

## Ransomware Protection via Equinix Fabric™

### Ransomware Protection

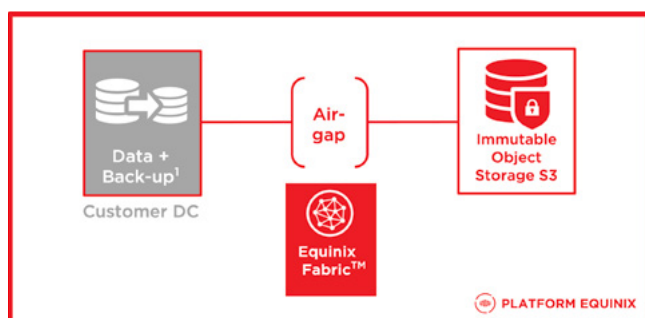
In a time of increasing caution against ransomware with all possible ways of intensifying security, the question remains: what if my data is unreachable?

Ransomware is comprehensive and complex, as are the solutions to protect your data against it, however, there are also easy to implement solutions to protect your valuable and business critical data. If it's the data that needs protection than start with securing the data itself with the assumption that your security measurements might fail someday.

According to Gartner®, "ransomware attacks have grown more frequent and costly over the past year, and have broadened to target backup and other critical infrastructure." Gartner advises that "I&O leaders must take urgent action to protect backup systems and ensure that they are available to help the organization recover from a ransomware attack."

<sup>1</sup>Source: Gartner, How to Protect Backup Systems From Ransomware Attacks, Nik Simpson, published 21 September 2021.

Figure 1: Keep one copy of your data immutable and airgapped



### Solution

The pragmatic solution starts with the assessment of your back-up strategy following the 3-2-1 rule.

This rule recommends that there should be at least three copies of the important data, on at least 2 different types of media, with at least one of these copies on a secondary location.

Ransomware Protection needs an expansion of your back-up strategy from a 3-2-1 to a 3-2-1-1 rule, with the additional 1 being a 3rd copy stored on immutable Object storage.



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## Why Ransomware Protection via Equinix Fabric™

Equinix Managed Services offers immutable Object storage for your 2nd and 3rd copy, securely on Platform Equinix available via the unique software defined capabilities of Equinix Fabric™.

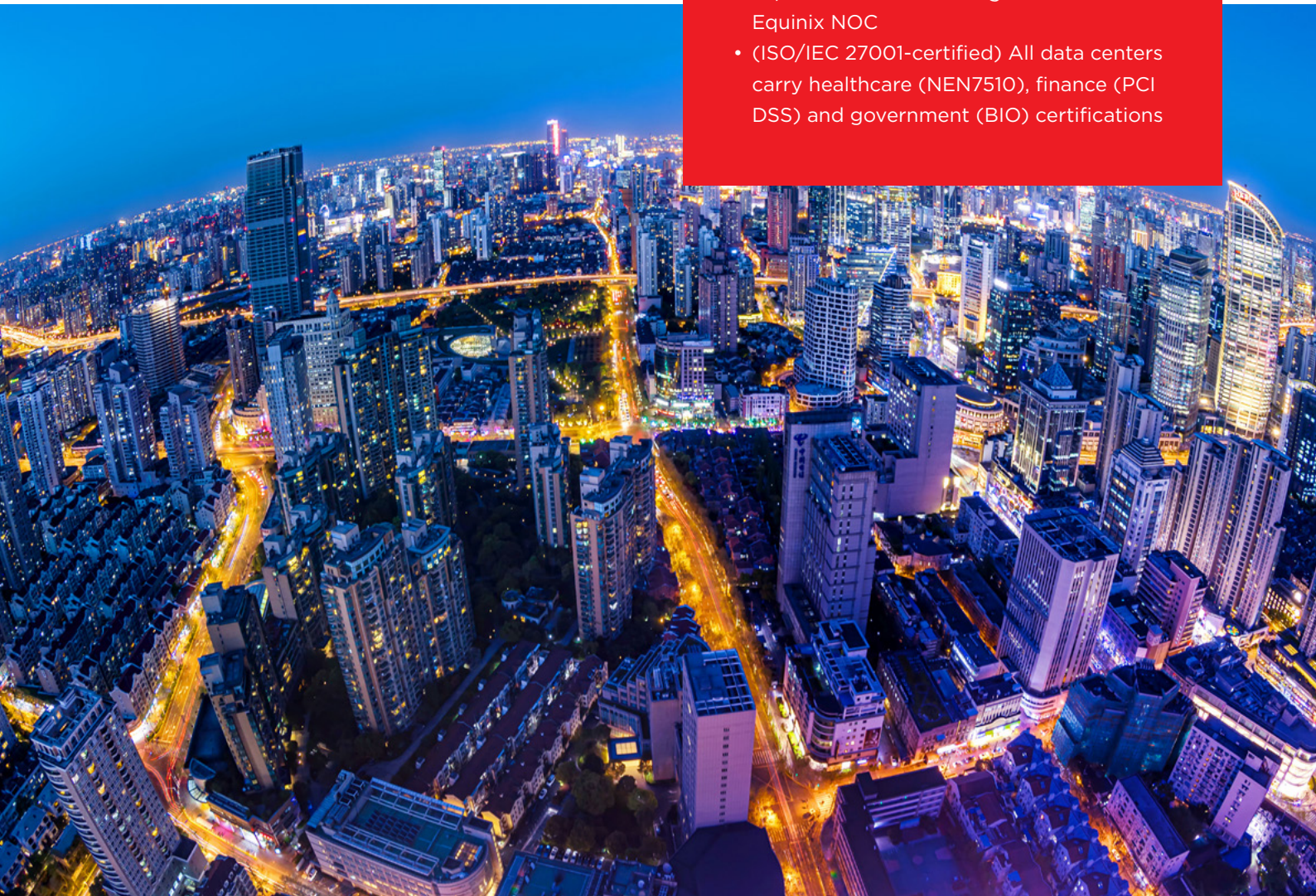
Equinix Managed Services Object Storagegrid is available in Amsterdam and Enschede.

