Redjack

Redjack for BCDR Planning
Evidence-based proof for effective business continuity & disaster recovery planning

In today's digital landscape, businesses face an ever-increasing threat from cyberattacks, necessitating that they have a robust BCDR (business continuity & disaster recovery) plan in place. Business continuity and disaster recovery are two separate but closely related concepts. They are integral components of cyber resilience, working together to ensure an organization's ability to withstand and recover from cyberattacks or other disruptions.

With the average cost of a data breach reaching an all-time high of USD 4.45 million in 2023, a 2.3% increase from the previous year (IBM Cost of a Data Breach Report 2023), the stakes have never been higher. Lost business costs, including disruptions and revenue losses from system downtime as well as reputation damage, average a total of USD 1.30 million in 2023 (IBM Cost of a Data Breach Report 2023), highlighting the critical need for a comprehensive resilience strategy.

BCDR requires a proactive and holistic approach encompassing people, processes, and technology, and a comprehensive strategy that considers the entire business ecosystem.

Highlights

- BCDR plans are essential for maintaining business continuity and facilitating rapid recovery.

- BCDR plans require a proactive, holistic approach that covers your entire infrastructure.

- Effective BCDR strategies involve continuous asset discovery, mapping asset dependencies, and aligning IT assets with critical business functions.

- Asset resilience and criticality scores enable effective BCDR planning.

- Benefit from comprehensive visibility into all connected assets, including third-party systems.

Redjack helps us make great decisions by analyzing the past, understanding the present, and predicting the future. "

—Fortune 50 CRO

However, to effectively maintain operations in the face of disruption, you need more than just reference documents from interviews conducted months or even years ago—you need a source of objective data that is continuously updated. You need a solution that has already discovered every asset in your infrastructure and maintains an up-to-date mapping of assets, dependencies, and how they support your critical business functions. And, you need a solution that is in place before a disruption happens. Trying to do this after an attack has started is too late.

How does it work?

Redjack revolutionizes asset inventory by adopting a business function perspective. It works by deploying lightweight sensors across your IT infrastructure, including cloud, container, and on-premises environments. These sensors analyze communication patterns and device behavior, enabling comprehensive asset discovery and gathering detailed dependency data. The platform aligns assets with your critical business functions, shifting your focus from IT-centric asset management to a business-centric perspective. Redjack prioritizes assets based on their resilience and criticality, facilitating rapid recovery and business continuity planning. By continuously monitoring changes in the IT environment, Redjack ensures decision-makers have the real-time insight they need for informed, timely decisions, ultimately enhancing organizational resilience and reducing risk.

Superior Asset Visibility

The asset inventory is dynamically updated in real-time for both internal and external assets whether in the cloud, on-premises, or containers.

Build Effective Cyber Resilience

AI-enabled critical business function and asset mapping, based on observed behavior, helps you prioritize your security efforts and allocate resources accordingly.

Spot Risks

Identify dependencies, unsecured assets, shadow IT, and other risks and prioritize them based on business impact.

Lightweight & Massively Scalable

Built for the enterprise it is massively scalable, quick to deploy, has a minimal footprint, and supports complex and evolving hybrid environments.

Product Features

Comprehensive asset discovery

Redjack sensors support various environments including cloud (Microsoft Azure, AWS, GCP), hybrid, on-premises, and containers such as Kubernetes and VMware. Once deployed, they efficiently collect communication data to identify assets and their dependencies, eliminating the need for manual asset discovery.

Identify asset resilience & criticality

The Redjack platform assigns a resilience score and a criticality score to assets and business functions to assess their importance and understand their potential business impact in case of downtime.

The resilience score measures how difficult it is to access an asset (isolation), how easy it is to compromise once reached (hardness), and how well the network would continue to function if the asset goes down (redundancy). You can improve the resilience score of the assets in your network by putting mitigation strategies into place.

The criticality score assesses the importance of an asset to the overall business function. Assets with high criticality and low resilience scores should be prioritized in disaster recovery, patch management, triage planning, and other business continuity-related planning exercises.

