

# CONTINUITY ENGINE 2021

## NEW IMPROVEMENTS AND FEATURES

For more than 20 years, Neverfail has been providing world-class business continuity and disaster recovery software to over fifty thousand direct customers in over sixty countries. In doing so, Continuity Engine provides a very unique technology that focuses on the best of clustering, data replication and protection all brought together with a “true” application aware automatic failover. And as such, our list of partners continues to grow worldwide as do our integration partners.

Tens of thousands of deployments of Continuity Engine have proven that Continuous Availability with Application Aware Failover is truly the right approach for protecting the most mission critical Windows applications. Now in our 20th year, we are announcing the availability Continuity Engine 2021 (version 9.0). This attests to not only the maturity of the product but this demonstrates this is the most advanced Continuity Engine ever and still has a very unique value proposition.

With the end of life for Adobe Flash, Neverfail has redesigned the entire user experience end to end. This replaces the Engine Management Service (EMS) user interface based on Flash with an all new HTML5 user experience. Everything has been rethought from how users deploy Continuity Engine to how you configure advanced features like split-brain avoidance and auto-failover rules. There are also small usability improvements like dot masks for IP address configurations.

We have made the UI a repository for all kinds of information you would need to know about protected applications, starting with a new dashboard, robust tool-tips, animated icons, and redesigned online help that gives you “HOW-TO” examples of how to use major features of Continuity Engine. There is also a best practices built into the online help.

We have also doubled the performance of the UI and refresh rates have improved substantially. Finally we designed it with a very pleasing color scheme that is bright, bold but easy on the eye.

## KEY NEW FEATURES

- Web Services Improvements:
  - New functionality for enabling new HTML5 UI and new licensing model integration.
  - APIs that capture proprietary and OEM sponsor plugins application information into Engine shared data model to be synchronized with the Engine License Service (ELS).
  - EMS telemetry feature: fetches managed servers configuration data and sends it daily to ELS.
- All New HTML UI/UX:
  - All features from Adobe Flash based UI are now ported and new additional features were added.
  - Changed/improved UX:
    - Dashboard, server list with aggregated health status.
    - Virtual machine inventory view.
    - Simplified server protection (directly from inventory).
    - Unified deployment flow for standby servers:
      - › Add a new standby server(s) for HA, DR and Tertiary.

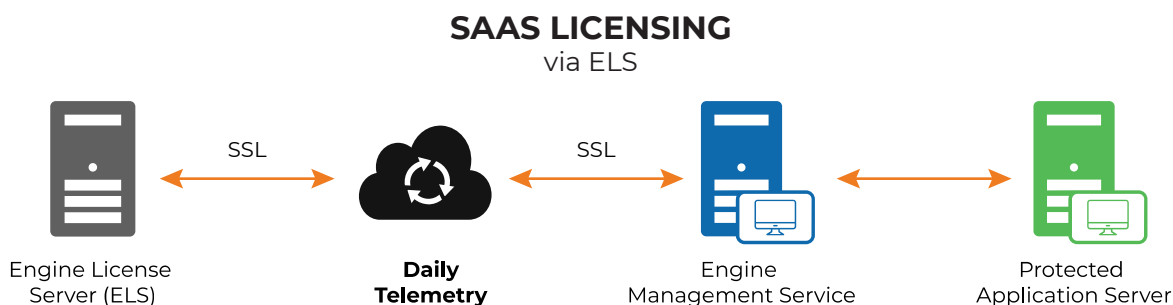
- › Reconstruct broken cluster if a standby server(s) is missing or corrupted.
- › Reconfigure the cluster configuration from a HA or DR pair to Tertiary including where its hosted.
- New summary status of protected server including COZEN configuration.
- A visual replication chain representation for the protected server.
- New monitoring view enabling status and configuration for automated failover, data loss avoidance, split brain avoidance, false failover avoidance, active server isolation.
- New protected applications configuration.
- New graph representation of data statistics (traffic, queues, WAM compression).
- New fast-check, orphaned files and control shutdown configuration features.
- New disable all rules feature or sponsor rules within the rules tab.
- Localization framework: English, Chinese: Simplified & Traditional, Spanish & Romanian.
- New Engine Licensing Server (ELS) integration.
- Google Cloud Platform Support.
- Microsoft Windows 10 Support.
- Access to how-to video tutorials from EMS UI

