TECH BRIEF

Veeam Cloud Connect

The automized solution to protect your IT
infrastructure in backup or disaster recovery mode.

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Veeam Cloud Connect: what is it?

The **Veeam Cloud Connect** service lets you automize protection measures for your IT infrastructure by creating **off-site backup replication** of resources or extending to a full **Disaster Recovery** service.

A flexible solution with **no start up costs** and a financial commitment proportional to the volume of data and number of virtual machines. It also offers an option to keep the Veeam Cloud Connect repository immutable, thanks to **anti-ransomeware protection**.

By using **Veeam** (www.veeam.com) software for replication/backup, the service can be configured and managed directly from a control panel on a secure web portal provided by Aruba Cloud.

Veeam Cloud Connect: available options

Depending on requirements, **Veeam Cloud Connect** can be used both to create copies of backups of individual components/infrastructure servers (**Veeam Cloud Connect Backup**) and for creating a Disaster Recovery replication website (**Veeam Cloud Connect Replication**).
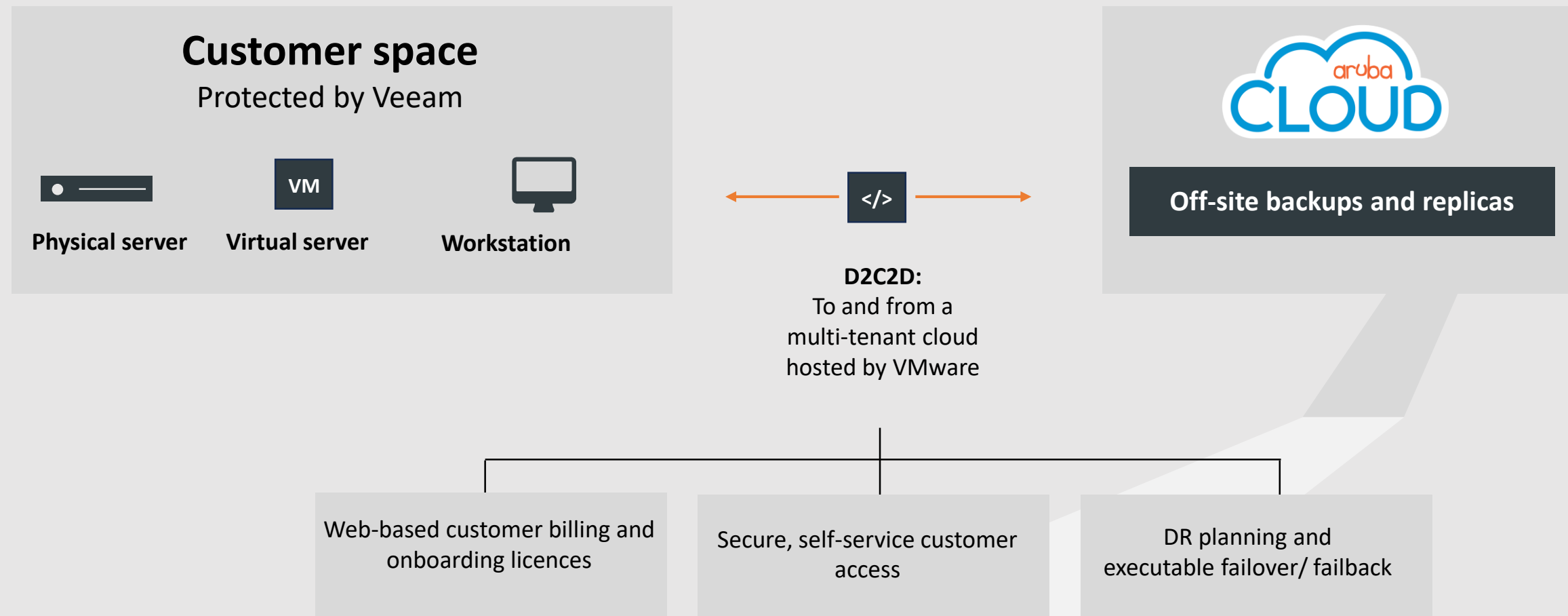
Veeam Cloud Connect Backup
The simple and immediate way to create off-site backup replication of physical/virtual servers.

Veeam Cloud Connect Replication
Protect your infrastructure with a professional Disaster Recovery service using the Virtual Private Cloud as your secondary site.

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Veeam Cloud Connect: the environment

Customer space
Protected by Veeam

Physical server **Virtual server** **Workstation**

VM

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D2C2D:
To and from a
multi-tenant cloud
hosted by VMware

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Off-site backups and replicas

Web-based customer billing and onboarding licences

Secure, self-service customer access

DR planning and executable failover/ failback

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Veeam Cloud Connect Backup: features

Veeam Cloud Connect Backup lets you keep copies of **physical/virtual server backups** without requiring a second dedicated backup infrastructure.

Integrated cloud repositories
The cloud repositories which store the replicas are integrated in the Veeam Backup console.

End-to-end encryption
Data is encrypted both at source and during transfer.

Storage best practices
Backup copies are stored in accordance with the 3-2-1 rule, with one copy off-site.

Ease of transfer
Data compression and faster WAN.

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Veeam Cloud Connect Replica: features

Veeam Cloud Connect Replica is a professional Disaster Recovery service, **linked to Aruba Enterprise Virtual Private Cloud**, for protecting IT infrastructure.
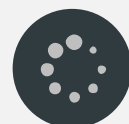
Fast failover
Fast failover of the whole infrastructure, via secure web portal.

Facilitated failback
Facilitated failback with no loss of data and minimal impact on users.

Supported recovery
Option to restore with support for replication testing and failover simulation with no impact on production workloads.

Secure protocol
SSL/TLS (Secure Sockets Layer/Transport Layer Security) communication protocol for safe and reliable traffic encryption.

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Veeam Cloud Connect: use cases

5 examples of application:

Exporting data off-site
Data protection best practices dictate the implementation of the *3-2-1 rule*, requiring one copy of the backup be stored off-site. Veeam Cloud Connect lets you manage this copy and implement an automatic process designed to reduce the risk of error associated with manual management.

Compliance
Many market sectors require that strict data protection laws be respected. Implementing a backup or systems replication plan enables you to certify processes and comply with regulations.

Partial disasters
Systems replication is not just to guarantee business continuity in the event of unlikely, widescale, natural disasters, but also for more common events with limited impact (e.g. blackouts, hardware faults, connection problems, etc.).

Data sovereignty
Data replication in Aruba Enterprise infrastructures guarantees the geographical location of stored data and facilitates the implementation of fast and reliable measures for managing migration.

Information security
Today, more than ever, malware attacks threaten to compromise a company's ability to operate. Having a systems backup replication plan enables you to activate a rapid solution to protect operations, data and company image. Data imutability is offered as an option.

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