Reducing Risk in the Face of Cyberattacks and Data Loss Exposure

For Business-Critical Data, Recovery is Everything.

As a risk management or compliance officer, exposure to the risk of data loss is one of your major concerns. Cyberattacks and extended outages are just some of the threats your organization faces. It's likely that many of your critical enterprise-wide applications run on Oracle Database, so protecting them against these threats should be a top priority.

Your Oracle Database holds the very information your business depends on, and any data loss can have a huge, negative impact on your organization's revenue and reputation—as well as your ability to meet compliance deadlines, and avoid heavy fines.

Enterprises like yours face the growing risk of cyberattacks, which increases your exposure to the risk of data loss. One of the most menacing forms of these is ransomware, where your data is encrypted and literally held ransom—until you pay cybercriminals to release it, or you recover your data from a point in time before your systems were attacked.

Such attacks and data losses make headlines —damaging your organization's reputation. And with new regulations concerning data protection coming into force (such as those introduced by the US Department of the Treasury and the European Union) failing to prepare for a quick recovery from a cyberattack could mean serious financial penalties.

> According to **State of Ransomware**, a recent survey sponsored by security firm Malwarebytes, more than **40 percent** of businesses have experienced a ransomware attack in the last year. Of these, more than a third lost revenue and **20 percent** had to stop business completely.

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When a ransomware attack occurs, recovery is everything.

Cybercriminals are using ransomware to target mission-critical data and enterprise applications. If a ransomware attack gets past your security barriers, you have two options: pay to regain access to your data or restore as quickly as possible from the last successful backup prior to the attack.

If you choose to restore instead of paying, your IT team will need to make sure you have a valid copy that can be recovered quickly. In addition, they'll need a recovery point as close as possible to the moment prior to the attack—seconds, not hours—to minimize data loss and business disruption.

Because Oracle's Zero Data Loss Recovery Appliance (Recovery Appliance) has been developed by Oracle specifically to protect Oracle Databases, it ensures optimal protection of your critical data. Who better to know the best way to protect your Oracle Database than Oracle itself?

It not only protects each transaction down to the last sub-second, but also maps those changes to create an on-demand, ready-to-restore full database copy. This enables your IT team to rapidly recover data up to the very moment a ransomware attack or outage occurs—eliminating the risk to your organization's productivity, revenue, and reputation. And, because Recovery Appliance can cut recovery times by up to 90 percent—your business operations get fully up and running rapidly.

Continuous protection—eliminating exposure to the risks of database data loss.

Recovery Appliance is an extension of Oracle Database—protecting every transaction, continually validating backups, and alerting your IT managers to any potential problems. This means it eliminates any gaps in data protection, assures recovery after an incident with no data loss exposure, and improves your organization's risk management profile.

By enabling a sub-second recovery point, Recovery Appliance remediates many of the drawbacks inherent in generic backup solutions. These often lose data and transactions from critical production Oracle Databases when changes occur between backups.

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High availability and security: built in, not bolted on.

Recovery Appliance offers your IT teams a unique level of consolidated management and end-to-end visibility into the whole data protection lifecycle—whether backed up to disk, tape, and/or remote data center replication. Its built-in storage monitoring and reporting features track all backup locations. By retrieving the most appropriate backups, wherever they reside, Recovery Appliance delivers greater levels of recovery success, and enables your organization to recover more rapidly.

The reporting capabilities also provide your IT team with real-time recovery status information of each database under management, to easily see your organization's recoverability risk and rapidly provide evidence for compliance audits when needed.

Recovery Appliance is built using a high-availability, fully redundant, battle-tested platform, and because your organization suffers no downtime when adding components, it scales easily in line with your business. With such proven scalability, redundancy, and performance, Recovery Appliance can help you remain compliant even as new data protection regulations come online.

> **Since deploying Recovery Appliance, a multibillion-dollar US financial firm no longer experiences thousands of failed backups every month, slashing its regulatory risk as a result.**

Giving you the assurance your business needs.

Your Oracle Databases are critical to the success of your organization, and it's vital that your IT teams can recover all of your data quickly following an outage or cyberattack. Recovery Appliance reduces your IT risk profile by accelerating backups and restores of your enterprise's Oracle Database by as much as 10 times. As a result, it eliminates data loss exposure, revenue loss, and damaged reputation while enabling you to reduce costs and meet compliance deadlines.

> **Put simply, Recovery Appliance removes the drama, when recovery is everything.**

Learn more about Recovery Appliance.

Watch this video: Mitigate Data Loss Exposure and Improve Your Risk Profile.

Check out this interactive customer infographic to discover how Recovery Appliance eliminates the risk of data loss.

Visit our data protection resource center to explore how your enterprise can improve its risk profile.

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