### New or Updated Plugins

- Oracle 11g
- Apache Tomcat
- Progress MOVEit 2020.0

## NEW SOFTWARE LICENSING MODEL

New in Continuity Engine 2021 is a new licensing model that transitions Engine from a perpetual model to a (SaaS) term and rental model. A new Engine Licensing Service (ELS) was introduced to enable call-home features that power our SaaS based licensing. The new cloud service is free but is required for Term and Rental deployments. For more information on how the licensing works, please read the following KB article: [Continuity Engine Licensing Model](#).



The Engine Management Service provides the mechanism to securely communicate with the ELS via SSL and transfer hardware signatures to the ELS to generate licenses. Then the EMS delivers a node locked key to the EMS and it automatically assigns that license to the protected application server. Then daily it sends Neverfail telemetry information describing the current state of the license.

In the near future, ELS will be able to alert Neverfail proactively when licenses are broken or become invalid for some reason. This will allow Neverfail Support to open tickets automatically and respond very quickly to ensure your investment in Continuity Engine provides value to your organization. Neverfail will also soon have an fully automated process for regenerating license keys if a customer decides to continue to renew its SaaS license yearly.

## NEVERFAIL EXTRANET END OF LIFE

The new ELS is providing a replacement for the process that was traditionally handled by the Neverfail extranet. The extranet generated licenses but is now being decommissioned. So if you are an existing customer of Neverfail, January 1st 2021 the extranet will no longer be available. You will be able to open tickets, get access to KBs, download software and documentation from [support.neverfail.com](https://support.neverfail.com). Offline activations of new term/rental or existing perpetual licenses will be handled via a support ticket at [support@neverfail.com](mailto:support@neverfail.com).

## NEW FEATURES NOT SUPPORTED WITH CONTINUITY ENGINE V8.

- No Server Monitoring features. This is new in Engine 9.0 and exposes Failover/ Split-brain avoidance / Isolation / Network Monitoring functionality.
- Access to unified deployment workflow which includes:
  - Add Standby Servers.
  - Reconstruct Standby Servers.
  - Reconfigure Standby Servers.
- Access to the new licensing service (ELS).
- Benefits from all the 100's of software fixes and performance improvements.

## FAQ

1. **Will the HTML5 UI work with my Engine 8.0/8.5 deployments for I don't have to use FLASH?** Yes, but some features as mentioned above will be disabled as they are exclusive to Continuity Engine 2021. However, you will get popup messages asking you to upgrade.
2. **If I upgrade to Continuity Engine 2021, will my perpetual license cease?** Yes, you are accepting SaaS license requirements outlined in the new EULA for Term and Rental. Neverfail will generate new license authorizations for your current deployment. This means you will need to pay for support to continue software operations yearly or monthly depending on the type of license. Please read carefully the KB article mentioned above.
3. **Can I upgrade using the Upgrade Wizard from 6.7 to Continuity Engine 2021?** Yes, the upgrade wizard is still supported. Keep in mind that Continuity Engine 6.7 and 7.0 are currently End-of-Life (EOL). To ensure our organization continued support, we would encourage you to upgrade to the latest version.
4. **Will Continuity Engine 8.0 and 8.5 EOL soon?** Continuity Engine 8.0 will most likely EOL sometime in 2021 but v8.5 will be supported for the foreseeable future.
5. **Can I stay on previous versions of Continuity Engine?** Yes, however, previous versions will eventually EOL and you will not be able to take full advantage of the new features of Continuity Engine 2021.
6. **Can I stay on Engine 8.5 EMS?** Yes, but it will not be supported as of January 1st, 2021 due to Adobe Flash EOL.

## ABOUT NEVERFAIL

Neverfail enables businesses to achieve 100% uptime through the world's most resilient business continuity and secondary storage solutions. Made for mission-critical businesses, Neverfail solutions mitigate the risk of downtime in the face of any potential outage. By delivering seamless business continuity, we empower our partners and clients to realize their full potential without the risk of downtime.



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