of weblogic.jar has been set in classpath previously