### Key benefits of Equinix Fabric™

- Increased efficiency, global reach to Cloud Service Providers
- No CAPEX investments, just OPEX and pay-per-use
- Equinix operates the physical infrastructure
- Short time to market

### Reduced risk

- A highly available platform service for your applications
- 24/7 environment management from Equinix NOC
- (ISO/IEC 27001-certified) All data centers carry healthcare (NEN7510), finance (PCI DSS) and government (BIO) certifications

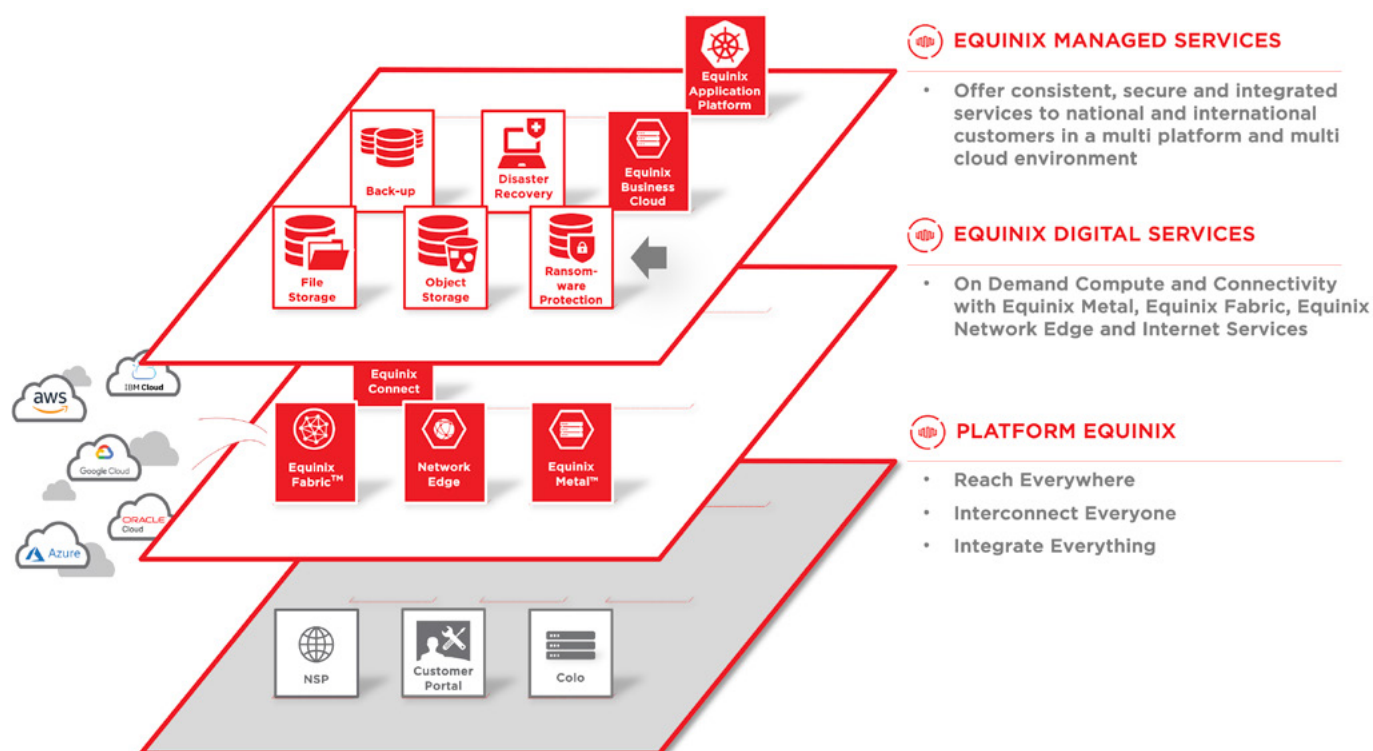




## Platform Equinix®

Ransomware Protection via Equinix Fabric™ is one of many integrated services on Platform Equinix®.

Figure 2: Layered presentation of the integrated services



## Qualification Questions

### Back-up

- How is the back-up of your data organized?
- How is your back-up protected against ransomware?
- Do you have a second offsite back-up that is also air-gapped?
- What tools do you use for back-up?

### Business Continuity

- How is your IT infrastructure protected against disasters like ransomware?
- What are the costs of unavailability?
- Do you have a fallback plan for your most critical data?
- What are the agreements with the business about the recoverability of the IT infrastructure?

For more information, please contact us through: **Equinix Managed Services** →