Discover third-party connections

The Redjack platform identifies everything that communicates with your environment, including third-party systems.
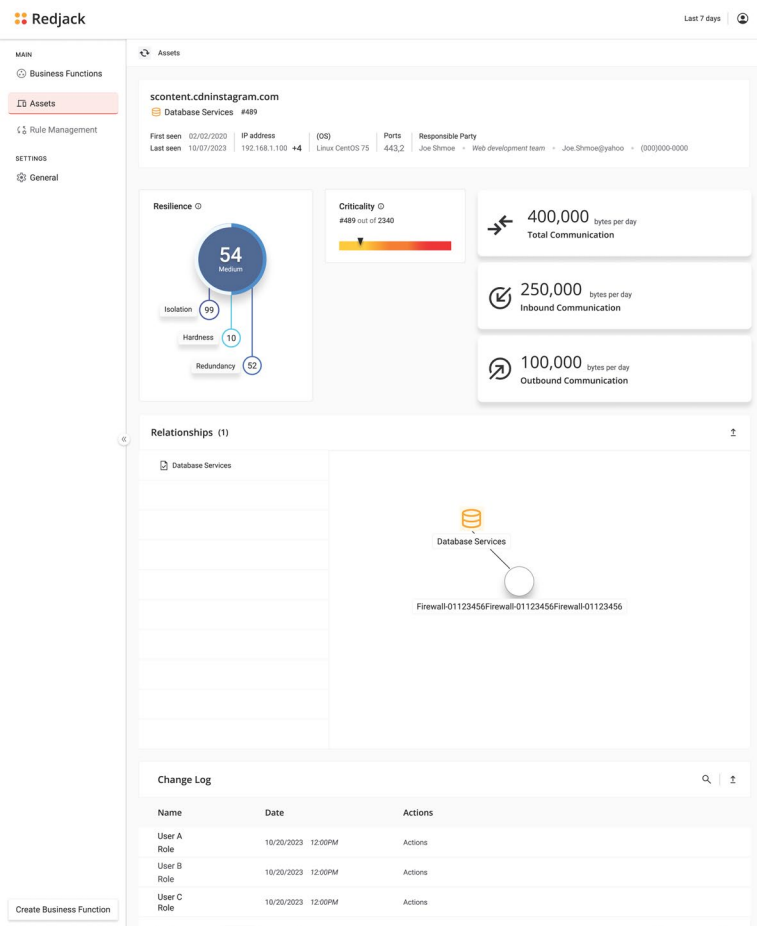
Benefits

Total visibility increases risk assessment accuracy

A risk assessment identifies potential risks and threats to your business, evaluating their likelihood and potential impact. The accuracy of this assessment depends on your level of visibility into your IT environment. The Redjack cyber resilience platform provides comprehensive visibility into all connected assets in your environment, including those in the cloud, on-premises, container-based, and third-party assets. Redjack assigns resilience and criticality scores to assess the importance and potential business impact of assets, enabling you to prioritize asset management efforts and implement appropriate security controls based on each asset's criticality.

Knowing what is critical improves business impact analysis

A business impact analysis identifies and prioritizes critical business functions, assessing the financial, operational, and reputational consequences of disruptions. An asset inventory is foundational for this analysis, providing a comprehensive view of your infrastructure that allows you to perform effective analysis and testing. Redjack enhances this process by assigning resilience and criticality scores to critical business functions and assets. This ensures more accurate prioritization of limited resources and the creation of effective business continuity plans.

Identifying critical business functions improves system redundancy efforts

Implementing redundant systems ensures continuity in case of failures, but it's not feasible to make every system redundant. Therefore, identifying and prioritizing critical systems and applications is essential. This is easier to do when you have identified your critical business functions—core activities that keep the organization running and generate revenue. The Redjack platform identifies the assets your critical functions depend on, enabling effective business continuity and disaster recovery planning based on objective evidence.

Understanding asset dependencies improves testing

A disaster recovery plan should be regularly tested and updated to ensure effectiveness. Understanding the interdependencies between assets is vital as it allows you to bring assets online in the correct order during recovery, preventing crashes due to missing support. The Redjack platform maps these relationships, providing evidence-based data on how your environment functions. This enables live disaster recovery tests and ensures seamless restoration of critical business functions involving thousands of IT assets. The Redjack platform empowers you to restore operations and maintain continuity during incidents or disasters.

About Redjack

Redjack delivers total asset and dependency visibility and AI-powered business insights for cyber resilience. Our platform empowers enterprises to safeguard vital business functions, meet cyber regulatory standards, and digitally transform to align with business objectives.

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